

Undergraduate  
Academic Catalog  
2015-2016



LINDENWOOD  
UNIVERSITY

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## UNDERGRADUATE DEGREES & PROGRAMS

### Degree Programs

Accounting (BA, BS)	Digital Cinema Arts (BA)	Mathematics (BS) with Actuarial Studies Emphasis
Accounting (BA, BS)	Digital Cinema Arts (BFA)	Middle School Education (BA) – Business Emphasis
Acting (BFA)	Early Childhood Education (BA) (Birth – Grade 3)	Middle School Education (BA) – English Language Arts Emphasis
Advertising, Public Relations: Corporate Communications (BA)	Early Childhood Special Education (BA) (Birth – Grade 3)	Middle School Education (BA) – (Grades 5-9) Mathematics Emphasis
Allied Health Leadership (BA)	Economics (BA)	Middle School Education (BA) – Science Emphasis
Anthropology (BA)	Educational Studies (BA)	Middle School Education (BA) – Social Science Emphasis
Art History (BA)	Elementary Education (BA) (Grades 1-6)	Middle School Education (BA) – Speech/Theatre Emphasis
Art History (BA) with Emphasis in Pre-Art Conservation	English as a Second Language (ESL) Program	Middle School Education (BA) – Technology and Engineering Emphasis
Arts and Entertainment Management (BA)	Creative Writing (BA)	Music (BA)
Athletic Training (BA)	English (BA)	Music Business (BA)
Biological Sciences (BA)	English Literature (BA)	Music (BA) with Minor in Education (K-12 Instrumental Certification)
Biological Sciences (BS) with emphasis in Cellular and Molecular Biology	Entrepreneurial Studies (BA, BS)	Music (BA) with Minor in Education (K-12 Vocal/Choral Certification)
Biological Sciences (BS) with emphasis in Ecology and Evolution	Environmental Biology (BA)	Music Performance (BA) Instrumental
Biological Sciences (BA) – Secondary Education Certification	Exercise Science (BS)	Music Performance (BA) Vocal
Biological Sciences (BA) – Secondary Education Certification with Unified Science	Fashion Design (BA)	Musical Theatre (BFA)
Biological Sciences (BS)	Fashion Design (BFA)	National Outdoor Leadership School (NOLS) Semester
Business Administration (BA)	Finance (BA, BS)	Nonprofit Administration (BA)
Business Administration (BA) – Online	Fire & Paramedic Science (BS) – Fire Academy Emphasis	Nonprofit Administration (Combined BA and MA Program)
Business Economics (BA, BS)	Fire & Paramedic Science (BS) – General Emphasis	Nursing (BSN) Post Licensure (RN to BSN)
Chemistry (BA)	French (BA)	Personal Financial Planning (BA, BS)
Chemistry (BA) – Secondary Education Certification	General Studies (BA)	Philosophy (BA) – Interdisciplinary Emphasis
Chemistry (BA) – Secondary Education Certification with Unified Science	General Studies (BA) – Online	Philosophy (BA) – Traditional Emphasis
Chemistry (BA) – Emphasis in Forensics	Graphic Design (BA)	Physical Education (BA) Teaching Certification (K-12)
Chemistry (BS)	Graphic Design (BFA)	Physical Education (BS)
Chemistry (BS) – Secondary Education Certification	Health (BA) Teaching Certification (K-12)	Political Science (BA)
Chemistry (BS) – Emphasis in Biochemistry	History (BA)	Pre-Law
Christian Ministry Studies (BA)	Human Resource Management (BA)	Pre-Medicine/Pre-Dentistry/Pre-Optometry/Pre-Veterinary Medicine
Computer Information Systems (BS)	Interactive Media and Web Design (BA)	Pre-Nursing
Computer Science (BA)	International Business (BA, BS)	Psychology (BA)
Computer Science (BS)	International Relations (BA)	Public Administration (BA)
Criminal Justice (BA)	International Relations (BA) – Security Studies Emphasis	Public Health (BS)
Criminal Justice (BA) – Corrections/Juvenile Emphasis	Journalism (BA)	Recreation Administration (BA)
Criminal Justice (BA) – Corrections/Probation and Parole Emphasis	K-12 Education Certification*	Religion (BA)
Criminal Justice (BA) – Law Enforcement Emphasis	K-12 Education in Art	Religion (BA) – Christian Thought Emphasis
Criminal Justice (BA) – Law Enforcement Emphasis with Police Academy Option	K-12 Education in Foreign Language – French	Religion (BA) – Comparative Religion Emphasis
Criminal Justice (BA) – Legal Studies Emphasis	K-12 Education in Foreign Language – Spanish	Reserve Officers' Training Corps (ROTC)
Dance (BA) with Minor in Education (K-12 Dance Certification)	K-12 Education in Health	Secondary Education Certification in Chemistry (BA) with Unified Science
Dance (BFA)	K-12 Education in Music-Instrumental	
	K-12 Education in Music – Vocal/Choral	
	K-12 Education in Physical Education	
	K-12 Education Minor Course Requirements	
	Marketing (BA, BS)	
	Mass Communications (BA)	
	Mathematics (BA)	
	Mathematics (BA) with Actuarial Studies Emphasis	
	Mathematics (BA) – Secondary Education Certification	
	Mathematics (BS)	

Secondary Education Certification in Biological Sciences (BA)  
 Secondary Education Certification in Biological Sciences (BA) with Unified Science  
 Secondary Education Certification in Business (BA)  
 Secondary Education Certification in Business (BA) with Marketing Add-On  
 Secondary Education Certification in Chemistry (BA)  
 Secondary Education Certification in Chemistry (BA)  
 Secondary Education Certification in English (BA)  
 Secondary Education Certification in History (BA) with Social Studies Minor  
 Secondary Education Certification in Mathematics (BA)  
 Secondary Education Certification in Speech/Theatre  
 Secondary Education Certification in Technology and Engineering  
 Social Work (BSW)  
 Sociology (BA)  
 Spanish (BA)  
 Special Education K-12  
 Sport Management (BA)  
 Stage Management (BFA)  
 Studio Art (BA)  
 Studio Art (BA) with an Emphasis in Pre-Art Therapy  
 Studio Art (BFA)  
 Studio Art (BFA) with Minor in Education (K-12 Certification)  
 Teacher Certification in English  
 Teacher Certification in French  
 Teacher Certification in Social Studies  
 Teacher Certification in Spanish

Technical Theatre/Design (BFA)  
 Theatre (BA)  
 Theater (BA) with Secondary Education Minor (9-12 speech/Theatre Certification)  
 U.S. Air Force ROTC (AES) Aerospace Studies

**Minors**

Accounting  
 American Studies  
 Anthropology  
 Art History  
 Biology  
 Business Administration  
 Chemistry  
 Christian Ministry Studies  
 Coaching  
 Communications  
 Computer Science  
 Creative Writing  
 Criminal Justice  
 Dance  
 Digital Cinema Arts  
 Economics  
 Education  
 Elementary Education  
 Engineering Physics  
 English Literature  
 Entrepreneurial Studies  
 Fashion Design  
 French  
 Finance  
 Fitness Administration  
 Health and Fitness Management  
 History  
 History of Ideas  
 Human Resource Management  
 Graphic Design

Interactive Media and Web Design  
 International Business  
 Journalism  
 Marketing  
 Mathematics  
 Military Science  
 Music  
 Music Composition  
 Nonprofit Administration  
 Outdoor Leadership  
 Performing Arts  
 Philosophy  
 Philosophy of Religion  
 Political Science  
 Psychology  
 Public Administration  
 Recreation Administration  
 Religion  
 Retail Management  
 Secondary Education  
 Special Education  
 Social and Political Philosophy  
 Social Studies  
 Social Welfare  
 Sociology  
 Spanish, LU Campus  
 Spanish, Costa Rica Campus  
 Spanish, Spain  
 Sport Management  
 Strength and Conditioning  
 Studio Art  
 Theatre

**Certificates**

Paramedic Technology  
 Writing

*\*Students seeking K-12 certification must complete the requirements for a degree in the desired content area, along with the requirements for a minor in education (K-12).*

## ACADEMIC CALENDARS

### Fall Semester 2015

International student orientation and check-in	August 17
Faculty workshops	August 17-21
Freshman orientation check-in	August 19
Freshman orientation	August 19-23
Fall residential student check-in	August 22-23
Last day for in-season athletes to add/drop via student portal	August 23
Classes begin	August 24
Freshman convocation, 4:00 p.m.	August 26
Last day to register for or add classes or choose audit	August 28
Labor Day holiday—no classes held	September 7
First day to request room change for fall 2015 term	September 8
4-week grades due, noon	September 21
Last day to withdraw with “W”	October 2
Late start classes begin	October 5
Last day to register for late start classes	Before 3rd class
Midterm grades due, 5:00 p.m.	October 12
Fall Break	October 12-13
J-Term and spring semester registration for honors students	October 26
Last date to withdraw with “WP”/“WF”	October 30
Midterm grades due for Late Start classes that began Oct 5, 5:00 p.m.	November 2
Spring semester and J-term registration for seniors	November 2
Spring semester and J-term registration for juniors	November 5
Spring semester and J-term registration for sophomores	November 10
Spring semester and J-term registration for freshmen	November 12
Last day to request a room change for spring 2016 term	November 13
Faculty in-service day—no classes except SBE & Quarter evening classes	November 25
Thanksgiving holiday—no classes held	November 26-29
Last day of classes	December 4
Commencement ceremony, 2:00 p.m.	December 6
Final exams	December 7-11
Deadline for making up Incomplete grades from spring, 2015	December 11
Lindenwood residential semester student housing closes, 9:00 p.m.	December 11
Final grades due, 5:00 p.m.	December 15
Last Day to register for J-term classes	December 28
Deadline to apply for March/May/June graduation	December 30

### Fall Half Semesters 2015

First Half-Semester, Aug 24 – Oct 16

Classes begin	August 24
Last day to withdraw with W	September 10
Mid-term grades due, noon	September 21
Last day to withdraw with WP or WF	September 25
Final grades due, 5:00 p.m.	October 20

## Second Half-Semester, Oct19 – Dec 11

Classes begin	October 19
Last day to withdraw with W	November 5
Mid-term grades due, noon	November 16
Last day to withdraw with WP or WF	November 20
Final grades due, 5:00 p.m.	December 15
<b>January Term 2016</b>	
Last Day to register for J-term class	December 28
J-term and student teacher residential check-in	January 3
Classes begin	January 4
Days on which J-term classes will meet	Jan 4-7, 11-14, 18-21
Last day to withdraw with a "W"	January 15
Last day of classes	January 21
Final Grades due, 5:00 p.m.	January 27
<b>Spring Semester 2016</b>	
International student orientation and check-in	January 18
Freshman and transfer student check-in	January 23
Spring residential student check-in	January 24
Last day for in-season athletes to add/drop via student portal	January 24
Classes begin	January 25
Last day to register for or add classes or choose audit	January 29
Registration to "KEEP SAME ROOM" for fall via student portal	February 1 - 28
Sibley Day	February 16
4-week grades due, noon	February 22
Deadline to apply for August graduation	February 28
Fall semester registration for honors students	March 29
Last day to Withdraw with "W"	March 4
Late start classes begin	March 7
Last day to register for late start classes	Before 3rd class
Fall registration, housing, and Work & Learn sign-up for seniors	March 7
Fall registration, housing, and Work & Learn sign-up for juniors	March 10
Midterm grades due, noon	March 15
Fall registration, housing, and Work & Learn sign-up for sophomores	March 15
Fall registration, housing, and Work & Learn sign-up for freshmen	March 17
Good Friday—no classes held	March 25
Spring Break	March 28-April 3
Deadline to apply for September graduation	March 30
Last day to withdraw with "WP"/"WF"	April 8
Midterm grades due for Late Start classes that began Mar 7, 5:00 p.m.	April 11
Honors convocation, 2:00 p.m.	April 17
Deadline to apply for summer 2016 Work & Learn/Residential Program	May 1
Last day of classes	May 6
Final exams	May 9 -13
Deadline for making up Incomplete grades from fall, 2015	May 13
Lindenwood residential housing closes, 9:00 p.m.	May 13
Graduate student commencement, 7:00 p.m.	May 13
Undergraduate commencement, 10:00 a.m.	May 14

Final grades due, 5:00 p.m.  
Deadline to apply for October/December graduation

May 17  
May 30

**Spring Half Semesters 2016**

First Half-Semester, Jan 25 – Mar 15

Classes begin  
Last day to withdraw with "W"  
Mid-term grades due, noon  
Last day to withdraw with "WP" or "WF"  
Final grades due, 5:00 p.m.

January 25  
February 5  
February 18  
February 23  
March 21

Second Half-Semester, Mar 17 – May 13

Classes begin  
Last day to withdraw with "W"  
Mid-term grades due, noon  
Last day to withdraw with "WP" or "WF"  
Final grades due, 5:00 p.m.

March 17  
April 7  
April 18  
April 22  
May 17

## INTRODUCTION

This catalog contains a description of the Lindenwood University undergraduate programs offered on a traditional semester-schedule. Separate catalogs are devoted to the descriptions and requirements of undergraduate programs held on a quarter-schedule, graduate programs, and the programs offered at Lindenwood University-Belleville. This catalog outlines policies and procedures for undergraduate students, explains each academic program and its specific requirements, and describes in alphabetical order each undergraduate course offered on the semester schedule. All statements in this publication concerning policies, program requirements, fees, and other matters are subject to change without notice. The statements in this catalog are for informational purposes only and should not be viewed as the basis of a contract between a student and the University.

Lindenwood University strives to make higher education accessible to both traditional and nontraditional students and serves both full- and part-time students. The University offers a variety of programs leading to baccalaureate, master's, and doctoral degrees. This academic year, Lindenwood University will serve more than 16,000 full-time and part-time students, over 4,000 of whom will live on the University's main campus.

### Mission Statement

Lindenwood University offers values-centered programs leading to the development of the whole person—an educated, responsible citizen of a global community. Lindenwood is committed to

- Providing an integrative liberal arts curriculum.
- Offering professional and pre-professional degree programs.
- Focusing on the talents, interests, and future of the student.
- Supporting academic freedom and the unrestricted search for truth.
- Affording cultural enrichment to the surrounding community.
- Promoting ethical lifestyles.
- Developing adaptive thinking and problem-solving skills.
- Furthering lifelong learning.

Lindenwood is an independent, public-serving liberal arts university that has a historical relationship with the Presbyterian Church and is firmly rooted in Judeo-Christian values. These values include belief in an ordered, purposeful universe, the dignity of work, the worth and integrity of the individual, the obligations and privileges of citizenship, and the primacy of the truth.

### Proficient Graduates Guarantee

#### Success

Lindenwood University has an excellent placement rate for its graduates because it educates the whole person. A degree from Lindenwood means that its holder is adept at reading, writing, speaking, and problem-solving—all the traits by which society judges one's education level and general competence.

#### The Guarantee

Lindenwood University guarantees that its graduates are proficient and successful communicators. The University evaluates each student's proficiency in written communication not only in the freshman composition courses but also following the completion of the second composition course, when a writing-proficiency assessment is given. Based on the results of that assessment, any student who needs to sharpen competencies in grammar, punctuation, or syntax takes an additional writing course, ENGL 21000 Writing Proficiency Lab, prior to graduation. This ensures that any student who graduates from Lindenwood masters the writing abilities necessary for success in the professional world and everyday life. As the Association of American Colleges has stated, "A bachelor's degree should mean that its holders can read, write, and speak at levels of distinction and have been given many opportunities to learn how. It also should mean that many do so with style."

#### Liberal Arts Education

In addition to ensuring writing proficiency, the University's standard-setting General Education (GE) program assures that every Lindenwood graduate has been exposed to the essential knowledge amassed by humankind across the ages and has acquired the basic thinking and communication skills needed for both adapting to and shaping the world. Lindenwood's broad-based curriculum in the arts and sciences produces free men and women—enlightened, self-determining, productive citizens of a democracy.

#### Preparation for Life

The University encourages students to work with the Career Development office to build a customized summary of his or her personal and professional experiences. This distinctive résumé document not only includes the students' academic preparation and career interests but also their leadership posts, community experience, work experience, and co-curricular achievements. It is through this investment in career development that the University encourages holistic growth of its students: amelioration in the cognitive, spiritual/ethical, physical, and social realms. Thus, Lindenwood graduates are educated, not simply trained.



## History

Lindenwood University was founded in 1827 by pioneering educators Mary Easton Sibley and George Sibley. The Sibleys sought to establish an institution that educated students across disciplinary fields, provided a solid core curriculum, and promoted the desire to serve the community. The Sibleys envisioned a college that would educate the “whole person” by encouraging students to pursue the liberal arts as well as focused studies. Their vision survives to this day.

## Accreditation

Lindenwood University is a member of and/or accredited by the following organizations:

The Higher Learning Commission of the North Central Association of Colleges and Schools  
230 South LaSalle Street, Suite 7-500  
Chicago, Illinois 60604-1411  
tel: (800) 621-7440/(312) 263-0456  
fax: (312) 263-7462  
info@hlcommission.org

The Accreditation Council for Business Schools and Programs  
11520 West 119th Street  
Overland Park, KS 66213  
tel: (913) 339-9356  
fax: (913) 339-6226  
www.acbsp.org

The Council on Social Work Education  
1701 Duke Street, Suite 200  
Alexandria, VA 22314-3457  
tel: (703) 683-8080  
fax: (703) 683-8099  
info@cswe.org

The Commission on Accreditation of Athletic Training Education  
2201 Double Creek Drive  
Suite 5006 Round Rock, TX 78664  
tel: (512) 733-9700  
fax: 512-733-9701  
www.caate.net

The Missouri Department of Elementary and Secondary Education  
PO Box 480  
Jefferson City, MO 65102  
tel: 573-751-4212  
fax: 573-751-8613  
http://dese.mo.gov

The University is fully endorsed by the following organization:

The Society for Human Resource Management  
1800 Duke Street  
Alexandria, Virginia 22314  
tel: (800) 283-7476  
www.shrm.org

Lindenwood is a member of the following organizations:

The Teacher Education Accreditation Council  
One Dupont Circle NW, Suite 320  
Washington, DC 20036  
tel: (202) 466-7236  
www.teac.org

The Council for Higher Education Accreditation  
One Dupont Circle NW, Suite 510  
Washington, DC 20036  
tel: (202)-955-6126  
fax: (202)-955-6129  
chea@chea.org

## Commitments

### Assessment

The faculty, administration, and staff of Lindenwood University are dedicated to sustaining excellent educational programs and learning environments. Therefore, we are also committed to mission-based, comprehensive, and data-driven assessment for the purpose of continuous institutional improvement and effectiveness.

Given the above commitment, the Culture of Continuous Improvement statement below serves as a compass in guiding our assessment and continuous improvement efforts. The statement describes the type of institutional culture that is needed to live out that commitment.

### ***A Culture of Continuous Improvement: Defining Characteristics***

1. The institution publicly affirms its commitment to effectiveness and continuous improvement and, in so doing, recognizes the need for accountability to its stakeholders.
2. The institution values effectiveness and continuous improvement in all facets and levels of its operations (e.g., individual professional development, classroom teaching and learning, program review, measurement of graduate success, student and employee satisfaction, governance).
3. Comprehensive and integrative assessment is conducted for the purpose of continuous improvement.
4. The leadership of the institution understands, values, and provides strong support for efforts related to assessment and continuous improvement.

5. Assessment *for* learning and *of* learning is valued, supported, and recognized.
6. Efforts to improve teaching are valued, supported, and recognized.
7. All aspects of the assessment process are conducted with a spirit of collaboration among colleagues within all programs and departments. There is collective investment in the commitment to effective teaching and learning and overall institutional effectiveness.
8. Both faculty and staff value inquiry and the important role of evidence in the decision-making processes associated with continuous improvement. Multiple forms of direct and indirect evidence are used to make decisions annually.
9. Assessment processes and results are integrated within the institution's planning and budgeting processes – the institution commits the necessary resources to support its assessment program, and assessment results inform both planning and budgeting.
10. The institution understands the critical importance of sustainable and transparent assessment practices, including documenting and sharing intended outcomes and objectives, appropriate methods of assessment, the results of assessment, and initiatives to “close the loop” wherein the results are used for continuous improvement.

### Equal Opportunity Statement

Lindenwood University is an Equal Opportunity Employer. The University complies with the Civil Rights Act of 1964 and other legislation, as amended, including the Equal Pay Act of 1963, the Age Discrimination in Employment Act of 1967, the Americans with Disabilities Act of 1990, and other legislation that prohibits discrimination in employment and access to educational programs because of race, color, national origin, sex, age, or physical handicap.

Lindenwood University is committed to a policy of non-discrimination and dedicated to providing a positive discrimination-free educational and work environment. Any kind of discrimination, harassment, or intimidation is unacceptable. For the purpose of this policy, discrimination, harassment, and intimidation may be defined as any attempt on the part of individuals, groups, or recognized campus organizations to deny an individual or group those rights, freedoms, or opportunities available to all members of the University community. The University is committed to meeting the full intent and spirit of the anti-discrimination laws, not merely the minimum letter of the law. Inquiries concerning the application of Lindenwood University's policy on nondiscrimination should be directed to the University's Vice President for Human Resources.

Lindenwood University complies with the Drug Free Schools and Communities Act of 1989 (Public Law 101-

226) as amended; the Drug-Free Workplace Act of 1988 (Public Law 101-690); the Student Right-to-Know and Campus Security Acts of 1990 (final regulations published 1995, as revised 1999); and the Campus Securities Disclosures Section 485 of the Higher Education Amendments of 1992 (final regulations published 1994, with technical corrections published 1995, as revised 1999); the Equity in Athletics Disclosure Act (the Higher Education Amendments of 1992, as revised in the Amendments of 1998); and the Family Educational Rights and Privacy Act of 1974 (the Buckley Amendment), as amended, including Section 507 of the Patriot Act of 2001 and seeks to provide a healthy, safe, and secure environment for students and employees.

### Diversity, Equality, and Inclusion

Lindenwood University is proud of its diverse population, which includes faculty and staff from all corners of the world and students from six continents and nearly 100 countries. We believe that our diversity and commitment to valuing diversity, both in and out of the classroom, places us on the cutting edge of scholastic and pedagogical innovations, preparing our students to be educated, responsible citizens of a global community. Intentionally, we design our policies in such a manner that all stakeholders (whether students, employees, or visitors) will be treated with respect, dignity, fairness, equality, and inclusiveness in the pursuit and achievement of the objectives of their relationship with the University.

Additionally, we strive to ensure the opportunities afforded by the University for learning, personal advancement, and employment are offered to all without discrimination; and that we always provide a safe, supportive, and welcoming environment for all students, employees, and visitors. Upholding a culture of *diversity, equality, and inclusion* means that we fully understand and accept the fact that people of different cultures, races, colors, genders, ages, qualifications, skills, experiences, religions, orientations, affiliations, sexual orientations, socio-economic backgrounds, abilities, disabilities, or countries of origin are simply fellow human beings who are different and have the right to be different without being mistreated or discriminated against on the basis of their differences. Therefore, all Lindenwood policies, facilities, resources, activities, and privileges, irrespective of individual differences, are made available and accessible to everyone in our community.

At Lindenwood University, we will strive to

- Offer collaborative and integrated academic and sporting programs that provide mutually beneficial experiences (locally and internationally) to our diverse body of students.
- Pursue and promote mutual understanding, respect, and cooperation among our teaching and non-teaching staff, contractors, suppliers, and visitors to

our community who represent the aforementioned differences.

- Respect the knowledge, skills, and experiences that every person in our community brings to the University.
- Design and operate flexible and easily accessible services, facilities, and activities whose procedures appropriately recognize the needs of both the able and disabled.
- Make every effort to ensure that no discrimination occurs among individuals or groups in the daily discharge of the University's work.
- Protect every member of our community against all forms of discrimination.
- Encourage and promote the empowerment and advancement of ethnic and gender minority groups within our community through academic and social activities, offering activities of special interest to them, and affording them equal-opportunity integration within our community.
- Make every effort to ensure that our current and future contractual agreements and obligations fully reflect and embrace our commitment to the philosophy and culture of *diversity, equality, and inclusion* as delineated in this statement.
- Encourage all faculty and staff members to promote diversity, equality, and inclusion in all locations within our community.

## Lindenwood University System

### Lindenwood University-St. Charles

The St. Charles, Missouri campus, located at 209 South Kingshighway in the heart of St. Charles is a 500-acre site and is the original campus founded by George and Mary Sibley in 1827. Historic buildings grace the tree-lined walks and house classrooms, administrative offices, and student residences.

### Lindenwood University-Belleville

The Belleville, Illinois campus of the Lindenwood University System is a full-service campus offering a wide range of traditional undergraduate degrees, as well as evening undergraduate and graduate programs. Within 15 miles of downtown St. Louis, LU-Belleville offers on-campus housing, intercollegiate athletics, campus dining, student activities, as well as modern educational facilities. Complete information on all academic programs at LU-Belleville may be found at <http://belleville.lindenwood.edu/>.

*Note: Students who are admitted at either LU-St. Charles or LU-Belleville may enroll in classes at the other campus. However, full-time undergraduate students in the day program must always be enrolled in a minimum of 12 credit hours at their home campus.*

## Learning Centers

- The Daniel Boone Campus and Boonesfield Village are located on Highway F near Defiance, Mo., approximately 40 minutes from Lindenwood's main campus. This historic landmark merged with Lindenwood University in 1998. The 1,000-acre Boone property, with its rich heritage and historic buildings and features, remains a popular St. Charles County tourist attraction. The historic site also serves as a "laboratory" where students can study a variety of hands-on programs, learning the values, culture, and history of the American frontier. Classes held at the site involve historic preservation, frontier crafts, interpretation, museology, archaeological digs, and recreation skills. The Boone Home also provides opportunities for students to conduct internships or practica at the Boone location and earn credit toward nearly any major, from accounting and marketing to theatre and education. Contact (636) 798-2005 for more information.
- The Center for Nursing and Allied Health Sciences is the home of the School of Nursing and Allied Health Sciences. This facility consists of a 70,000 square foot classroom and laboratory building on approximately 28 acres. It is located at #1 Academy Place, Dardenne Prairie MO 63368. For more information please call 636-627-2932.
- Located at the intersection of Elm Street and Kingshighway, the Elm Street location features three classrooms.
- Lindenwood University Cultural Center (LUCC): Located at 400 N. Kingshighway, a few blocks from the main campus, the LUCC is the center for the Lindenwood College for Individualized Education. Classrooms, faculty offices, and a 600-seat auditorium, and the Student Counseling and Resource Center are among the building's amenities. Contact (636) 949-4500 for more information.

## Program Formats

Undergraduate programs operate on two possible schedules: a semester schedule and a quarter-schedule. The semester-schedule program offers courses during the day, while the quarter-schedule program offers courses in the evening for nontraditional students through the School of Accelerated Degree Programs. For a complete description of all programs and requirements for undergraduate degrees offered in the evenings, refer to the School of Accelerated Degree Programs catalog.

Lindenwood University offers undergraduate academic programs leading to a Bachelor of Arts (BA), Bachelor of Fine Arts (BFA), Bachelor of Science (BS), Bachelor of Science in Nursing (BSN), and Bachelor of Social Work (BSW). In all schools, individualized degrees may be developed on a contract basis for interdisciplinary studies or specialties. Descriptions of degree programs and majors are listed in the *Academic Programs* section of this catalog.

## Student Resources

### Butler Library

Built in 1929, the Margaret Leggat Butler Library provides a warm environment for scholarly pursuit. The library contains a collection of books, periodicals, online resources, and other instructional and media resources. The materials in the library exist to support the curricular offerings of the University. Students may also access the resources of Butler Library remotely using their Lionmail account login and password. More than 50 subscription databases are available to students and faculty at no cost. In addition, the library houses the Mary E. Ambler Archives, which include primary source material documenting the history of Lindenwood and the surrounding area. The Library is also a member of the MOBIUS consortium, which provides students access to over 14 million book titles throughout the state of Missouri. If an item is not available through MOBIUS, patrons may use Butler Library's Inter-Library Loan service.

Butler Library's dedicated staff is available to help patrons navigate the wealth of traditional print and electronic resources that it offers. The library staff has developed a series of workshops, class presentations, and study guides to assist users. In addition, the Lindenwood librarians are available during all library hours to assist patrons with whatever their research needs might be. Reference librarians may be contacted in person, by phone, or by email. In addition to the traditional offerings at Butler Library, students are encouraged to stop in for a cup of coffee and a snack at the library's coffee shop, Java 201.

### The Writing Center

The Lindenwood University Writing Center, located in Butler Library, offers tutorial assistance to students working on written assignments. Students are highly encouraged to make appointments on the Writing Center website. Tutors are prepared to help students in all disciplines create and revise assigned work. Common issues tutors address include organization, sentence clarity, development, grammar, and usage.

### Tutoring Services

Many academic areas have peer tutors who complete their Work and Learn hours by helping other students understand course material. Some schools list tutors on PC Common in the Tutor Lists folder. Others provide the option for making tutor appointments online at <http://rich36.com/lindenwood/>. Students are also encouraged to ask their classroom professors about possible tutoring assistance.

Lindenwood also offers online tutoring from Smarthinking which is available to any Lindenwood student. Online tutors are available to work with students as many as 24 hours a day, depending upon the subject area. Tutors are available in many subjects including writing, math, accounting, statistics, finance, economics, biology, anatomy & physiology, physics, chemistry, and

Spanish. Completed drafts of writing assignments may also be submitted to Smarthinking's Essay Center for detailed, personalized feedback typically within 24 hours. Students may access online tutoring through Blackboard and the student portal.

### Student and Academic Support Services (SASS) and Student Ombudsman

Students who experience problems of any type are encouraged to visit The Office of Student and Academic Support Services (SASS). SASS assists students in the resolution of obstacles that impede academic progress. SASS staff can assist with inter-office facilitation, institutional guidance, academic mentoring, and dispute resolution. The Dean of Student and Academic Support Services also works as a liaison between students and other University offices and serves as the official University-student ombudsman. SASS is located in the Memorial Arts Building and can be contacted at [sass@lindenwood.edu](mailto:sass@lindenwood.edu) or at (636) 627-2543.

### The Student Counseling and Resource Center

The Student Counseling and Resource Center offers free, confidential individual and group counseling services to all students. Additionally, the SCRC can help students determine future career choices. On a limited basis, the office also evaluates students for attention problems. Dr. Joseph Cusumano, a Licensed Professional Counselor, is the Director of the SCRC. He and his staff of graduate-level counseling interns provide these services. To make an intake appointment with Dr. Cusumano, please contact the SCRC front desk, at 636-949-4525 or 636-627-2928. If you need more information about the SCRC and its services, and would like to talk to Dr. Cusumano directly, please call his office number: 636-949-4528.

### Student Health Center

The Sisters of St. Mary (SSM) Student Health Center serves on-campus resident students for a variety of medical conditions, from flu-like symptoms and minor injuries to physical examinations and immunizations. The clinic has an onsite nurse practitioner to assist students with their healthcare needs. Walk-ins are welcome, but students with appointments take first priority. The center is located in the Connection Center on the first floor of the Spellmann Center.

### Campus Accessibility for Students with Disabilities

The guiding philosophy of Lindenwood University is to make programs and facilities as accessible as possible to students with disabilities. The coordinator for campus accessibility services acts to ensure the accessibility of programs and assists and supports students with disabilities. Students who need assistance or accommodations regarding certified disabilities should contact the Student Support and Accessibility Coordinator at (636) 949-4510.

Each student is encouraged to serve as her or his own advocate and to be responsible for obtaining special services offered by the University. If the coordinator is

unable to satisfy a reasonable request, that request may then be directed to the office of the Dean of Student and Academic Support Services, located in the Memorial Arts Building.

### **Lionmail**

Lionmail is the University's internal email system. Important messages including information about academic standing and financial aid are sent via Lionmail. Students will be held accountable for any information or due dates sent via the campus email system. Lionmail accounts are available for all students and may be accessed from the Lindenwood homepage.

### **On-Campus Printing**

Students are entitled to print an allotted number of pages per term at no cost from any on-campus computer. Resident students may print up to 500 pages per term; commuter students may print up to 300 pages per term. Once the total number of allotted pages has been reached, students may opt to purchase additional printing capabilities through the student portal at a rate of \$3.00 per hundred pages.

### **Extracurricular Life**

#### **Athletics**

Intercollegiate, intramural, and recreational sports are an important part of the Lindenwood extracurricular life. Intramural and recreational sports offer exercise and healthy competition to all students in the community, while intercollegiate athletics provide competitive opportunities within national organizations.

Lindenwood University became a full member of NCAA Division II in the fall of 2013. The University sponsors baseball, basketball, cross country, field hockey, football, golf women's gymnastics, women's ice hockey, indoor and outdoor track and field, lacrosse, soccer, softball, swimming and diving, tennis, volleyball, and men's wrestling in NCAA Division II.

Intercollegiate athletics programs not associated with the NCAA compete under the Student Life Sports (SLS) umbrella. These programs include bowling, cheerleading (competitive sideline & ice hockey), cycling (road Mountain, downhill, Cyclo-cross, and BMX), dance (Lionline, Lionettes, and ice hockey), men's ice hockey, roller hockey, rugby, shotgun sports (American & Olympic Trap and Skeet, and Sporting Clays), synchronized skating, synchronized swimming, table tennis, water polo, weight lifting (Olympic), women's wrestling, billiards, chess, and speech/debate.

#### **Student Government Association**

All undergraduate and graduate students are encouraged to participate in the Lindenwood Student Government Association (LSGA). The LSGA works to provide a structure for student expression and self-governance. Members of the LSGA play a strong role in the academic and administrative decision-making process of the University through representation in various

planning committees. For more information about LSGA, visit the LSGA Office in the Student Organization Resource Center on the third floor of The Evans Commons, or call 636-627-2538. Students may also access the LSGA Web site, <https://lindenwood.collegiatelink.net/organization/lsga>, or email questions to [LSGAPresident@Lindenwood.edu](mailto:LSGAPresident@Lindenwood.edu).

### **LUTV All-Digital Television Channel**

Qualified students may conduct practicums in the context of St. Charles County's only higher education television venue. The purpose of the station is to offer learning opportunities for Lindenwood's broadcast students, who operate the station under the supervision of the School of Communications faculty. The channel offers original programming designed to provide educational experiences and cultural enrichment. LUTV is available on Charter Cable and online through the Lindenwood website.

### **Radio KCLC FM 89.1 (HD-1 and HD-2)**

Students may also participate in the operation of the Lindenwood all-digital radio station, KCLC-FM (HD-1), through the School of Communications. A 50,000-watt stereo facility, KCLC is the principal local radio station in St Charles County and plays a major role in community affairs, providing entertainment programming, local news gathering, and sports broadcasting. KCLC-FM (HD- 2) is the secondary digital signal, which provides another format for the community and additional student opportunities. Both stations are available on the Internet.

### **Religious Life**

Lindenwood has a historical relationship with the Presbyterian Church and is firmly rooted in Judeo-Christian values. The University provides an ecumenical environment that respects all religious traditions. The Lindenwood University Newman Center is located in Suite F in the Campus Service Center.

### **Conferences**

The University offers a variety of services and accommodations to community groups, religious organizations, businesses, and trade and professional organizations on campus and at off-campus sites. Many conferences, workshops, meetings, and community events are held each year at Lindenwood facilities. Facilities on the St. Charles campus can be reserved at [www.lindenwood.edu](http://www.lindenwood.edu).

### **University Policies**

#### **Abuse of Student Portals**

Any student who gains unauthorized entrance to another student's portal, makes changes to another student's schedule via the student portal, or otherwise tampers with or compromises private or privileged communications will be expelled from Lindenwood University. Additionally, such actions will be brought to the attention of law enforcement officials and may be prosecuted through the legal system.

### **Cancelations Due to Inclement Weather**

Only the President (or, in the President's absence, the Provost or Associate Provost) has the authority to cancel classes in the event of severe weather. Should weather conditions create potentially hazardous conditions, Lindenwood University will evaluate the situation and take into consideration both the safety of faculty, staff, and students as well as the services that must be provided despite the inclement weather. After this careful evaluation and depending on the hazardous weather conditions (e.g., tornado, snow/ice, etc.), an alert will be sent to students, faculty, and staff via a Rave system text message and Lionmail message, as necessary. This alert will detail the appropriate action required of faculty, staff, and students and will also specify the essential services that must be provided despite the occurrence of inclement weather. Instructors are expected to schedule a makeup class meeting when evening classes are cancelled due to inclement weather.

In the unlikely event that LU alters the normal work and/or class schedule, an announcement will be posted on the University's homepage ([lindenwood.edu](http://lindenwood.edu) and [belleville.lindenwood.edu](http://belleville.lindenwood.edu)). An announcement will also be distributed via Lionmail, the Rave system, and local media stations or whatever is deemed most appropriate for the weather conditions. Separate announcements may be made regarding evening classes, (those classes starting at or after 4 p.m.).

The University strives to maintain its teaching, research, and service activities in accordance with established schedules and operational demands. To this end, suspension or cancelation of classes due to inclement weather will be avoided whenever possible. Because certain essential functions of the University must be provided at all times, campus operations will not be suspended in the event of severe weather even though classes may be canceled.

### **Campus Tobacco Use**

The use of both smoking and smokeless tobacco is prohibited in all buildings on campus including classrooms, laboratories, hallways, offices, restrooms, residence halls and lounges. Smoking areas outside of buildings are marked. No smoking is allowed in front of entry doors to buildings unless otherwise indicated by signage.

### **Filing a Grievance**

Lindenwood University shares information from students' formal written complaints with the North Central Association of Colleges and Schools as part of its normal accrediting process. This information is shared in such a manner as to shield all individual identities of complainants. No letters or documents revealing the identities of individual complaints will be shared without the express written permission of the complainants.

The university has established a number of appeal and grievance procedures (such as the process for appealing the suspension of financial aid). Once the normal appeal and grievance procedures have been exhausted, students may submit formal written complaints concerning academic matters to the Provost and complaints concerning student services to the Vice President of Student Development. All other formal written student complaints should be directed to the president's office.

### **Firearms Policy**

No person is permitted to carry firearms or other weapons, either concealed or visible, on Lindenwood property or to any Lindenwood class. The exception to this policy applies only to duly sworn, on-duty law enforcement officers. Off-duty police officers may carry concealed weapons to their Lindenwood classes only if authorized to do so by their employer and the state of Missouri or Illinois.

### **Recording and Electronic Devices**

During classroom instruction and testing, the use of cameras, video, audio taping devices, or any other kinds of electronic devices (including telephones, Google glasses, and Bluetooth devices) is allowed only after obtaining written permission from the instructor; otherwise, the use of such devices is prohibited.

Electronic devices used for prosthetic or accessibility purposes may be used only after the faculty member has received a signed accommodation letter from the Accessibility Officer. Any recordings made during class may not be redistributed to anyone not a member of the class without the express written permission of the instructor and all student subjects of the recording.

Recorded video sessions of a class may be used within that class as long as they are password-protected. Those recordings which involve students cannot be used in future classes. Video sessions of lectures recorded outside of the classroom by the instructor that do not involve students may be used by the instructor in future classes. Students may download electronic course materials for personal use only.

## ADMISSION, APPLICATION, AND FEES & FINANCIAL ASSISTANCE

### Undergraduate Admissions

#### Admission Standards

The University expects applicants to have sound academic preparation for college, and each applicant's academic record is carefully examined to determine whether the student has the potential to succeed at Lindenwood.

Lindenwood University consciously seeks a diverse student body and welcomes applicants from all socioeconomic, religious, and ethnic backgrounds. The University also values geographical diversity and welcomes international students.

#### Selection Criteria

Candidates applying to Lindenwood University are evaluated by the Lindenwood University Office of Day Admissions. Lindenwood recommends that applicants have completed at least 16 units of high school study in academic areas before applying for admission. (One year in a subject is considered an academic unit.) While no single academic preparation is required for admission to Lindenwood, a university preparatory curriculum is preferred; a student's high school records should reflect four years of study in English and English literature and three years of study in natural science, mathematics, and social studies. The University also recommends two years of study in a foreign language as well as some study in the areas of fine and performing arts.

Applicants who are juniors or seniors in high school and are offered admission to Lindenwood University are admitted with the provision that all high school graduation requirements will be completed prior to attending the University. A final high school transcript must be submitted to the Lindenwood Office of Day Admissions after the applicant's high school graduation and must include the applicant's date of graduation.

### Application

#### Domestic Student Application

To be considered for admission to the University, an applicant's file must include each of the following documents:

- Electronic or paper application, along with a non-refundable \$30 application fee.
- Current résumé.
- Personal statement indicating why the applicant wishes to further his/her education or describing the applicant's long-term goals or a specific life experience.
- Official transcripts indicating graduation from the last high school attended or from a home school program.

A GED certificate may be provided in lieu of the high school transcript.

- Results of the ACT or SAT. The Lindenwood code for reporting purposes is 2324 for the ACT and 6367 for the SAT. Transfer students with 24 or more hours of credit, applicants who have been out of high school for five or more years, or those given approval by the Dean of Day Admissions may not be required to submit scores from standardized tests, although such scores are recommended.

*Notes: (1) Provisional admission to the University may be granted by the Dean of Day Admissions on the basis of facsimile copies of high school transcripts, ACT/SAT scores, GED scores, and/or other university transcripts. No financial aid will be distributed while a student remains provisionally admitted.*

*(2) Applicants who have successfully completed a regionally accredited two-year institution may not be required to submit high school transcripts in application for admission to Lindenwood. They will, however, be required to submit official transcripts from the higher education institution(s) they attended. For information regarding approved two-year institutions, call (636) 949-4954 or email [academicservices@lindenwood.edu](mailto:academicservices@lindenwood.edu).*

*(3) Students who are admitted to either Lindenwood-St. Charles or Lindenwood-Belleville and wish to transfer to the other campus must submit a formal application to transfer to the Office of Day Admissions at the destination campus.*

#### Transfer Student Application: U.S. Citizens and Residents

Applicants seeking to transfer university credits awarded at another institution must submit official transcripts from the college or university previously attended directly to the Lindenwood Office of Day Admissions.

Note that while there is no limit on the number of credit hours that may be transferred to Lindenwood, not all credits may transfer, and some credits may transfer only as electives. Please note the following additional terms, conditions, and requirements regarding the transfer of credit to Lindenwood University:

- All credit hours accepted in transfer must be from regionally accredited colleges and universities, except in rare cases. (Students may contact the Director of Day Admissions for a list of non-accredited institutions from which credit is accepted.)
- In order to count toward graduation, all transferred credits must be earned at the 10000 level or above. (Preparatory courses will not be accepted for transfer by the University.)
- Courses taken between the 10000- and 40000-level for which a passing grade has been earned and that contain

content and credit that is similar to or like that of a Lindenwood course will be transferred onto the student's transcript as equivalents of Lindenwood courses and credits. (Only credit hours will be transferred; grades earned at other colleges will be made available on the student's transcript for advising purposes but not computed into the Lindenwood University GPA.)

- Lindenwood departments will determine the equivalency of each transferred course relative to the department's respective degree requirements. If the content of a transferred course is unlike any course offered at Lindenwood but within the University's programmatic range of studies, elective course credit may be granted.
- If the transfer credit is unrelated to any Lindenwood program, a maximum of 12 hours of technical credit may be granted. The appropriate department will determine whether and how the evaluated transfer credit may be used to meet major and minor requirements.
- Credits accepted from another institution that correspond to 30000-level or higher Lindenwood courses will be recognized as fulfilling the University requirement that students complete 42-credit hours at or above the 30000-level. Such courses will also count toward the 128 credit hours required for graduation.
- Lindenwood will accept grades of D or better in transfer except for classes equivalent to ENGL/EPP 15000 and ENGL 17000, which must be transferred with a grade of a C or better. However, a transferred grade of D will be counted for credit toward other general education and elective requirements.
- A student transferring to Lindenwood University with a D in a major course or a major course prerequisite may be required to retake the course at Lindenwood University, as dictated by the policies of the department in which the student is completing his or her major. Decisions concerning requirements to retake courses will be left up to the department chairperson (or dean if the department chairperson is unavailable) who has authority over the major. If a transferred course in which a D is earned is retaken, the transferred course credit will be removed from the transcript.
- Grades of P (pass) will be accepted in transfer and may count for either general education or elective credit, except where minimum grades of C or higher are required.
- If a major or minor course requirement is transferred to Lindenwood with a P (pass) grade, the department chair and the dean of the affected school will determine whether the course will meet the major or minor course requirement or whether the course must be retaken or replaced.

*Notes: (1) Appeals of transfer credit evaluations should be submitted in writing to the Dean of Academic Services.*

*(2) For information about transferring credit for experiential learning or proficiency exam credit, please see Earning Credits through Experiential Learning, Professional Experience, or Examination (p. 33), appearing later in this section of the catalog.*

In addition to the terms outlined above, the following criteria must be met in order for students to qualify for graduation:

- A transfer student must take a minimum of 36 hours in residence in order to receive a Lindenwood degree.
- A transfer student must complete a minimum of 50 percent of all courses required for his or her major, minor, emphasis, and track at Lindenwood University, but a department or school may require a higher minimum number of hours to be taken at Lindenwood University in the major, minor, emphasis or track area to earn a degree.

### **International Student Application**

To be considered for admission to the University, all international students are required to submit the following documents:

- Electronic or paper international student application, along with a non-refundable \$100 application fee.
- Current résumé.
- Personal statement indicating why the applicant wishes to further his/her education or describing the applicant's long-term goals or a specific life experience.
- Official transcripts indicating graduation from the last high school attended, along with official transcripts of any college or university attended, if applicable. If the transcript(s) are from a U.S. school or schools, the transcript(s) must be original and sent directly from the U.S. institution(s). If the transcript(s) are from an international institution or institutions, the transcript(s) must be in their original language and accompanied by certified English translation(s). These documents will not be returned to the student. They will become part of the student's official file at Lindenwood University.
- Official TOEFL or IELTS score. For score reporting, the Lindenwood University code is 6367.
  - Required minimum TOEFL scores:
    - 500 (paper-based)
    - 173 (computer-based)
    - 61 (Internet-based)
  - Required minimum IELTS score: 6.0



- Affidavit of support verifying the amount of personal or family funds (in U.S. dollars) available for tuition, personal costs, and educational expenses (books, insurance). The affidavit should provide an official document or statement from the applicant's bank. Documents must be in English.
- Passport (clear, readable copy of the identification page).
- Housing application, along with a \$300 housing deposit, made payable to Lindenwood University. International residential students are obligated to pay the housing costs for the entire academic year once a housing form is signed and submitted to the Office of Residential Life. Campus housing will be assigned upon receipt of the housing application and deposit, and written confirmation (via email) from the applicant of having received an F-1 Student Visa. Students should include an email address on the housing form.

*Notes: (1) The minimum TOEFL and IELTS scores listed above are requirements for admission to the University. Upon arrival, students will also undergo on-site English language testing to determine English language proficiency. Students whose on-site language testing results indicate an English language proficiency below the level necessary for placement into college-level coursework will be placed into courses at the pre-college level, through the University's English as a Second Language (ESL) Program.*

*(2) For information regarding the transfer of credit for particular coursework, refer to the Academic Procedures (p. 29) section of this catalog.*

#### **Application for the Transfer of International Credit**

If an international candidate wishes to transfer credit to Lindenwood from an overseas school, the applicant must apply for a *course-by-course evaluation* from World Evaluation Services (WES). No application for the transfer of international credit will be complete until the WES evaluation is provided. Applicants should list Lindenwood University as the recipient of the evaluation. WES will also provide a copy of the evaluation directly to the applicant. The applicant should keep this copy of the evaluation for his/her records. For more information about transcript evaluation, contact WES at [www.wes.org](http://www.wes.org). Also see the *Transferring Credit from International Institutions* (p. 31) section of this catalog.

*Notes: (1) Students must request a course-by-course evaluation (not a document-by-document evaluation) in order to transfer credit to Lindenwood for particular coursework.*

*(2) The cost for the evaluation of international transcripts will be incurred by the applicant. However, once the applicant obtains a visa and arrives at Lindenwood University, the cost of the evaluation will be refunded, provided that the applicant brings in the receipt for the evaluation service to the Business Office.*

#### **International Transfer Student from other US Programs**

In addition to submitting the materials required for admission, international students wishing to transfer to Lindenwood from a SEVIS sponsored school should also submit the following documents:

- Official transcripts from the college or university previously attended, sent directly to Lindenwood University.
- The transfer applicant should also complete the transfer student application (found on the University website on the international homepage) and forward it to the appropriate official at the school the student previously attended, where it will be processed by the previous school and returned to the Lindenwood University Office of International Students and Scholars.

The student's transfer will not be considered complete until Lindenwood University receives the completed transfer paperwork. Once the transfer application has been processed, Lindenwood will issue the student a Lindenwood I-20, permitting the student to legally reside in the U.S. as a full time international student.

Students should send all required documents and any other relevant information to complete the application to Lindenwood University, Office of International Students and Scholars, 209 S. Kingshighway, St. Charles, MO 63301 – 1695. The email address is [international@lindenwood.edu](mailto:international@lindenwood.edu); the phone number is (636) 949-4982, and the FAX is (636) 949-4108.

International students must arrive on the designated date prior to the start of classes each semester to move into housing. Upon arrival, international students will receive an orientation to the University and an introduction to academic programs and requirements.

#### **Health Insurance for International Students**

Students are encouraged to be insured while studying in the United States. Lindenwood University does not provide insurance for students. Students may carry any health insurance policies they choose.

#### **Health Requirements for Residential Students**

In accordance with recommendations made by the American College Health Association (ACHA), all applicants must provide proof of the following immunizations to be considered for admission:

- Two doses of MMR (Measles, Mumps, and Rubella). Even if incomplete, students must provide dates of any doses received. This immunization is not required for students born before 1956.
- Meningococcal Vaccination. Students residing in on-campus housing are required by state law to receive the meningococcal vaccine or sign a waiver refusing the vaccination.

- Tuberculosis (TB). This vaccination is required for students who have lived in Africa, Asia, Central or South America, or Eastern Europe.

## Financial Assistance

Financial aid is available to all qualified students. Financial need may be met through a combination of state, federal, and institutional aid. Federal grants are outlined elsewhere in this catalog. Institutional awards and grants are offered in the areas of academics, leadership, athletics, and the fine arts.

The financial aid program provides assistance to students with financial need who would otherwise be unable to receive an education. Financial need is calculated as the difference between the cost of attendance and the expected family contribution from the student and his/her parent(s). The primary responsibility for paying the student's education expenses rests with the student and his/her family, and the University expects both the student and his/her parent(s) to make a realistic contribution to meet these costs; financial aid is a supplement for those students and families who cannot afford the entire cost of a university education.

Financial aid is provided in the form of an award, grant, or loan and/or work funds that will help meet this need. What the student is expected to pay is determined by a standard analysis of the financial statement the student and his/her family must file. Lindenwood University uses the Free Application for Federal Student Aid (FAFSA) to determine eligibility for all Title IV and institutional assistance. Upon completion of all documentation necessary to establish eligibility, financial assistance will be posted to students' accounts at least once each term.

To be considered for financial assistance, a student applying for need-based aid must complete a FAFSA (Free Application for Federal Student Aid) online at [www.fafsa.ed.gov](http://www.fafsa.ed.gov). The LU school code is 002480. If students have any questions about their SAR (Student Aid Report), they are encouraged to call 1-800-433-3243. Lindenwood does not require students to fill out supplementary fee-based forms to determine eligibility for institutional financial aid.

All students wishing to receive Title IV aid must submit a valid set of Student Aid Reports or a valid ISIR (Institutional Student Information Record), which results from the processing of the FAFSA, and must complete any required verification.

### Institutional Scholarships and Grants

A variety of scholarships are awarded to students who have excelled in fields of study, community activities, the arts, or athletic competition. Lindenwood University's admissions counselors can advise prospective students of the full program of scholarship availability. Although Lindenwood University scholarships and grants are credited in total at the beginning of each term, they are

actually earned as tuition and room and board charges are incurred. If, as a result of being "unearned," a student's Lindenwood scholarship or grant is reduced, the corresponding charges for tuition, room, and board will be proportionately increased. All institutional aid will be reduced in accordance with the student's reduced scholarship or grant.

Lindenwood University undergraduate grants/scholarships are intended for and may only be used for undergraduate programs; they are not intended for and may not be used for graduate programs.

Lindenwood University offers a 50 percent scholarship to all persons age 60 and over. The University also offers partial institutional grants for employees of selected companies, municipalities, and school systems. These grants may only be applied toward courses taken for credit and do not apply to courses that are audited. Any other funding may first replace the Lindenwood University funding. It is the responsibility of the student to inform the admissions counselor of any scholarship opportunities for which the student may be eligible.

### Student Employment

Most full-time resident students are eligible to defray a portion of their university costs by participating in the Lindenwood University Work and Learn Program on campus. Generally, compensation that would otherwise be provided for this work is instead credited against the student's account. If the student chooses not to participate in the Work and Learn program or to complete his/her work study, the balance is payable to the Business Office at that time.

## Federal Financial Aid

### Federal Pell Grant Program

Eligibility is determined by the Pell Grant processor and is based on a student's Estimated Family Contribution (EFC). The student must submit the Free Application for Federal Student Aid (FAFSA) and request that pertinent financial data be sent to the Pell Grant processing agency for determination of eligibility. The results are forwarded to the student in the form of a Student Aid Report (SAR). Electronic filing results will be sent directly to the institution in the form of an Institutional Student Information Record (ISIR). Pell Grant eligibility is limited to six full-time years.

### Federal Supplemental Equal Opportunity Grant (FSEOG)

Eligibility for this grant depends upon the extent of a family's inability to pay the educational costs, which is determined by an analysis of the family's financial situation, as reflected on the Student Aid Reports.

### Federal Work-Study Program (FWS)

This program provides work opportunity for needy students. Eligibility is dependent upon the extent of

financial need, as determined by an analysis of the FAFSA. If a student is awarded work-study funds as part of the financial aid package, that student may seek employment on campus. Ordinarily a student will work 10 hours per week while attending school. Wages are \$8 per hour.

### **Federal Loan Programs/Direct Subsidized Federal Stafford Loan**

The federal government guarantees loans from \$3,500 to \$5,500 for eligible undergraduates. These loans are made by the Department of Education and interest is subsidized. Interest rates for federally guaranteed student loans are set annually. Please consult the Department of Education website for the current interest rate  
<https://studentaid.ed.gov/types/loans/interest-rates>.

### **Eligible Stafford Borrower Limits**

#### ***Undergraduate Study***

1st year of study	\$3,500/academic year
2nd year of study	\$4,500/academic/year
3rd, 4th & 5th years of study	\$5,500/academic year
Cumulative limit	\$23,000

Interest rates for federally guaranteed student loans are set annually. Please consult the Department of Education website for the current interest rate  
<https://studentaid.ed.gov/types/loans/interest-rates>. Students must file the FAFSA to determine eligibility for a Stafford Loan. Subsidized loan eligibility is limited for first-time borrowers to 150% of the length of the borrower's educational program.

### **Unsubsidized Federal Stafford Loan**

Students who meet the eligibility requirements under section 484 of the Higher Education Amendments and who do not qualify for interest subsidies under the Stafford Loan program may borrow under the Unsubsidized Stafford Loan program. Like the Federal Subsidized Stafford Loan program, the Unsubsidized Stafford Loan is available to all eligible students, and students must complete a valid need analysis.

Unsubsidized Stafford Loans are not need based; interest accruing on the loan is not subsidized (or paid) by the federal government while the student is in school. Students must therefore pay the interest payments while in school or allow the interest to capitalize. Interest rates for federally guaranteed student loans are set annually. Please consult the Department of Education website for the current interest rate  
<https://studentaid.ed.gov/types/loans/interest-rates>.

### **Federal Parent Loans (FPLUS)**

Parents may borrow for dependent undergraduate or dependent graduate and professional students. The maximum amount a parent may borrow on behalf of each eligible student is limited to the cost of education, less

financial aid. These loan limits do not include amounts borrowed by a student under the FSL programs. FPLUS loans do not qualify for interest subsidy. Interest rates for federally guaranteed student loans are set annually. Please consult the Department of Education website for the current interest rate  
<https://studentaid.ed.gov/types/loans/interest-rates>.

### **Unsubsidized Loan (Formerly SLS)**

Unsubsidized loans to dependent students provide for a maximum of \$2,000 per year for undergraduate study, with an aggregate loan limit of \$8,000. Independent students can borrow \$6,000 per year for the first two years of study and \$7,000 per year for the third or subsequent years, with an aggregate loan limit of \$31,000. Graduate students can borrow up to \$20,500 per year with an aggregate loan limit of \$138,500.

Loans made under the unsubsidized loan program are not eligible for interest subsidy. Students must therefore pay this interest payment while in school, or allow the interest to capitalize. Interest rates for federally guaranteed student loans are set annually. Please consult the Department of Education website for the current interest rate  
<https://studentaid.ed.gov/types/loans/interest-rates>.

### **Limiting Loan Borrowing**

Pursuant to section 479A(c) of the Higher Education Act, Lindenwood University reserves the right to refuse to certify a loan application or to reduce the amount of the loan in individual cases where the institution determines that the portion of the student's costs covered by the loan could more appropriately be met directly by the student. In addition, requested loan amounts will be reviewed to ensure compliance with educational purpose regulations.

### **Loan Repayment**

Student loans are funds borrowed by students to pay educational expenses. Student loans must be repaid, as outlined in University literature. A sample loan repayment schedule may be obtained by contacting the Financial Aid Office.

Student loan entrance and exit interviews are required for the Federal Stafford Loan Program (required by 34 CFR 685.304). The terms and conditions under which borrowers under the Direct Loan Program may defer payments of their loan principal and interest are reviewed during the exit interview. Additional information regarding deferment of loan repayment may be obtained by contacting the student loan guarantor or the Financial Aid Office.

### **Veterans' Benefits**

Veterans who believe they may be eligible for benefits can receive information and applications through the Veterans' Administration (V.A.) Certifying Official at the University. Educational assistance is also provided to widows or children of veterans who died in service or as a result of

service related injuries. Spouses and children of disabled veterans are also eligible for assistance.

It is the responsibility of the students to notify the V.A. Certifying Official of any changes in their class schedules. The V.A. Certifying Official promptly reports to the Veterans Administration when notified that a veteran is making unsatisfactory progress or has withdrawn from a class or from studies.

Because of requirements imposed by the Veterans' Administration, and as a condition of being certified to receive benefits from the V.A., the student receiving such benefits acknowledges the following policies, which may differ from those required of other students at Lindenwood:

- The University will notify the V.A. of all terminations, interruptions, or changes in semester-hour load within 30 days. This may change the benefits available to the student.
- The student accepts the responsibility of notifying the Registrar, the V.A. Certifying Official at the University, and his/ her advisor immediately in case of withdrawal from any course.
- The student accepts the responsibility of notifying his/ her instructors of any expected absence from class. A student may be withdrawn by the University for excessive absence.
- The Veterans Administration will be informed that progress is no longer satisfactory with the accumulation of 12 or more hours of F grades.
- Students receiving benefits through the Veterans' Administration must comply with the University's general policies regarding withdrawal, attendance, and satisfactory progress.

If you have any questions regarding Veteran's Benefits, please call (636)-949-4105.

## Fees and Payments

When students have accepted their offer of admission to Lindenwood, students and their parents and/or guardians likewise accept all conditions of payment as well as all terms and regulations of the University. By making the non-refundable \$300 housing deposit (described below), the student and the parent or guardian acknowledge these terms and signify acceptance of these obligations. No promise or contract that differs from these terms shall bind the University unless it has been signed by the Chief Operating Officer of Lindenwood University. The University reserves the right to increase or reduce fees each year according to changes in fiscal conditions.

### Housing Deposit

An initial \$300 housing deposit is required to reserve campus housing for residential students. By making the

housing deposit, the student and the student's parent or guardian indicate acceptance of the terms and conditions of the University. No refund of this housing deposit will be granted to any student who withdraws from the University after making this deposit but prior to the start of an academic term.

The housing deposit becomes a refundable room-damage deposit once the student has attended classes, and the semester charges have been paid. This deposit remains on account at the University for as long as the student resides in University housing. The cost for any damages to the student's University housing will be deducted from the deposit.

Students are eligible for this refund upon departure from campus housing (coinciding with graduation or any move from University housing). In order to qualify for this refund, students must meet all financial obligations to the University, satisfy all outstanding debts, and complete the Residential Check-Out process. Any student wishing to move off campus and receive a refund of the housing deposit must also personally notify the Office of Residential Life in writing of his or her plans to move out of University housing. Failure to do so by the date of the last class or exam of the semester or prior to vacating campus housing will result in forfeiture of the deposit.

Application materials for the refund of the room-damage deposit are available in the Business Office; materials for the residential check out process are available through the Office of Student and Academic Support Services (Memorial Arts Building).

## Student Expenses

### Full-time Undergraduate Semester Tuition

12 - 18 credit hours	\$7,836/semester
Overload fee (a charge to full-time students who take more than 18 hours in a term)	\$453/credit hour

### Part-time Tuition

Undergraduate semester	\$453/credit hour
Undergraduate quarter	\$375/credit hour

### Housing & Meals

Undergraduate semester	\$3,787/term
Undergraduate quarter	\$3,142/quarter
Room fee during breaks	\$246/week
Meal charge (initial load)	\$25

*Note: An additional charge may be added for all single rooms in the dormitories and/or apartment/house living quarters (as available).*

### Other Fees

Housing deposit (non-refundable)	\$300
Student health and activity fee	\$175/term

Communications fee (Residence halls)	\$150/term
Student email fee	\$30/term
Online surcharge	10%/course
Lab fee (in specified courses)	\$30-\$75
Studio fee (general)	\$30-\$75
Studio course fee*	\$85/course
Student teaching fee	\$250
Applied music course fee**	\$200/credit hour
Experiential learning fee (one-time)	\$300
Experiential learning credit	\$90/credit hour
Promissory note origination fee	\$25
Late payment fee (per month)	\$50
Culminating project extension fee	\$50
Graduation processing/diploma fee	\$100
Academic Integrity tutorial fee	\$25
Writing Proficiency Assessment (WPA) fee	\$5

\*Studio course fees are applied to courses such as ceramics, color theory, photography, and figure drawing.

\*\* Applied music fees are applied to individual lessons in piano, voice, orchestral instruments, and organ.

Note: Provisions for "extended stay" housing and meals, degree programs, and tutoring and additional services are available upon request.

Students are expected to pay tuition charges prior to the beginning of each term. Students may use financial aid (grants and loans) as payment. Student Aid Reports and loan applications should be submitted to the Financial Aid Office prior to the beginning of each term.

The communications fee for residential students covers telephone service, voicemail, and cable TV services. The University provides complimentary Internet service to resident students living in the dormitories and some living in other campus housing.

**Payment Options**

All tuition charges and fees are due prior to the beginning of the term. Students should consult their student account representatives in the Business Office regarding due dates or to make other payment arrangements prior to the beginning of the term. Alternately, students may also utilize their student portals to remit payment. Payment options include the following items:

- Corporate Promissory Note: The Corporate Promissory Note is available to students who work for companies that have tuition reimbursement plans. (Proof of employment and a copy of the company's reimbursement policy must be on file in the Business Office. The amount of the promissory note cannot exceed the amount the employer pays for tuition for each term. The due date for all promissory notes is 30

days following the conclusion of the term for which the note applies. A monthly late charge will be assessed after this date. By signing a promissory note, students give Lindenwood University permission to contact their employers if the note is not paid by the date due. Any payment or financial aid received prior to the promissory note due date will be applied to the balance appearing on the student's account.

- Direct Debit Payment Note (DDP): Lindenwood University offers a Direct Debit Payment Plan for the convenience of students. Payments can be made directly (electronically) from a checking or savings account; there are no fees associated with this method of payment.

**Delinquent Accounts**

Students must meet all financial obligations to the University in order to qualify for continued enrollment or graduation. Each semester or term, students must pay all money due to the University, including tuition, fees, parking fines, library fines, and any other financial obligation. A student with a delinquent account can expect the following:

- Enrollment for the subsequent term will not be allowed.
- Grades for the current term will be withheld.
- A transcript will not be issued.

**St. Charles City-County Library District Fines**

The University, in cooperation with the St. Charles City-County Library District, will collect any fines or assessments due the library and bill them to the student's account. Any sums due will be treated as any other student fee.

**Withdrawal and Refund Calculation**

In the event that a student wishes to withdraw from a course or courses or from the University altogether, the following conditions apply with respect to the refund of tuition charges.

1. Any student who withdraws from the University prior to the beginning of a term is eligible for a refund of all payments for that term except the initial \$300 housing deposit.
2. Any student who withdraws from all of his or her courses after a term has begun is eligible for a refund of the tuition charges (including course-overload charges) for the courses he or she attended upon the start of the term. Refunds are granted according to the schedule below.

Time of Withdrawal from University	Tuition Refund
During weeks 1 and 2 of term	75%
During week 3 of term	50%
During week 4 of term	25%
After week 4 of term	No refund

3. Any part-time student (enrolled in 11 or fewer credit hours) who withdraws from one or more courses once a term has begun is eligible for a refund of the tuition charges for those courses according to the schedule in the table above.
4. Full-time students (enrolled in 12 to 18 credit hours) whose academic status is not affected by the withdrawal from a course or courses are not eligible for any refund of tuition for those courses.

Any student wishing to withdraw from Lindenwood University should submit a completed withdrawal form (with the signatures of the instructors for each of the courses the student attended and the signature of the student's advisor) to the Academic Services Office, located in the lower level of Roemer Hall, between the hours of 8 a.m. - 6 p.m. Monday through Thursday, 8 a.m. - 5 p.m. Fridays, or 8 a.m. - 4 p.m. Saturdays.

*Notes: (1) Calculations of the return of Title IV aid for withdrawals occurring during the first two weeks of a term will be based on the last date of attendance for the term in which the student withdraws. Students who initiate a withdrawal from the University after the first two weeks of the term will be eligible for a refund of Title IV aid based on the date that the withdrawal form was submitted to Academic Services. A student who remains enrolled beyond the 60% point of the term will not be entitled to a return of Title IV aid.*

*(2) Any student who earns the grade of AF in all coursework within a term will be considered unofficially withdrawn for that term and will be subject to a Title IV refund calculation. Based on this calculation a portion of Title IV aid may be unearned and required to be returned to the appropriate agency.*

*(3) No refund for housing charges will be made for a term after the student signs either a New Student Housing Application or a Returning Student Housing Application. Application, activity, lab, miscellaneous fees, and room reservation deposits are nonrefundable, except as indicated under the Housing Deposit (p. 19) section of this catalog.*

*(4) Board charges are pro-rated on a weekly basis from the date of withdrawal.*

### Appeals of Refund Calculation

Appeals of withdrawal and refund calculations or other institutional charges from students and parents who feel that individual circumstances warrant exceptions from published policy should be addressed to the Chief Business Officer (CBO), located in Roemer Hall. In order to appeal a decision, the student must submit a written request to the CBO including any evidence that would substantiate the appeal.

### Refund Distribution of Financial Aid

After the amount of the refund has been calculated, the Financial Aid Office will determine the Title IV refund amounts according to the calculation schedule approved by the US Department of Education. Refunds to specific Title

IV programs will be made to the following programs in the order outlined:

1. Outstanding balances on FFEL Program Loans (Unsubsidized Stafford, Subsidized Stafford)
2. PLUS
3. Federal Pell Grant awards
4. Federal SEOG awards
5. Other Title IV student assistance
6. Other federal, state, private, or institutional aid
7. The student

No Title IV program may receive a portion of the federal refund amount if that program was not part of the student's original package.

### Cash Disbursements

When a student officially or unofficially withdraws from school and has received a cash disbursement for educational expenses that exceeds non-institutional costs of education up to that time, the student owes the excess amount to the Title IV program(s) which helped meet the student's educational costs. Lindenwood University will follow the same procedures used in the refund policy to determine which Title IV program(s) will receive the student-owed repayment. The University will notify, bill, and collect the amount owed the Title IV program(s) from the student.

### Maintaining Financial Aid Eligibility

#### Satisfactory Academic Progress for Financial Aid, Undergraduates

In order to maintain eligibility for financial aid, students must maintain satisfactory academic progress, which requires a student to earn a minimum number of credit hours over a maximum number of enrollment periods and achieve a minimum cumulative grade point average for each period of attendance. The cumulative requirements are outlined below.

#### Full time Undergraduate Satisfactory Academic Progress

Academic Semesters Attempted	Minimum Earned Credit Hours	Cumulative GPA
1	8	1.7
2	16	1.8
3	26	1.9
4	36	2.0
5	46	2.0
6	57	2.0
7	68	2.0
8	80	2.0
9	92	2.0
10	104	2.0
11	116	2.0

12

128

2.0

**Part-time Undergraduate Satisfactory Academic Progress**

Part-time undergraduate students must successfully complete at least 50 percent of their attempted credit hours and be in good academic standing at the point in the program that is consistent with the requirement for graduation outlined above.

**Financial Aid Warning/Suspension**

If a student fails to meet the minimum requirements outlined in the Satisfactory Academic Progress table, the student will be placed on financial aid warning for the subsequent term of enrollment. If, at the end of the financial aid warning term, the student does not meet the minimum requirements for satisfactory academic progress, the student will be placed on financial aid suspension and will not be eligible for financial aid reinstatement until the minimum cumulative requirements of the policy are attained. Institutional grants awarded to students later placed on financial warning or suspension will also be reevaluated. Financial aid warning and suspension are calculated and applied independently from academic warning or academic suspension.

*Notes: (1) Transfer credit hours that are accepted by Lindenwood University will be included in the calculation of satisfactory academic progress and will count as both "attempted" and "completed" hours.*

*(2) Students wishing to apply for and receive Title IV assistance must meet specific academic progress requirements in order to maintain Title IV financial aid eligibility. Failure to maintain minimum academic progress will result in a student being ineligible to receive Title IV financial assistance following one financial aid warning term (semester or quarter).*

**Reinstatement of Aid after Financial Aid Suspension**

Financial aid will be reinstated only after the student achieves the minimum cumulative requirements for satisfactory academic progress outlined in the table.

*Note: Withdrawal from the University has no effect on the student's satisfactory progress upon readmission.*

**Appeals of Financial Aid Suspension**

A student has the right to appeal the suspension of his or her financial aid if he/she feels that the requirements of the satisfactory academic progress were met and that the suspension of aid is inappropriate, or if the student believes that undue hardship (death of a relative, injury, or illness, or similar special circumstances) directly affected his or her academic performance.

To appeal the suspension of financial aid, the student must submit a letter of appeal, along with any relevant supporting documentation to the Director of Financial Aid. If the student's appeal is granted, the student will be placed

on financial aid probation and will be given one subsequent term of enrollment to meet the minimum satisfactory academic progress requirements. If the appeal is denied, the student will be ineligible to receive Title IV aid until the academic requirements are met.

**Combining Terms of Enrollment**

In some cases, students can combine enrollments in two or more concurrent terms to attain the minimum enrollment for financial aid eligibility. Terms may be combined as follows:

Fall Semester	and/or	Fall Quarter	and/or	Fall MBA I
Fall Semester	and/or	Fall Quarter	and/or	Fall MBA II
Spring Semester	and/or	Winter Quarter	and/or	Spring MBA I
Spring Semester	and/or	Winter Quarter	and/or	Spring MBA II
Summer Semester	and			Summer MBA

*Note: Spring Quarter and Summer Quarter may not be combined with any other term.*

**State Financial Aid**

Several grants are available to Missouri residents who attend eligible institutions in the state of Missouri. Lindenwood University is an eligible institution.

**Access Missouri Financial Assistance Program****(Formerly the Charles Gallagher Student Financial Assistance Program)**

The Access Missouri Financial Assistance program is a need-based grant available to eligible full-time Missouri resident undergraduate students. Please visit the Missouri Department of Education website at <http://www.dhe.mo.gov/accessmo.shtml> for a list of eligibility criteria.

**Missouri Higher Education Academic Scholarship Program**

The Missouri Higher Education Academic Scholarship program is available to Missouri residents who have a composite score on either the ACT or SAT tests that places them in the top three percent of all Missouri students taking those tests. The scholarship is renewable for up to four years for Missouri residents who enroll as full-time undergraduate students and maintain a 2.5 cumulative GPA at an approved institution for the period of the scholarship. Lindenwood University is an approved eligible institution. Students will be notified by the Missouri Department of Higher Education as to their eligibility.

**Marguerite Ross Barnett Memorial Scholarship Program**

This program is available to eligible students who are enrolled part-time and who are employed for at least 20 hours a week. Students interested in this program should visit the Missouri Department of Education website at <http://www.dhe.mo.gov> for eligibility criteria.

**Vocational Rehabilitation**

Vocational rehabilitation assistance may be available for students with disabilities. Students should contact their regional office of Vocational Rehabilitation in regard to benefits.

**Montgomery G.I. Bill, MOARG, and ROTC**

Lindenwood assists qualified students in obtaining financial assistance for their education through the various military funding sources. Missouri Army National Guard and Reserve Officer Training Corps members may be eligible for special financial incentives and entitlements such as Lindenwood ROTC GRANT, ARNG Federal Tuition Assistance, MOARNG State Tuition, Monthly Drill Pay, ROTC Stipend, Montgomery G.I. Bill, and Kicker. Information is available from the V.A. school certifying official.



## ACADEMIC POLICIES, PROCEDURES, AND ACADEMIC SERVICES

### Academic Policies

#### Academic Load and Enrollment Requirements

All academic credit is stated in semester credit hours. Full-time and part-time student status is determined by the number of credit hours in which a student is enrolled during any given term. In credit hours, the academic load for semester students is as follows:

##### **Full time**

Twelve or more credit hours

##### **Part-time**

Nine to eleven credit hours (three quarter-time)

Six to eight credit hours: (half-time)

One to five credit hours: (less than half-time)

*Notes: (1) International students must maintain full-time student status to remain in compliance with US visa regulations.*

*(2) Course extensions (including culminating project extensions, capstone extensions, and thesis extensions) are not counted among a student's "hours enrolled." For this reason, students who are only enrolled in the completion of a thesis, capstone experience, or culminating project are considered less than half-time students.*

*(2) Missouri students expecting to qualify for Missouri State Grant funds are required by the state to be enrolled in a minimum of 12 hours per semester or 9 hours per quarter both at the time the funds are requested and at the time the funds are received.*

Full-time students may enroll in a minimum of 12 credit hours and a maximum of 18 hours per semester at no additional cost (other than any costs for lab fees or other fees associated with particular courses). Students enrolled in more than 18 credit hours in a semester are subject to an overload fee and must receive approval for the overload by the Dean of Academic Services. Students with cumulative grade point averages above 3.3 may take courses up to 24 credit hours at no extra charge, with administrative authorization. Students should complete the Petition for Academic Course Overload form to request approval to enroll in more than 18 hours of credit per semester.

#### Expectation of Student Work

Student work is defined as assignments, homework, and other academic activities to be completed outside of instructional time, including reading, studying, writing, research etc. Students should expect to spend a minimum of two hours per week completing this work for each credit hour enrolled (thus 6 hours of work outside of class for a 3-hour course), although the time spent outside of class may increase based on the topic and level of the course.

### Classification of Students

Academic progress is calculated in credit hours.

- To be classified as a sophomore, a student must have successfully completed at least 24 credit hours.
- To be classified as a junior, a student must have successfully completed at least 54 credit hours.
- To be classified as a senior, the student must have successfully completed at least 84 credit hours.

The classification of a student is changed only at the end of a semester or term. A minimum of 128 credit hours (not including courses completed at the preparatory or pre-college level, numbered 01000-09999) are necessary to complete a bachelor's degree.

### Declaration of Major

All undergraduate students must declare a major by the time they complete their fourth semester of full time enrollment by submitting a Change of Major/Advisor form to the Office of Academic Services, located in Roemer Hall. This form must be completed, signed by the student and his/her advisor(s). For any subsequent change of major, the same procedure should be followed.

#### **Double Major/Second Bachelor's Degree/Second Bachelor's Major**

It is possible for a student to earn more than one undergraduate baccalaureate degree type from Lindenwood University. These degrees may be pursued either simultaneously or sequentially. They may be earned in the same school or in two or more schools of the University.

Degree types offered at Lindenwood include BA, BFA, BS, BSW, or BSN. A student may earn a given degree type, only once. For example a student may not earn more than one (BA) or (BS) etc. if he or she pursues majors leading towards the same degree type. (See information on double major)

A student may earn degrees of different types. For example a student may earn a BA and a BS or a BA and a BFA if he or she pursues different majors leading toward each degree type. Students may earn any combination of degree types.

#### **Pursuing Two Bachelor's Degrees or a Double Major Simultaneously: No break in attendance**

##### *Double Major*

If a student simultaneously completes the requirements of two majors leading towards the same degree type, the student will earn one degree, and both majors will be noted on the student's transcript. The student must complete the core requirements for both majors in addition to the general education requirements for the degree earned. (Refer to General Education Requirements by degree.)

**Second Bachelor's Degree**

If a student simultaneously completes the requirements of majors leading towards degrees of different type, the student will earn two degrees with each major noted under the appropriate degree on the student's transcript. The student must complete the core requirements of each major in addition to the general education requirements of the combined degrees. (Refer to General Education Requirements by degree.)

**Pursuing a Second Bachelor's Degree or Second Bachelor's Major Sequentially: After a break in attendance****Second Bachelor's Degree**

A student who has previously earned a baccalaureate degree from Lindenwood University may return to earn a second bachelor's degree if he or she is seeking a major leading to a degree type not previously earned at Lindenwood University. The student must complete the core requirements of the major in addition to the general education requirements of the degree type not previously earned. Upon completion of all requirements, the second degree and major will be added to the student's transcript. The student will receive a new diploma listing the degree and major earned.

**Second Bachelor's Major**

A student who has previously earned a baccalaureate degree from Lindenwood University may return to earn a second bachelor's major if he or she is seeking a major leading to the same degree type previously earned at Lindenwood University. The student must complete the core requirements of the second major. Upon completion of all requirements, the second major will be added to the student's transcript with the notation "Second Bachelor's Major." The student will not receive a new diploma as no new degree type has been earned.

**Non-Degree Seeking Students**

A student who is not seeking certification or any degree with Lindenwood University may be accepted as a Non-Degree, "Special Status" student. Students accepted with Special Status may not take more than twelve (12) credit hours of regular, undergraduate, or graduate credit without being fully admitted. This policy does not apply to Cooperative (Workshop) credit. Students accepted with Special Status will not be eligible for financial aid or student loans as they are not fully admitted to the university. Payment arrangements must be made with the Business Office prior to attending class.

**Extra Credit**

At the instructor's discretion, extra credit opportunities may be offered in undergraduate courses. Such opportunities must be equally accessible to all students enrolled in the course. No extra credit is to be offered in graduate-level courses.

**Attendance**

All students at Lindenwood University are expected to attend all classes and all class activities for which they have enrolled. If classes are missed, a student is expected to inform the instructor and to make up the work to the satisfaction of the instructor concerned.

At times, absence from class may be unavoidable—as in instances of prolonged illness, hospitalization, mandatory religious practices, or participation in an approved student activity. (For information regarding absence due to University-sponsored activity, see the Excused Absence Policy for Students Engaged in LU Authorized Events). A student who has been hospitalized should submit a doctor's verification to the instructors of the courses missed. Written verification of religious observances may be required.

In the case of unsatisfactory work due to excessive absences from class, the instructor may give ample warning to the student that his/her work is unsatisfactory and may report a final grade of F or AF to the registrar.

*Note: Persons receiving benefits from the Veterans Administration are governed by special regulations concerning class attendance. See Veterans' Benefits, appearing earlier in this catalog.*

**Excused Absence Policy for Students Engaged in LU Authorized Events**

Lindenwood University allows students engaged in official sports contests, arts events, approved field trips, approved conferences, etc., to be excused from class for University-sponsored events in which those students are officially representing the University. Students are required to communicate personally with their professors regarding their anticipated absences and make arrangements for missed work in advance of their University-authorized absences. When make-up work is pertinent, students who have provided their professors with advance notice should be afforded the opportunity to complete that work or an educationally equivalent and substitutable activity at a time and place mutually agreed upon by the student and the faculty member.

*Note: Students enrolled in classes with extremely compressed meeting schedules will not be excused from class attendance, even for a university-authorized event, if participation in the event would cause the student to miss a significant portion of the scheduled meeting time. Such classes will be clearly identified in the course syllabus and in the student portal. Students who enroll in such a class and find that they must be absent will be advised to withdraw from the class.*

**Responsibilities Related to Excused Absence Policy**

All members of the Lindenwood community have responsibilities to ensure that the Excused Absence Policy functions properly and efficiently for students, staff, and

faculty. Below are the responsibilities of each party affected by or involved with the Excused Absence Policy:

#### ***Athletics Department***

The Lindenwood Athletics Department will provide notice of upcoming student-athlete absences for a sporting event or related, excused sports activity. The notice will be sent through CAMS and student-athletes will appear in red on faculty portals. This notice is to inform faculty that the student-athlete is representing the University in an athletics event or function. Student-Athletes will be given travel letters to hand to each individual professor on the first day of class. It is the responsibility of the student-athletes to remind the professor of their absence at least 48 hours in advance and to make up any missed work.

#### ***Academic Departments***

A faculty member or academic department sponsoring a special co-curricular event or outing should first complete a field trip form and submit it to the office of the Provost for approval. This form should list the name of each student attending the outing, along with a sponsor signature, serving to stipulate that all students who will be traveling have signed a travel waiver. Once the outing is approved, the sponsor must provide at least 48 hours' advance written notice to the University community by sending the list of names of all students who will be absent from class or other University related event because they are representing the University at an event or function. This list is to be sent to the Director of Executive Communication for distribution. If a situation arises in which 48 hours' notice is not possible, the sponsoring professor or department should notify the faculty of changes or additions to the list of excused students as soon as possible.

#### ***Professors***

Professors affected by excused student absences should make reasonable accommodations for excused students who are missing class or other academic activities because of their participation in an event or other function related to their participation in a scheduled, University-authorized co-curricular event. Professors should, in advance of any such excused absences, stipulate in writing (i.e. in the course syllabus) their expectations of and procedures for students who must miss class for authorized reasons. Each professor's expectations and procedures should meet the parameters outlined in this Excused Absence Policy and should be reviewed with all students during the first week of class.

#### ***Students***

Students who must miss class for a Lindenwood sporting event or other Lindenwood-authorized activity must, in person or via personal communication (i.e. Lionmail), provide advance notice to all of the professors whose classes they will miss regarding their specific details of their upcoming absence. If possible, this notice should be given to professors at least 72 hours in advance of the

affected class meetings. If 72 hours' notice is not possible, the student should notify his/her professor as soon as possible. This personal notice shall be given in addition to the general notice provided by the Lindenwood Athletics Department or academic department (via the Director of Executive Communication) sponsoring the event. In each case, the student is also expected to prepare thoroughly for and promptly engage in any substitute or "make-up" assignment or activity.

#### **Thesis**

Registrations for extensions on an undergraduate thesis must be completed by the student each succeeding term after the initial enrollment for his/her thesis/culminating project. The fee charged will be \$50 for each extension. If the student fails to register for an extension term, he/she will no longer be considered a degree candidate. Should the student wish to resume the thesis, he/she must pay the full tuition rate for the thesis at the time of the re-enrollment. In order to appeal that charge, the student must submit a written request to the Business Office controller and include any evidence that would substantiate the appeal.

#### **Earned Credit Time Limits**

Credits earned at Lindenwood University will be accepted toward a degree no matter when they were earned, except for requirements in the student's major. Credits previously earned in the student's major, if earned more than five years prior to readmission, will be reviewed for approval by the department chair. If any course must be repeated within a major, and the course is not being offered in the normal sequence of course offerings, it may be offered as a special topics class with credit counting toward graduation. Such a course will be calculated as a part of the student's GPA.

#### **Early College Start (ECS)**

ECS is defined as courses taught in a high school and taken by high school students at the college level. ECS includes both courses taken through Lindenwood as well as courses taken at other universities and transferred to Lindenwood. Tuition and/or fees paid for enrollment in the ESC program are nonrefundable.

The amount of oversight the department or school has over courses offered through Lindenwood at area high schools will be determined by that department or school. The oversight includes the following steps:

- Review of résumés/qualifications of high school teachers who offer Lindenwood courses for ECS credit.
- Yearly meetings with high school teachers who offer Lindenwood courses for ECS credit.
- Use of Lindenwood University end-of-the-semester assessments in high school classes taken for Lindenwood credit.

- Visits to high school classrooms offering courses for Lindenwood credit.

Students may be required to retake a course at the discretion of the department based on the age of the credits and the student's major.

### **Final Exams**

All courses are required to meet until the end of the scheduled academic terms as stated in the university calendar. Professors are required to hold a final exam or other significant evaluative activity at the scheduled final exam time as outlined in the final exam schedule.

There are to be no exceptions to these requirements. Faculty members are not to change the time of the final exam, either by changing the date of the exam or by changing the time of the exam. Students must take their final exams at the designated time and place except under extenuating circumstances beyond the students' control.

In the event that classes are officially cancelled during final exams, the students' final course grades will be calculated based on the work in the course completed to that point, if 75% of the graded work in the class has already been assigned. If 75% of the graded work in the class has not been assigned by the final exam, a makeup exam will be scheduled.

### **Academic Standards**

In addition to making satisfactory academic progress required to maintain financial aid eligibility, students must also meet an additional set of academic expectations in order to remain in good academic standing with the University. Failure to meet these standards will result in academic probation, academic suspension, or dismissal from the University.

### **Maintaining Good Academic Standing**

To remain in good academic standing, undergraduate students who are enrolled in six or more credit hours in a given term must maintain a minimum cumulative GPA of 2.0. Students whose cumulative GPA falls below 2.0 will be placed on probation. Students whose cumulative GPA remains below 2.0 after the subsequent term will be permitted to continue on probation as long as the term GPA is 2.0 or higher. Students are removed from probation when the cumulative GPA reaches 2.0. A student on probation who earns a term GPA below 2.0 will be placed on suspension.

### **Academic Probation**

Academic probation indicates that a student is not in good academic standing and is subject to suspension if his or her work does not reach a satisfactory level. Students remain on academic probation until the cumulative GPA reaches the minimum level of 2.0, as long as each term GPA is 2.0 or higher.

### **Academic Suspension**

Academic suspension indicates that a student is not in good academic standing and has been dismissed because his or her work has not reached a satisfactory level. Academic suspension must be appealed in writing before a student may continue in a subsequent term. Students suspended after the fall semester are not eligible to enroll in the January-Term. Suspended students enrolled in J-term will be dropped.

### **Appealing Academic Suspension**

Upon academic suspension, a student who wishes to resume his or her studies must first appeal the suspension in writing. The appeal must be received and reviewed prior to the beginning of the term following the student's suspension. The University Associate Provost and an appeals committee will review the student's letter of appeal, along with the student's academic history and overall academic performance. The student's instructors and academic advisor may provide feedback that contributes to the ultimate approval or denial of the student's appeal of academic suspension.

Continuously enrolled students whose appeals of academic suspension are granted will resume their studies on probation. Any student who discontinued his or her studies for less than one year and who departed the University under academic suspension must appeal his or her suspension before being readmitted. Upon readmission, such students will be subject to the requirements in the catalog in effect at the time they were first admitted to the University.

Any student who discontinued his or her studies for more than one year and who departed the University under academic suspension must appeal his or her suspension before being readmitted. Upon readmission, such students will be subject to the requirements in the catalog in effect at the time of their return.

*Note: Students will be notified of their academic suspension by U.S. mail and Lionmail and will be provided with guidelines for writing a letter of appeal, including a specific date by which the appeal must be received. If a student's appeal is not received by the date specified, the student will be dropped from all classes, and, if the student is a resident, his or her campus housing will be cancelled.*

### **Academic Dishonesty**

Academic dishonesty is an exceptionally serious offense to oneself and one's colleagues given that the fabric of a learning community is woven by a bond of trust which assumes that the work to which we affix our names is our own. To act in such a way that compromises this trust is to "undermine the contract of good faith on which productive study and the open exchange of ideas is based. Therefore, students wishing to maintain formal membership in the Lindenwood learning community must display the high level of integrity expected of all its members.

According to Lindenwood University Academic Honesty policy, names of students found guilty of cheating, plagiarizing, or deception (including lying) will be sent to the office of the University Associate Provost. A first offense of academic dishonesty may result in a reduced or failing grade on the work/test or failure of the course. Upon a first report of dishonesty, the student is also required to complete an online academic integrity tutorial. A charge for the tutorial will be applied to the student's Business Office account. For undergraduate students, a second offense will lead to failure of the class, and a third offense will result in expulsion from the university. Graduate students will be expelled after a second offense is reported.

Any questions concerning this policy should be directed to the Associate Provost, who maintains a confidential record of academic dishonesty reports. These records are accessible only to the Provost and Associate Provost and are not linked to the student's academic or financial records at the University.

### **Dismissal**

The University reserves the right at any time to dismiss a student who is unable to meet academic standards or whose continuance in the University is considered to endanger the student's own health or well-being or that of others or who does not observe the social regulations and standards of conduct of the university.

### **Academic Honors**

#### ***Dean's List***

Following the end of the fall and spring semesters, the Provost announces the names of semester undergraduate students who were enrolled full time and achieved a grade point average of 3.5 or above.

#### ***General Honors***

The Lindenwood faculty awards general honors to those undergraduate students who have completed all degree requirements with academic distinction. In order to be eligible for general honors, a student must have completed a minimum of 60 credit hours "in residence" at Lindenwood University. (Transferred credits and experiential learning credits do not count toward "in residence" credit hours.) Students whose Lindenwood cumulative grade point averages fall within the ranges below are eligible for the honors as follows:

- The student who achieves a cumulative grade point average between 3.70 and 3.85 receives the degree cum laude.
- The student whose cumulative grade point average is between 3.86 and 3.93 receives the degree magna cum laude.

- The student who achieves a cumulative grade point average of 3.94 or above receives the degree summa cum laude.

### ***Service Learning Honors***

Lindenwood University embraces community service as an extension of service learning, in which students participate in community service not only to meet the needs of the community, but also to develop their critical thinking skills, commitment to values, and skills for effective citizenship.

Students who acquire 500 hours of qualified community service will receive a designation on their permanent academic transcript to recognize their achievement. In addition, they will receive special recognition in commencement publications and receive a service cord which they can wear at graduation.

Student participants must set up an account through [www.orgsync.com](http://www.orgsync.com). To join this program, students must then go to "Academics" and then "Community Service Transcript Designation Program." Once approved, students can upload their hours for approval on a routine basis by pressing the "Events" button and then clicking on "Timesheet." Graduating seniors must have achieved 500 documented, approved hours within 60 days of their graduation date to allow time for verification and inclusion in commencement publications. For more information on this program, please contact Dr. Julie Turner in the School of Human Services.

### ***University Honors College***

University Honors are reserved for exceptional students who demonstrate intelligence, initiative, and perseverance in fulfilling requirements beyond those asked of others. Meeting these expectations exhibits the students' commitment to excellence; such students are members of the University's Honors College.

The Honors College offers students a special opportunity to be recognized for excellence and extra effort in their coursework. Graduating with such honors is the highest award Lindenwood bestows. This achievement is announced at graduation and recipients wear purple braids at the ceremony. "University Honors" also appears on the student's diploma and transcript. All courses completed for honors credit are designated as such on the student's transcript. The President of the University also presents a certificate to those graduating with University Honors at the Honors Convocation.

To apply for membership in the Honors College, an incoming freshman must score a 29 or above on the ACT. Incoming honor students may take up to 19 credit hours in their first term without being charged an overload fee. A transferring or returning student must have a 3.3 GPA to apply for honors courses.

Honors courses are offered in two formats: Each semester, several courses have designated honors sections, in which every student is enrolled for honors credit. These sections are smaller than traditional sections, with more class discussion and individual contact with the professors than traditional sessions. To achieve honors credit from an honors section, a student must earn an A or a B in that course. Alternatively, any undergraduate course may be taken for honors credit with the permission of the professor. To earn honors credit in a non-honors section, students must successfully complete an extra project mutually agreed upon by the professor and student and earn an A in the course.

To graduate with University Honors, a student must complete 24 hours of honors credit. To do so, a student may either (a) enroll in up to 12 hours of 10000-level honors sections and earn the remaining 12 hours of honors credit in traditional courses, level 30000 or above, taken for honors credit or (b) enroll in six hours of traditional 10000-level courses for honors credit and earn the remaining 18 hours of credit in traditional courses taken for honors credit at or above the 20000-level.

## Academic Procedures

### Grading System

Lindenwood University operates under the 4.0 grading system. The grade point average is computed by dividing the total number of quality points earned by the total number of semester hours attempted. An A carries 4 quality points; thus, a course worth three semester hours in which a student earned an A would merit a total of 12 quality points. A grade of B carries 3 quality points; a grade of C carries 2 quality points; and a grade of D carries 1 quality point. A grade of F or AF (attendance failure) carries no quality points and no credit. Only grades earned at Lindenwood are used in computing the GPA.

A grade of A represents work of outstanding quality; it indicates that the student has shown initiative, skill, and thoroughness and has displayed originality in thinking. A grade of B is awarded for work of high quality, well above average. The grade of C indicates average work and satisfactory completion of course requirements. The grade of D indicates minimally satisfactory completion of course requirements. A grade of F or AF indicates that one's coursework is unsatisfactory, and no credit is given.

*Note: The grades AH and BH indicate that the student completed the course for honors credit.*

### Withdrawal (W, WP, WF)

Students may withdraw from a course with any of the following grades: *Withdraw (W)*, *Withdraw Pass (WP)*, or *Withdraw Fail (WF)*.

A grade of W indicates that the student withdrew from a class with no effect to the student's GPA. A student wishing to withdraw from a class for a grade of W may do

so by completing an add/drop form and securing the signature of his or her advisor and course instructor before the appropriate deadline. If the student misses the first withdrawal deadline, a second date, set at the two thirds mark of the semester, term, or quarter, marks the deadline to apply for a WP or WF. A grade of WP indicates that a student wishing to withdraw from a class was passing the course at the time of the request to withdraw; a grade of WF indicates that the student was failing the course at the time of the request to withdraw. Neither WP nor WF will affect the student's GPA.

The only circumstance where the student will not be charged for a course is if the student never attends a class session. If the student attends one class session or more, he or she will be charged a determined percentage of the course's tuition cost. The percentage that will be applied to the student's account is dependent upon how many classes the student attends and the date the student withdraws. For further information, please contact either the Financial Aid Office or the Office of Academic Services.

*Note: A student who is a first responder may elect to withdraw from a course with a grade of W at any time during the term if documentation is provided verifying that the student's first responder duties were the cause of absences exceeding the number of allowable excused absences. This policy applies to academic withdrawal only.*

### Attendance Failure (AF)

This grade is given when a student stops attending a particular class prior to the published deadline to receive a grade of WP or WF but does not withdraw from the course. The grade of AF is treated as a grade of F in the calculation of the student's grade point average.

### No Grade (NG)

An administrative grade of NG is assigned by the registrar when final course grades have not been submitted prior to making grades accessible to students. Under normal circumstances, the NG grade will be cleared within two weeks from the end of the term. Faculty members are not authorized to submit a grade of NG.

### Incomplete (I)

A grade of I (incomplete) is given at the end of a term only for failure to complete coursework due to exceptional circumstances beyond the student's control, such as an extended illness, hospitalization, or death of a close relative requiring absence from class a significant period of time. When assigning an incomplete grade, the professor should consider whether the student is capable of successfully completing the course. Incompletes should be offered only toward the end of the term for students who are, at the time, successfully completing the coursework.

An "I" (incomplete) grade must be resolved prior to the end of the next term; otherwise, it automatically becomes an F. Any request to extend the time needed to complete an "I" must be submitted to the Office of Academic Services

no later than two weeks before the date the grade is due. Requests will then be sent to the appropriate school dean and the Associate Provost to be considered for approval.

#### **Pass/Fail (P/F)**

Some academic activities such as practica, internships, residencies and thesis projects are graded on the basis of Pass/Fail. In these cases, the grade of “P” denotes successful completion of the assigned requirements for the aforementioned academic activity courses.

#### **Auditing a Course**

A student may enroll in any lecture course as an auditor. Students are not permitted to audit skill courses such as studio or photography courses involving extensive supervision by an instructor. Auditors will be expected to attend all classes. No credit may be earned or later claimed by a student who audits a course. A student has one week into a regular term and two class meetings into a quarter or summer session to make a change in registration to audit a class or to take it for credit. The audit fee is 50 percent of the regular tuition for a course.

#### **Administrative Withdrawal**

When it is in the best interest of a student or of Lindenwood University for a student to withdraw, a student may be given a W/WP/WF and put on administrative hold. This action of administrative withdrawal results in removal of all credits associated with the affected classes and places the student on administrative suspension. Before re-enrolling at the university, the student on administrative suspension must write a letter of appeal to the Dean of Students. An Administrative Withdrawal does not affect the student's grade point average.

#### **Adding, Dropping, and Withdrawing from Courses**

##### **Adding Courses**

Within the first week of a semester, a full-time student may add or drop classes via the student portal without having to obtain the signature of a faculty member. Students may not add a course via the student portal after 5:00 p.m. on Friday of the first week of the term. Students may add a class during the second week of class only under extenuating circumstances and with signatures of the course professor, dean of the appropriate school, and the Associate Provost. A Petition for Policy Exemption is required in addition to a drop/add/enrollment form to add a course in this case.

##### **Dropping Courses during Week One**

Within the first week of a semester, a student may drop classes via the student portal without having to obtain the signature of a faculty member. No grade of W will appear on the student's transcript as a result of dropping classes during this week, and the classes will be dropped as a “never attended,” as long as the student's academic load

does not fall below 12 credit hours for full-time students or 6 credit hours for half-time students.

*Note: The following is an exception to the policy described above: A grade of W will appear on the transcripts of students whose status changes from full-time to half-time or from half-time to less than half-time as a result of dropping a class during the first week of if the student attended the class before dropping it.*

##### **Withdrawing with a Grade of W after Week 1**

To withdraw from a course with a grade of W, students must complete, sign, and submit a withdrawal form by the last day to withdraw with a W, with the signature of his/her academic advisor, and, if he/she has attended the course at least once, the signature of the instructor of the course. Students wishing to withdraw from the University altogether must obtain the signatures of the instructors for each course they wish to drop.

##### **Withdrawing with a Grade of WP or WF**

Students wishing to withdraw from a course after the deadline to withdraw with a W will receive either a grade of WP (withdraw passing) or WF (withdraw failing). The deadline for WP/WF grades shall be a date for each term as set annually on the Academic Calendar at the two thirds mark of the term. Neither grade will affect the student's grade point average.

##### **Late Withdrawals**

Late withdrawals will be approved only under extreme, documented circumstances. Requesting a late withdrawal due to a low grade in the class, lack of interest in the subject matter, a different learning style from that of the classroom professor, or a change of major/requirements are not reasons that will be honored.

If a student believes that extraordinary circumstances require withdrawing from a class after the deadline, the student must complete the following steps:

- Write a letter fully specifying the reasons for the withdrawal.
- Gather supporting documentation (physical report, court documents, hospital documents, etc.)
- Meet with the academic advisor for a signature on a Petition for Late Withdrawal.
- Meet with the dean of the school for a signature on the petition.
- Submit the signed petition, along with the letter and documentation, to the Associate Provost. If approved for a late withdrawal, the student will receive either a WP (withdraw passing) or WF (withdraw failing), depending upon the student's grade at the time of withdrawal.

##### **Repeating a Course**

An undergraduate student who has received a grade of D, F or AF in a course (except for LUL 10100, LUL 10101, or

LUL 11000) may repeat the course. Only the last grade earned will be used in the calculation of the grade point average. Repeating a course does not remove the previous grade from the transcript. Additional credit hours are not earned when a course in which a D was earned is repeated. LUL 10100, LUL 10101, and LUL 11000 may not be repeated.

### **Appealing Grades**

Students who wish to appeal a final grade must first contact the course instructor. If the matter cannot be resolved through the instructor, the student may appeal in writing to the appropriate school dean. If resolution is not reached at that time, the student may appeal in writing to the Associate Provost. An Academic Grievance Committee may be convened to hear a grade appeal before a recommendation is made to the president for review by the president or his designee.

Information concerning these procedures is available through the Associate Provost's Office. Notice of intent to file a grade appeal must be made in writing to the appropriate school dean or Associate Provost within six weeks of receipt of the grade. Changes under this procedure will be made only during the term immediately following the term in which the disputed grade was given.

Lindenwood University shares information from students' formal written complaints with the North Central Association of Colleges and Schools as part of its normal accrediting process. This information is shared in such a manner as to shield all individual identities of complainants. No letters or documents revealing the identities of individual complaints will be shared without the express written permission of the complainants.

### **Earning Graduate Credit as an Undergraduate Student**

With the approval of the dean of the appropriate school, undergraduate students may take up to nine credit hours at the graduate level during their senior year at no additional charge. These hours will count toward a graduate degree (if one is ultimately pursued) but not toward the student's undergraduate degree. Under this option, the student must be enrolled in at least 12 credit hours at the undergraduate level for each semester that he or she is taking graduate credit. A maximum of 6 graduate credits may be earned per semester.

*Note: Some schools may have additional requirements for admission to their Early Access programs. Please review the school-specific section of the catalog for more information.*

### **Preparing for Graduation**

Students are responsible for tracking their own academic progress and eligibility for graduation. Specifically, each student must track his/her own progress through a degree program by maintaining a checklist of all requirements, including major and minor requirements, general education requirements, free electives, sufficient number of 30000+

level courses, and total number of credit hours completed. The academic advisor will confirm that all degree requirements have been met; however, the student is ultimately responsible for tracking his/her own progress through the program and meeting all requirements for graduation. The major advisor has the authority to approve academic work within the major; however, only the Provost and the Registrar have the authority to certify that all requirements for graduation have been fulfilled and post a notification of degree completion on a student's transcript.

In addition to tracking their own progress through academic programs, students must submit an Application for Degree. The application must be signed by the student and the student's academic advisor and be submitted to the Office of Academic Services. Failure to submit an application by the appropriate deadline may postpone the posting of the student's degree.

The application deadlines are as follows:

Students graduating in	Must apply by
March	Dec 30 of previous year
May	Dec 30 of previous year
June	Dec 30 of previous year
August	February 28 of the same year
September	March 30 of the same year
October	May 30 of the same year
December	May 30 of the same year

### **Transferring Credit while a Lindenwood Student**

A student at Lindenwood who wishes to take courses at another college or university while pursuing a degree at Lindenwood must first obtain permission for the transfer of these courses from his or her academic advisor, the dean of the school in which that course resides, and the registrar. A Prior Approval form may be obtained from the Office of Academic Services. A student may be allowed to take a course from another school during a term in which the requested course is not offered at Lindenwood. Credits accepted in transfer do not affect the student's grade point average at Lindenwood University.

*Note: A student who has satisfied only three semester hours of a cluster with transfer credit must take the cluster. A student who has satisfied six semester hours of a cluster with transfer credit will be permitted to transfer the remaining three semester hours to Lindenwood to complete the cluster.*

### **Transferring Credit from U.S. Institutions**

New students wishing to transfer credit from a regionally accredited university should submit official transcripts from each university attended to the Office of Day Admissions. Evaluation of transfer credit will be made by the Registrar. For the evaluation of credit, official transcripts must be sent directly from the U.S. institution to Lindenwood University.



For more information regarding the transfer of credit, refer to the earlier appearing Admission, Application, and Fees & Financial Assistance section of this catalog.

### **Advanced Placement (AP Credit)**

Lindenwood University accepts Advanced Placement (AP) credit earned in most areas of study. If a student has AP credit, he/she should request scores to be sent to Academic Services for an evaluation of credit. Credit will be awarded based on the score received (3-5) and approval of the academic school affected.

### **Transferring Credit from International Institutions**

Students with transfer credit from an international institution must submit official transcripts from the international university attended to the Office of International Students and Scholars. The transcripts must be in their original language and must be accompanied by a certified English translation, provided by the student. Applicants should contact WES at [www.wes.org](http://www.wes.org) for more information about how to get transcripts evaluated. Students should list Lindenwood University as the recipient of the transcript evaluation. WES will also provide a copy of the evaluation directly to the applicant. The applicant should keep this copy for his/her records.

*Note: Transfer evaluation companies other than WES are not accepted by the University, and the use of such companies will result in non-acceptance of transfer credit.*

The transcript translation documents will not be returned to the student. The transcript and the translation will become part of the student's official file at Lindenwood University. If the applicant intends to transfer credits into an undergraduate program, the initial cost for the evaluation will be incurred by the applicant. However, once the applicant obtains a visa and arrives at Lindenwood University, the cost of the evaluation will be refunded (up to \$160 if the applicant provides the WES payment receipt to the International Student and Scholars Center.) For further information regarding the transfer of international credit, please contact the university Office of International Students and Scholars at [international@lindenwood.edu](mailto:international@lindenwood.edu).

For more information regarding the transfer of credit, refer to the earlier appearing Admission, Application, and Fees & Financial Assistance section of this catalog.

### **Earning Credit by Examination**

#### **External Examination (CLEP or DANTES)**

Students may earn up to 27 hours of undergraduate credit by successfully completing a College Level Examination Program (CLEP) exam or a DANTES standardized test. Credit is granted for these exams based upon the scoring recommendations set by the College Board Assessment Program.

Students with CLEP or DANTES credit should consult with the Lindenwood registrar to determine whether their

achievement on the exam(s) qualify them to earn university credit.

*Notes: (1) Students may not use CLEP or DANTES credit in the place of the following requirements or courses: student teaching, internships, studio courses, laboratory courses, or private music lessons.*

*(2) Students may not receive credit for courses they have previously audited or attended unofficially.*

*(3) CLEP credit will not be awarded to non-native English speaking students who complete a CLEP exam in their native language.*

*(4) Lindenwood University does not currently administer College Board Examinations; the student must arrange to have test results sent directly to Lindenwood for evaluation.*

Students who pass a CLEP/DANTES proficiency examination have two options when applying for credit. The student may request that the test score be used to waive an equivalent course at the University. In this case, no credit is awarded to the student, and no credit is posted on the student's transcript. A waived course applies no credit toward graduation. (A note will appear on the student's transcript for advising purposes, indicating that a course has been waived.) There is no additional cost for a course to be waived.

Alternatively, the student may request that the exam score be posted to his or her transcript as university credit, for a fee of \$90 per credit hour. In this case, the credit applies toward the total number of credit hours required for graduation and becomes equivalent to a course taken at Lindenwood.

*Notes: (1) This fee is subject to change. Please consult the fee schedule for current rates.*

*(2) The charge for the posting of credit for a proficiency examination is a flat rate. It may not be included in the student's full-time tuition or any other enrollment charge nor will the student be charged an overload fee.*

#### **Internal Examination**

In addition to the standardized CLEP/DANTES exams described above, students may seek credit for (or waiver of) university coursework by means of taking and passing internally administered proficiency exams. Students should approach their respective departments to learn more about the proficiency exams that have been created for this purpose within their schools. As in the case of CLEP/DANTES credit, a student who passes an internally administered proficiency exam may (1) request to have the course waived, in which case, no credit will be granted or (2) request credit for the exam and have the appropriate credit posted to his or her transcript, for a fee of \$90 per credit hour. In this case, the student's cumulative grade point average is not affected in this case because only

credit (no grade) is recorded for a course completed in this manner.

### **Earning Credits through Experiential Learning or Professional Experience**

#### **Experiential Learning**

For some students, professional experience or life experience may be accepted as university credit and be recorded as such onto the student's Lindenwood transcript. Credit earned in this fashion is referred to as credit for *experiential learning*.

The following skills or experiences may be considered equivalent to university credit for purposes of receiving experiential learning credit:

- Professional skills acquired on the job
- Participation in business seminars
- Experience in community affairs
- Professional training in particular fields
- Non-credit-bearing coursework that contain academic content.

*Notes: (1) Credit is awarded only for university-level knowledge and the learning gained from the experience. Experiential learning credit is not granted for non-university level learning, having completed routine professional tasks, having acquired outdated or forgotten knowledge, or for private experiences.*

*(2) Limits for experiential credits earned may be imposed on the acquisition of such credit for certain technical skills and specialties.*

*(3) Credit is not given for learning that duplicates a university course the student has already taken.*

Students may request to receive up to 27 hours of credit for experiential learning, depending on the requirements of their degree programs. The total number of credit hours awarded for experiential learning may vary according to the time spent on particular activities and the nature of the learning experience.

Students may satisfy some of the requirements for their majors through experiential learning credit; however, at least 50 percent of all coursework toward the major must be taken at Lindenwood University.

*Note: Lindenwood cannot guarantee the way in which any other university might interpret transfer credit earned from the Experiential Learning Credit program.*

#### **Experiential Learning Not Requiring a Portfolio**

Students having the experience or credentials below may apply for experiential learning credit without submitting an additional portfolio of supporting documentation. (Any documentation that is required for the final approval of credit is listed along with each item below.) The application for University credit for the following

credentials will be evaluated upon presentation of proof of the required certification or transcripts.

The American Council on Education (ACE): Lindenwood University accepts the recommendations for credit as set by (ACE). To earn experiential learning credit, the student must provide the ACE transcript or certificate verifying that the experience or training is or has been recognized by ACE.

- Registered nurse (RN): Up to 12 hours of credit may be awarded. Official transcript from a school of nursing and RN program required.
- Licensed practical nurse (LPN): Up to 6 hours of credit may be awarded. Official transcript from an LPN program required.
- Medical Laboratory Technician (MLT) or Radiologic Technician: Official transcript from accredited school of MLT or school of radiology and completion of an accredited course of medical laboratory required.
- Emergency Medical Technician (EMT-B): Up to 12 credit hours may be awarded for the completion of training and certification for EMT. Student must present official current license.
- Paramedic (EMT-P): Up to 39 credit hours may be awarded for the completion of the training and certification for the EMT-P paramedic. Student must present official current license.
- Respiratory Therapist (RT): Up to 12 hours of credit may be awarded for the completion of training and certification in respiratory therapy. Official transcript from accredited school of RT required.
- St. Louis or St. Charles Police Academies: Up to 15 hours of credit may be awarded to graduates of the St. Louis or St. Charles Police Academies. Copy of certification or official transcript required.
- Real estate sales license: Up to 3 hours of credit may be awarded. Copy of license required.
- Real estate broker's license: Up to 3 hours of credit may be awarded. Copy of license required.
- Life insurance license (completion or training) and certification for life insurance licensure: Up to 3 hours of credit may be awarded. Students may be eligible for an additional three credit hours in an area of specialization. Copy of license required.
- Stockbroker's license completion of training and certification for a stockbroker's license (series 6 or 7): Up to 6 hours of credit may be awarded. Copy of completion certificate required.
- Certified legal assistant: Up to 24 hours of credit may be awarded. Copy of certificate required.

- Certified professional secretary in selected business and economic areas: Up to 14 hours of credit may be awarded. Copy of completion certificate required.
- YMCA leadership development courses: Up to 5 hours credit hours may be awarded. Submission of YMCA transcript required.

Training courses offered by specific companies or corporations may also be awarded credit for experiential learning. For a list of these companies and eligible courses, check with the registrar or the experiential learning coordinator.

The fee for posting to a Lindenwood transcript experiential learning credit for having any of the certifications, licenses, or credentials listed above is \$90 per credit hour. Credit will not be applied to the transcript until the fees are paid.

The following organizations have agreements with the University that permit for the application of experiential learning credit as follows:

- **Boeing:** Boeing employees who have completed Boeing’s V.I.P. or Learning Together Program courses may be eligible to have such experience posted to a Lindenwood transcript for credit for a fee of \$25. A maximum of up to 12 credit hours may be transcribed onto the student’s Lindenwood transcript for these experiences. A copy of a certificate of completion of either of the Boeing programs is required.
- **Center for Financial Training:** Lindenwood University agrees to provide direct transfer credit for designated college-level coursework offered by the Center for Financial Training (CFT) at no charge. A complete listing of CFT course equivalences and acceptable transfer credit may be obtained from the Registrar’s Office or the experiential learning coordinator. CFT credits are treated like transfer credits from any accredited college or university.
- **Military Service:** Students seeking an experiential learning award for military experience, formal courses taken in the military, or for proficiency in a military occupational specialty (MOS) must provide official military records. Military credits are posted to a student’s transcript at no charge, based on the recommendations of the American Council of Education. For credit derived from military experience or from formal courses taken through the military, veterans should submit a DD Form 95, DD Form 214, AARTS and/or SMARTS transcripts, depending on the branch of the military, or a transcript of in-service training.

**Experiential Learning Requiring a Portfolio**

If the student does not have one of the professional credentials listed on these pages or does not have credit from a course that is specifically listed as being accepted

for experiential learning credit, that student may be required to create a portfolio in order to earn university credit for his or her experience before that credit is posted to the student’s Lindenwood transcript.

The portfolio must validate the student’s experience by providing proof (by certificate, diploma, syllabi, letters of testimony, and/or samples of work accomplished) that such experience led to university-level knowledge. An essay describing the knowledge gained in the learning experience must accompany all other documentation provided.

The experiential learning coordinator will help the student develop a portfolio. The coordinator will identify potential experiences that may be posted to the student’s transcript as university credit and discuss the organization of the portfolio with the student.

Students wishing to receive experiential learning credit in their majors must apply for this credit before taking courses in their majors. Once the portfolio has been approved, the student will be charged a portfolio fee of \$300 and \$90 per credit hour. Credit will not be applied to the transcript until payment is received. Financial aid may be applied to experiential learning, but the student must be enrolled in classes at the time the request for funding is made.

**Stopping Out and Readmission**

**Stopping Out**

Students who opt to take one or more semesters off from University enrollment are said to “stop out.” Students who intend to return to the University and wish to maintain their Lindenwood grant must receive prior approval to do so by completing an *In Absentia* Status Request form.

Terms and conditions for readmission will vary according to whether or not students have completed the *In Absentia* Status Request form. For requirements regarding being readmitted to the University after a stop out period, refer to the table. Additional explanation is provided in the stopping out sections following the table.

*Note: Students who do not receive prior approval or those who stop out for more time than approved for are not guaranteed their original Lindenwood University grant.*

One Semester Leave		One Year or More Leave	
<i>With Approved In Absentia Status Request</i>	<i>Without Approved In Absentia Status Request</i>	<i>With Approved In Absentia Status Request</i>	<i>Without Approved In Absentia Status Request</i>
Reapplication to University required.	Reapplication to University required.	Reapplication to University required.	Reapplication to University required.
Previous Lindenwood grant reinstated.	Previous Lindenwood grant not guaranteed.	Previous Lindenwood grant reinstated.	Previous Lindenwood grant not guaranteed.

One Semester Leave		One Year or More Leave	
<i>With Approved In Absentia Status Request</i>	<i>Without Approved In Absentia Status Request</i>	<i>With Approved In Absentia Status Request</i>	<i>Without Approved In Absentia Status Request</i>
Complete new application at admissions office. Upon acceptance, enroll in courses with advisor.	Complete new application at admissions office. Upon acceptance attend scheduled University enrollment day to enroll in courses.	Complete new application at admissions office. Upon acceptance, enroll in courses with advisor.	Complete new application at admissions office. Upon acceptance attend scheduled University enrollment day to enroll in courses.
Student is subject to the academic catalog requirements outlined in the catalog under which student was originally admitted.	Student is subject to the academic catalog requirements outlined in the catalog under which student was originally admitted.	Student is subject to requirements outlined in the catalog that is current at time of readmission.	Student is subject to requirements outlined in the catalog that is current at time of readmission.

#### **Stopping out with Approval of in Absentia Status Request**

A student who intends to take leave from the university (or stop out) may request an official leave of absence by completing an In Absentia Status Request form, available either through the Office of Financial Aid or the Office of Undergraduate Admissions. Approval of an *In Absentia* request is contingent upon the student's good academic standing. (Note that any student who is approved to take a leave of absence during a spring semester must also submit a housing request prior to departure to ensure a housing assignment for the following fall semester.) Students whose requests for a leave of absence are approved, must, upon their return to campus, visit the admissions office to complete a new application to the university in order to confirm accurate enrollment and reinstatement of financial aid and be readmitted to the university as described under the Readmission section of the catalog.

*Notes: (1) Lindenwood grants will be reinstated at the time of the student's return to the university only if an In Absentia request was submitted and approved.*

*(2) A student whose request is approved and who leaves Lindenwood University for no more than one semester is subject to the degree requirements outlined in the academic catalog under which the student was originally accepted to the university.*

#### **Stopping out without Approval of In Absentia Status Request**

A student who leaves the university without completing an In Absentia Status Request is considered to have departed the university. Should such student decide to return to the university at a later date, he or she must submit a new application for admission and be readmitted to the university as described under the Readmission section of this catalog below.

*Notes: (1) Reinstatement of any Lindenwood grants that the student was awarded prior to his or her departure from the University is not guaranteed upon the student's return.*

*(2) Students who are readmitted to the university after more than one year of absence will be subject to the degree requirements outlined in the academic catalog that is current at the time of the student's return to the university.*

*(3) Upon his/her return, the student's previously earned credits in the major will be reviewed for approval by the department chair.*

*(4) Any course or courses that must be repeated will be taken as special topics classes, and credit and GPA for such courses will count toward graduation.*

#### **Readmission**

Any undergraduate student who has not been enrolled in Lindenwood courses for one or more semesters and who wishes to resume his or her coursework must be readmitted to the university by submitting a new application to the Office of Day Admissions. Students who were suspended at the time of departure from the university must also submit a letter of appeal to the Provost's Office. Upon review of the new application, the admissions office will update the student's profile in preparation for the student's return to Lindenwood. Students without prior approval for a leave of absence will then be directed to attend a scheduled enrollment day on which to enroll in courses. Students with prior approval for the leave of absence will be directed to contact their advisors to enroll in classes.

*Notes: (1) Students who are readmitted to the university after an absence of one semester will be subject to the degree requirements outlined in the academic catalog under which the student was originally accepted to the University.*

*(2) Students who are readmitted to the university after an absence of one year or more will be subject to the degree requirements outlined under the academic catalog that is current at the time of the student's return to the university.*

## Academic Services

### Requesting Transcripts

A request for a transcript should be made either on a Transcript Request Form or by letter to the office of academic services, including name, student ID number, dates of attendance, and current address. Normal processing time for transcripts is three days. Students may also request a transcript online by accessing the Lindenwood University website and completing the Transcript Request Form located under *Academics* on the University website. A fee of \$5 is charged for each transcript requested.

Requests for official transcripts of the academic record will not be filled until authorization has been received in writing from the individual student.

A transcript will not be issued when the student is delinquent in payment of tuition or fees, has not returned library books, or when there are other unfulfilled obligations to the university. Students will be given 30 days after a transcript request has been made to clear any outstanding balance with the Business Office. After 30 days, it will be the student's responsibility to submit a new request for transcript.

*Note: All information in each student's university record is considered confidential and is issued only to authorized individuals.*

### Requesting Grade Reports

Grade cards are available through the student portal, as are transcripts, class schedules, and information about the business office statements and financial aid. Because grade reports are available online to all students, Lindenwood University no longer mails grade reports to students.

If a student needs a copy of his/her grades for work reimbursement, a copy of all grades can be printed by the student from his/her portal and submitted for reimbursement. If the student's workplace will not accept the printed copy, the student should submit a written request to the dean of academic services ([academicservices@lindenwood.edu](mailto:academicservices@lindenwood.edu)) and a copy will be sent to the employer. The request must include the mailing address to which the report should be sent, student ID, term for which grades are requested, signature of the student making the request, and a contact telephone number. The request can be sent by fax to (636) 949-4776.

If students have any questions about their Lionmail accounts or their student portals, they can contact [CAMSSupport@lindenwood.edu](mailto:CAMSSupport@lindenwood.edu).

### The Family Educational Rights and Privacy Act

In conformance with the Family Educational Rights and Privacy Act of 1974 (the Buckley Amendment), Lindenwood University has established a system to ensure that students have complete access to their educational

records and the right to challenge information they believe to be inaccurate or misleading. Information about these procedures can be obtained from the Office of Academic Services. Unless specifically prohibited by the student, Lindenwood University may release "Directory Information" at its discretion for government-mandated reporting, news releases, and other purposes that it believes serve the student's interest. This includes:

- Full name
- Local and home addresses
- Local and home telephone numbers
- Email address
- Date and place of birth
- Most recent educational institution attended
- Enrollment status
- Class level
- Dates of attendance
- Degrees, awards, and honors received
- Participation in officially recognized activities and sports
- Weight and height of athletic team members
- Photographs

Students may withhold information from some of these disclosure requests by notifying the office of academic services in writing the first week of each term. All written requests for non-disclosure will be honored by the university for only one term; therefore, authorization to withhold student information must be filed during each term of attendance. Students have a right to voice any concerns with the US Department of Education.

## COURSES AND PROGRAMS

### Course Numbering

Courses at Lindenwood are numbered sequentially.

- 01000-09999: Preparatory coursework, with credit hours not counting toward the cumulative total number of credit hours required to earn a bachelor's degree.
- 10000-19999: Introductory courses open to all students, normally not having prerequisites
- 20000-29999: Specialized courses open to all students
- 30000-39999: Advanced courses having prerequisites
- 40000-49999: Senior level courses, having prerequisites
- 50000-70099: Master's, Thesis, Ed.S, or EdD courses

### Course Offering Frequency

Each course description includes a statement indicating the anticipated offering of the course. Courses may be offered in any of the following sequences:

- Fall and spring semesters
- Fall semester
- Spring semester only
- Fall semester of even numbered years
- Spring semester of even numbered years
- Fall semester of odd numbered years
- Spring semester of odd numbered years
- Intermittently

All summer and J-Term courses are offered on an intermittent basis. All academic credit is offered in credit hours.

*Note: Actual course offerings are dependent on student enrollment and availability of qualified instructors. The University reserves the right to cancel any course when enrollment is below minimum requirements or an instructor is not available.*

### Special Topics Courses

Special topics courses, listed alphabetically according to department prefix (indicated here by "XXX"), are followed by a course number, as follows: XXX 19000-19999, XXX 29000-29999, XXX 39000-39999, XXX 49000-49999.

These courses are offered to cover special topics within a school or department. Special topics courses may earn 1 to 6 credit hours and may be repeated, in some cases.

Departments may designate specific course numbers for special topics courses if the courses meet general education or major requirements.

### Online Courses

In an online course, 100% of course instruction is delivered using an online learning management system platform. There is no time spent in a physical classroom but proctored exams may be required. In some cases, students may meet for an introductory and/or summary meeting; however, these meetings are not mandatory.

Students enrolled in online classes will be expected to participate in the class academically. Attendance for this method of instruction is defined as submitting academic assignments, taking exams, participating in online discussions about academic matters, or initiating contact with a faculty member to ask a question about the academic subject studied in the course. Simply logging into an online class without active participation does not constitute academic attendance.

Semester undergraduate students are limited to taking two online classes per semester, except for those students enrolled in the Early Access MBA program or any program offered entirely online.

### Hybrid Courses

A hybrid course is a method of instruction in which 75% or more of the course is taught using a learning management system platform. Time in the classroom is reduced but not eliminated.

### Semi-Hybrid Courses

A semi-hybrid course is a method of instruction in which less than 75% of the course is taught using a learning management system platform. Time in the classroom is reduced but not eliminated.

### Tutorial

A tutorial is a class listed in the catalog taught to a student on an individual basis. The content of the course is the same as the material taught in the regular class. The contact time requirement for a tutorial is one documented contact hour per week during which the subject matter will be discussed and student progress evaluated. Only instructors who have previously taught the class in the regular session will be approved to teach a tutorial unless permission is granted by the dean. Only students with a true need will be considered for a tutorial, and it is up to the academic school and instructor whether to grant a tutorial. It is strongly recommended that undergraduate students who are granted tutorials have at least a 2.5 cumulative GPA. Graduate students should have at least a 3.0 cumulative GPA to qualify for a tutorial course.

To enroll in a tutorial course, the Tutorial Proposal form must be completed, signed, and returned to the Registrar's Office no later than the third week of the term in which the

work is to be done. An add/drop/enrollment form and a syllabus must be attached.

## Independent Study

An independent study is an innovative, nonstandard class involving independent research/study on the part of the student under the guidance of an instructor. The contact time requirement for an independent study is one documented contact hour every two weeks. It is strongly recommended that undergraduate students who are granted independent studies have at least a 2.5 cumulative GPA. Graduate students should have at least a 3.0 cumulative GPA to qualify for an independent study course. Independent study courses cannot be used to meet an undergraduate general education requirement.

To enroll in an independent study course, the Independent Study Proposal form must be completed, signed, and returned to the Registrar's office no later than the third week of the term in which the work is to be done. An add/drop/enrollment form and a 1-2 page course outline prepared by the student after consultation with the instructor must be attached.

## Internships

Internships are available in many areas of study and provide the opportunity for students to obtain academic credit through an out-of-classroom work experience. Academic schools' standards vary by program. Students interested in applying for internships should contact their faculty advisors for additional information. Internships are billed at the current tuition rate per credit hour. Internships are graded on a pass/fail basis.

## January Term (J-Term) Courses

Between the fall and spring semesters, a January term (J-Term) is offered, giving both students and faculty members the opportunity to concentrate on a topic of special interest. The January term courses emphasize experimental education, immersion in a topic or activity, creativity, and close interaction with one faculty member or a team of faculty.

Up to four credit hours may be earned at no charge to the student during J-Term. (Students may register for up to four credit hours, for which the tuition for those hours will be waived.) No student may enroll for more than four hours during J-Term without permission from his/her academic advisor and the Provost.

To be eligible for tuition waiver during J-Term enrollment, a student must be a full-time semester undergraduate student, have been enrolled during the previous fall semester as a full-time student, and be enrolled for the upcoming spring semester as a full-time student. Residential students who meet the above criteria will not be assessed room, board, and communication fees during the J-Term. Students enrolled less than full-time during the previous fall semester or during the upcoming spring

semester are eligible to take classes during J-Term at the published tuition rate. All students who plan to reside on campus during the January Term must be enrolled in a class that meets during the specified days of J-term.

J-term classes operate in an accelerated format of 10-12 class meeting; therefore, all students must be prepared to participate fully in class on the first meeting day. The last day to enroll in a J-term class is during the last week in December. See the academic calendar in the front of this catalog for the specific date. Students will be permitted to enroll in a J-term class after this date only under extraordinary circumstances beyond the student's control. All J-term classes have a first day assignment that must be submitted at the start of class on the first meeting day. Textbooks for J-term classes will be available in the bookstore during the last week of the fall semester. Students must bring the textbook to class on the first meeting day of J-term. Detailed course descriptions, first day assignments, and textbook information on J-term classes will be posted on pccommon before J-term course enrollment begins. Students are advised to review this information and understand it fully before selecting a J-term class. No student will be permitted to change J-term classes after the last date to add a J-term class.

*Note: Students suspended at the end of the fall semester may not take a J-Term class.*

## Consortium Programs

Lindenwood University belongs to a consortium of colleges and universities in Greater St. Louis. The consortium includes Fontbonne University, Maryville University, Missouri Baptist University, and Webster University. Full-time traditional undergraduate Lindenwood students may enroll in courses offered at colleges and universities in the consortium and count those hours as part of their Lindenwood degree programs. Students must be enrolled full-time at Lindenwood University during the same term of enrollment at colleges and universities in the consortium. No additional tuition cost is involved for combined enrollments between 12 and 18 hours. Lab fees will be charged at the host university.

## Study Abroad

Lindenwood University recognizes the value that studying abroad brings to a student's education and encourages students to take advantage of study abroad opportunities. The student has the following study abroad options:

- Faculty-led courses for short-term study abroad, such as courses offered during J-Term, Spring Break, or the summer sessions
- One of the established LU semester abroad programs.
- An established program supervised by another American college or university, with academic credits being transferred back Lindenwood.

- Independent study (either under the direction of a member of the Lindenwood faculty or by a host institution) that has been recognized by the sponsoring member of the Lindenwood faculty. A student who embarks on such study will need to send his or her transcript through World Education Services (WES) for evaluation before the credits can be accepted by LU.

To be eligible for a study abroad program, the student must

- Be in good academic, social, and financial standing with the University, with a minimum GPA of 2.0.
- Either have facility in the spoken language of the country to which he or she is going or be planning to study the language as a part of the approved study abroad coursework, if this is required for the program.
- Meet course- or program-specific prerequisites.

All responsibility for travel, finances, application for admission to a foreign institution (where applicable), and the making of any other necessary arrangements rests with the student. For some programs, a student's enrollment in a program of study abroad is considered enrollment at the home institution for the purposes of applying for assistance under the Title IV programs. Students should consult the director of financial aid for additional information. Any student planning to take a course from any institution other than Lindenwood should complete a Prior Approval form before leaving. This will guarantee that the credit will be accepted by LU.

Any study abroad coursework must be approved by the department at Lindenwood that will recommend credit. The academic advisor will help the student make appropriate course choices. Final approval of the program and the credit to be granted after completion of the study abroad period rests with the Dean of Academic Services, who acts on the recommendation of the director of the program. Questions about student study abroad opportunities may be directed to the Director of Study Abroad.

*Note: In order to participate in study abroad programs, students must be degree-seeking students at Lindenwood University. Specific programs may have additional requirements. Deadlines for application vary according to the program, and it is the responsibility of the student to be informed as to those deadlines.*

## **National Outdoor Leadership School Semester**

Lindenwood University has an affiliate agreement with the National Outdoor Leadership School (NOLS). This agreement allows students to participate in a semester-long NOLS course and receive 12-15 credits through the Department of Recreation Administration. Students enrolled in a NOLS semester are charged a reduced tuition rate allowing all remaining financial aid to help pay for the NOLS course. NOLS courses are offered throughout the

United States and in many locations around the world. Contact the Chair of the Department of Recreation Administration for more information.

## **ROTC Cross-Enrollment**

For information regarding ROTC cross-enrollment and simultaneous membership, see The Department of Military Science in this catalog.



## ACADEMIC REQUIREMENTS

Lindenwood University offers academic courses of study leading to a Bachelor of Arts, Bachelor of Fine Arts, Bachelor of Social Work, Bachelor of Science, and Bachelor of Science in Nursing at the undergraduate level. Specific degree requirements are listed in the sections of the catalog that describe each degree program. In addition to standard degrees, contract degrees (interdisciplinary majors created by the student in conjunction with a faculty advisor and the relevant schools or departments) may be approved.

### Catalog of Entry

Students are required to satisfy the degree requirements of the catalog in effect at the time of matriculation. A continuing student who desires to pursue a course of study added to the curriculum in a subsequent catalog year must submit a catalog change request to the office of Academic Services. If the request is granted, the student will be bound by all requirements in the new catalog. Students who discontinue study at Lindenwood University may be required to adopt the requirements of the catalog in effect at the time of readmission depending upon the length of the absence. See the Academic Policies and Procedures section of this catalog for further information.

### Bachelor's Degree Requirements

The requirements for a bachelor's degree are as follows:

- Successful completion of a minimum of 128 credit hours (not including preparatory coursework, numbered 01000-09999), at least 42 of which must be earned in upper division courses numbered 30000 or above.
- Successful completion of the requirements for one of the undergraduate majors offered by the University, at least 50 percent of which must be taken within the Lindenwood University system.
- A minimum cumulative grade point average of 2.0 for all courses taken within the Lindenwood University system, as well as a minimum cumulative grade point average of 2.0 for all courses satisfying the student's major, minor, emphasis, or track, with at least 50 percent of the credits earned for the major, minor, emphasis, or track being earned within the Lindenwood University system. Overall cumulative GPA is a continuous representation of grades received for all courses taken within the Lindenwood University system.
- Successful completion within the Lindenwood University system of the last 36 credits leading to a degree.
- Successful completion of all general education (GE) course requirements for a bachelor's degree, including grades of C or higher in ENGL 15000/EPP 15000 and

ENGL 17000 (whether taken at Lindenwood or accepted in transfer).

- Successful completion of the Writing Proficiency Assessment or ENGL 21000 Writing Proficiency Lab.

*Note: In addition to the requirements listed above, traditional undergraduate students who are first-time freshmen or transfer students with fewer than 24 credit hours of transferable credit who have not successfully completed a freshmen seminar course must enroll in and complete LUL 10100 or LUL 10101 Freshman Experience in their first semester at the University. Online freshman must complete LUL 11000 during their first semester of enrollment.*

### Areas of Study

The Major is defined as a student's principal subject or course of study in which he or she intends to earn a bachelor's degree. A Minor is defined as a student's secondary subject or course of study. A Track is a predetermined course of study as outlined by a student's program major or minor. An Emphasis is an additional set of courses or a course of study that is focused on one area of a major or minor.

### Contract Degree Requirements

The contract degree program is designed to serve students whose educational or personal objectives cannot be met through one of the standard Lindenwood programs but for which the University can provide faculty and other resources. The basic requirements for all bachelor's degrees shall be maintained, including the required 128 credit hours necessary for graduation, writing proficiency assessment, and all applicable general education requirements. In addition, the student for whom a contract degree is created shall have completed at least 36 semester hours of credit at Lindenwood and be in good academic standing. Standard grading practices shall be maintained for the contracted degree student.

Procedures for creating a contract degree are outlined below.

- The student works with a faculty advisor to develop a degree plan; both the student and the advisor will sign the proposed plan.
- The student submits the completed, signed plan to the school dean(s) for critique.
- Once the proposed contract degree has been approved by the advisor and school dean, the student submits the proposed plan to the Dean of Academic Services.
- The Dean of Academic Services submits the proposed contract degree to the Academic Standards and Processes Committee for review by the ASPC, the Provost, and the Dean of Academic Services.

- The approved contract degree proposal is recorded and reported to the student and the faculty advisor by the Provost within 30 days of the submission of the contract to the ASPC committee.
- Any changes of degree requirements by the student and/or advisor after initial approval nullify the contract.
- The up-to-date contract degree program is made a part of the student's file in the Office of Academic Services.

## Placement Exam Requirements

### Writing Placement Examination (WPE)

Native English speaking incoming freshmen are required to take the Writing Placement Examination (WPE) during the enrollment process for placement into the Lindenwood University composition sequence. This assessment determines the course by which each student will best be served in the composition course sequence.

Students who transfer to Lindenwood University with a grade of C or better in ENGL 15000 or equivalent are placed into ENGL 17000, upon completion of which the students take the Writing Proficiency Assessment (WPA). Students who transfer with a grade of C or better in ENGL 15000 or equivalent and ENGL 17000 or equivalent are required to pass the Writing Proficiency Assessment (WPA), described below.

### English Placement Test for International Students

Non-native English speaking students will take an English language placement exam. Each student's exam score will determine whether he or she must enroll in college level English language courses in conjunction with or prior to his or her degree program classes. Note that students whose English placement test results indicate a level of English language proficiency below the level necessary for placement into college level courses will be placed into courses within the University's English as a Second Language (ESL) Program, where they will receive preparatory, pre-college English language instruction.

Only after receiving an English language exam score will a student receive a class schedule. Note that students arriving after the language placement exam has been administered must arrange to take the exam through the University Writing Center before enrolling in classes. For more information regarding the English Placement Exam, please refer to the Department of English Preparedness section of this catalog.

### Mathematics Placement Exam

Lindenwood University requires all students to complete a mathematics placement exam prior to enrolling in any mathematics course higher than MTH 11000 Intermediate Algebra. The only students exempt from this requirement are those who have already satisfied the necessary course requirements or prerequisites through transfer credit. There are two levels of math placement exam: the general

education level and the Algebra-Calculus level. (Students will be advised which math placement exam to take depending on the student's intended course of study). The general education level math placement exam is administered to all students seeking to enroll in any general education mathematics course below MTH 15100 College Algebra. The Algebra-Calculus level math placement exam includes three possible exam options: the College Algebra exam, the Pre-calculus exam, or the Calculus exam. The appropriate exam is administered to students who wish to enroll in any mathematics course between MTH 15100 College Algebra and MTH 27100 Calculus.

Locally residing students take the math placement exam during any open enrollment day. If a student is unable to attend an open enrollment day, he or she is encouraged to schedule a time to take the necessary math placement exam as soon as possible after arriving on campus. International students take the math placement exam during the International Student Check-In and Orientation week. Once the student completes the exam, it is graded and the student is informed of the exam results. The score of the math placement exam determines whether the student will be required to enroll in a mathematics preparatory course before progressing on to the mathematics course(s) required by his or her degree program. An entry indicating the placement level will be made on the student's transcript.

### Writing Proficiency Assessment (WPA)

Upon the successful completion of both ENGL/EPP 15000 Strategies for University Writing and ENGL 17000 Research and Argumentation, all students are required to take the Writing Proficiency Assessment (WPA). Note that this assessment is required whether ENGL/EPP 15000 and ENGL 17000 or their equivalents were taken at Lindenwood University or transferred from another institution.

A student who does not pass the Writing Proficiency Assessment is required to complete an additional writing course, ENGL 21000 Writing Proficiency Lab, prior to graduation so as to sharpen competencies in grammar, punctuation, and syntax. Many academic programs at LU also use this assessment as a prerequisite for enrolling in 30000- and 40000-level courses. The student should check with his or her advisor as to when the Writing Proficiency Assessment requirement should be completed.

### General Education (GE) Program

The General Education (GE) Program forms the foundation on which the specialized studies of the major are based, as general education studies introduce the student to some of the key issues, concepts, and perspectives of the disciplines of humanities, social sciences, natural sciences, and quantitative thought and are intended to help students develop analytical,

organizational, oral, writing, interpersonal, and research skills.

The GE program is designed to ensure the following student learning outcomes:

- SLO #1: Students will be aware of global history and diversity.
- SLO #2: Students will develop a sense of responsible citizenship.
- SLO #3: Students will communicate effectively.
- SLO #4: Students should be able to draw from a variety of disciplines to arrive at coherent, educated opinions.
- SLO #5: Students will think critically and analytically.
- SLO#6: Students will effectively engage in creative thinking.

The tables below summarize the general education requirements for the completion of bachelor’s degrees at Lindenwood. The courses listed in the tables have been approved by the University; however, before completing the GE requirements, students must compare the courses listed below against the particular GE requirements of their respective schools or departments, as some programs require a particular course for the completion of the general education requirements, and other schools or departments have narrowed the list of GE-approved courses within specific majors. Please check the catalog for major-specific direction regarding general education requirements. Unless otherwise specified, students will complete the GE requirements outlined in each section.

### GE REQUIREMENTS FOR BACHELOR OF ARTS, BACHELOR OF FINE ARTS, AND BACHELOR OF SOCIAL WORK

English	Required: ENGL 15000/EPP 15000 and ENGL 17000
Communications	Select: one Communications course (GE-Comm)
Humanities	Select: two English literature courses (GE-Lit) and one philosophy or religion course (GE-Phl-Rel)
Fine Arts	Select: one fine arts course (GE-Fine Art)
American Government or American History	Select: one American government or history course
Culture and Civilization	Required: HIS 10000 or HIS 22100 and Select: two cross cultural courses (GE-CrsClt) or two foreign language courses* (GE-ForLang)
Social Sciences	Select: two social sciences courses (GE-SocSci) from different disciplines

Mathematics	Select: one mathematics course (GE-Math)
Natural Sciences	Select: two natural science courses (GE-BioSci, GE-EarthSci, or GE-PhysSci) from two different science disciplines, one of which must include a lab.

*\*Non-native speakers of that language only*

Some general education courses meet more than one type of general education requirement. For example, ART 22200 History of Western Art to 1300 is listed in the catalog as (GE-Fine Art/CrsClt), indicating that it meets either the fine art or the cross-cultural requirement. However, the course cannot be used to satisfy both requirements simultaneously.

In contrast, if a GE course and a course required for one’s major can be met by one course, that course may be used to satisfy both the GE requirement and the major requirement. For instance, ART 22200 (GE-Fine Art/CrsClt) is a requirement in the Arts Management major and can be used to satisfy both the requirement of the major and the GE fine arts requirement.

*Note: Although two requirements are fulfilled in this instance, the total number of credits earned is still three, as only one course was taken.*

### English Composition

Six credit hours

Required:

- ENGL 15000 Strategies for University Writing or
- EPP 15000 Strategies for University Writing for Non-Native Speakers and
- ENGL 17000 Research and Argumentation

*Notes: (1) In order to advance to Research and Argumentation (ENGL 17000), students must earn at least a C in Strategies for University Writing (ENGL 15000 or EPP 15000). In order to advance beyond Research and Argumentation (ENGL 17000), students must also earn a C or better in Research and Argumentation (ENGL 17000). This requirement applies also to students who have transferred their English composition courses into Lindenwood University.*

*(2) Upon completion of ENGL 17000, students are required to successfully complete the Writing Proficiency Assessment. If students do not pass the assessment, they are required to successfully complete the Writing Proficiency Lab (ENGL 21000) prior to graduation. Transfer students are also required to meet this requirement. It is strongly recommended that students complete the writing assessment immediately following the semester in which they complete ENGL 17000.*

## Communications

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### *Three credit hours*

Select one course from these options:

COM 10200	Public Debate
COM 10300	Storytelling
COM 10500	Group Dynamics and Effective Speaking
COM 11000	Fundamentals of Oral Communication
SW 10000	Intercultural Communication

## Humanities

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### *Six credit hours of literature and three credit hours of philosophy or religion*

Select six credit hours of literature from these options:

ENGL 20000-20099	Introduction to Literature
ENGL 20100	World Literature I
ENGL 20200	World Literature II
ENGL 23500	American Literature I
ENGL 23600	American Literature II
ENGL 25600	Survey of Greek Literature
ENGL 27600	African-American Literature
ENGL 27800	Latino Literature
ENGL 28000-28099	Selected Topics in Literature
ENGL 28100-28199	Selected Topics in Literature
ENGL 20500	British Literature I
ENGL 20600	British Literature II
ENGL 30900	The Novel
ENGL 33200	Chaucer
ENGL 33300	Shakespeare
ENGL 33800	Medieval English Literature
ENGL 33900	Early Modern Literature
ENGL 34100	Restoration and 18th-Century Literature
ENGL 34200	English Romantic Literature
ENGL 34300	19th Century Literature
ENGL 34700-34799	Topics in American Literature
ENGL 35200	Early American Literature
ENGL 35300	Modern American Literature
ENGL 35500	20th- and 21st-Century Literature
ENGL 35700-35799	Topics in British Literature
ENGL 38000-38099	Advanced Topics in Literature
ENGL 38100-38199	Advanced Topics in Literature
TA 33500	Modern Drama
TA 33600	Survey of Dramatic Literature

Select three hours of philosophy or religion from these options:

PHL 10200	Moral Life: A Study in Ethics
PHL 14000	Philosophy of Love
PHL 15000	Introduction to Philosophy
PHL 17000	Philosophy of Human Nature: Mind, Soul and Body
PHL 18000-18099	Selected Topics in Philosophy
PHL 18100-18199	Selected Topics in Philosophy
PHL 21400	Ethics
PHL 21500	Traditional Logic
PHL 24000	Bioethics
PHL 25000	Contemporary Moral Theory
PHL 25200	Dante and the Virtues
PHL 26000	Philosophy of Art
PHL 26500	Philosophy of Science
PHL 28000-28099	Selected Topics in Philosophy
PHL 28100-28199	Selected Topics in Philosophy
PHL 30000	The Natural Law
PHL 30500	Political Philosophy
PHL 31100	Ancient Philosophy
PHL 31200	Medieval Philosophy
PHL 31300	Modern Philosophy
PHL 32500	Philosophy of Religion
PHL 38000-38099	Selected Topics in Philosophy
PHL 38100-38199	Selected Topics in Philosophy
REL 15000	World Religions
REL 20100	History of Christianity
REL 20200	Religion in America
REL 21000	Old Testament
REL 21100	New Testament
REL 22200	Amusements and American Religion
REL 28000-28099	Selected Topics in Religion
REL 28100-28199	Selected Topics in Religion
REL 30000	Religion, Science, and Faith
REL 30500	The Psychology of Religion
REL 31000	Islam and the West
REL 31800	Asian Myth and Religion
REL 32000	The Christian Faith
REL 32600	Faith and Reason
REL 33000	Religious Upheaval in 16th Century Europe
REL 33500	Christianity, Ethics and Modern Society
REL 38000-38099	Selected Topics in Religion
REL 38100-38199	Selected Topics in Religion

## Fine Arts

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### *Three credit hours*

Select three credit hours of fine arts from these options:

ART 10000	Fundamentals of Drawing and Design
ART 13600	Three-Dimensional (3-D) Design
ART 18100	Analog Photography I
ART 18101	Digital Photography I

ART 24000	Ceramics I
ARTH 22200	History of Western Art to 1300
ARTH 22400	History of Western Art from 1300
ARTH 22600	History of Non-Western Art
DAN 10100	Introduction to Dance
DAN 17100	Dance as an Art
DAN 37100	Dance in the 21st Century
MUS 15000	Music in America
MUS 15500	Jazz History
MUS 16500	Introduction to Music Literature
MUS 35500	History of Western Music I
MUS 35600	History of Western Music II
MUS 35700	World Music
TA 10500	Fundamentals of Acting
TA 11700	Introduction to the Theatrical Arts
TA 31700	History of Costume and Fashion
TA 33500	Modern Drama
TA 33600	Survey of Dramatic Literature
TA 33700	Seminar in American Drama
TA 37000	History of Theatre
TA 37100	History of Theatre I
TA 37200	History of Theatre II
TA 38600-38699	Special Topics
TA 38700-38799	Special Topics

### **American Government or American History**

*Three credit hours*

Select three credit hours from these options:

HIS 10500	America: Colony to Civil War
HIS 10600	America: Civil War to World Power
HIS 15500	U.S. Government: Politics and History
HIS 21500	American History to 1865 Advanced Survey
HIS 21600	American History Since 1865 Advanced Survey
PS 15500	American Government: The Nation
PS 15600	American Government: The States

### **Culture and Civilization**

*Three credit hours of world history and six credit hours of cross cultural or foreign language coursework.*

*Notes: (1) If foreign language courses are selected, the student must choose two courses of the same foreign languages with a GE-ForLang designation in order to meet the requirement. However, foreign language GE-CrsClt courses can be combined with other GE-CrsClt courses in other departments to meet the cross cultural requirement.*

*(2) Native speakers of a foreign language may not satisfy the Culture and Civilization GE requirement by taking courses*

*designated as GE-ForLang if taught in their first language. However, they may satisfy this requirement by taking courses designated as GE-CrsClt even if offered in their first language.*

*(3) In the list of courses below, the GE-ForLang courses are those appearing at the end of the list, including elementary, intermediate, conversation and composition, and advanced oral expression and grammar courses.*

Required:

HIS 10000	World History Since 1500
	or
HIS 22100	Global History Since 1500

Select six credit hours of cross-cultural studies from these options:

ANT 10000	Introduction to Anthropology
ANT 11200	Cultural Anthropology
ANT 21000	Native North American Indians
ANT 31700	Social and Cultural Change
ANT 31800	Race, Ethnicity, and Gender: A Global Perspective
ANT 32400	The Anthropology of Religion
ANT 32700	Environmental Anthropology
ANT 33700	Anthropology of Migration
ART 38700-38799	Special Topics
ARTH 22200	History of Western Art to 1300
ARTH 22400	History of Western Art from 1300
ARTH 22600	History of Non-Western Art
ARTH 35400	Nineteenth-Century Art
ARTH 35600	Baroque Art
ARTH 35700	Ancient Art
ARTH 35800	Medieval Art
ARTH 36100	Twentieth-Century Art/Modern
ARTH 36300	Early Modern Gender Studies
ARTH 36401-36499	Topics in Non-Western Art
ARTH 38300	Renaissance Art
ARTH 38400	Classical Myth
CHI 10300	Chinese Culture
CJ 22500	Comparative Criminal Justice Systems
COM 37000	History of Film
COM 37600	Asian Cinema
CSP 35000	History of Traditional Chinese Civilization
CSP 35100	History of Modern Chinese Civilization
DAN 17100	Dance as an Art
DAN 37100	Dance in the 21st Century
ECON 33035	Current Economic & Social Issues
ENGL 20100	World Literature I
ENGL 20200	World Literature II
ENGL 25600	Survey of Greek Literature
ENGL 27800	Latino Literature
ENGL 28100-28199	Selected Topics in Literature

ENGL 38100-38199	Advanced Topics in Literature	SPA 20300	Intermediate Spanish Composition and Reading
FRE 23000	France: Museums, Monuments and Culture	SPA 23000	Travel Experience in Spanish-Speaking Nations
FRE 33700	History of French Civilization	SPA 23700	Costa Rica Through History
FRE 35000	Masterpieces of French Literature to 1800	SPA 31300	Advanced Spanish Composition Workshop
FRE 35100	Masterpieces of French Literature since 1800	SPA 31400	Introduction to Spanish Linguistics
FRE 36000	Speaking of Art: The Pulitzer Project	SPA 33500	Peninsular Spanish Culture and Civilization
FRE 38200-38299	Special Topics	SPA 33600	Latin American Culture and Civilization
FRE 40000-40099	Seminar on Selected Authors and Genres of French Literature	SPA 33700	Costa Rica: History and Society of 19th and 20th Centuries
FRE 41000	Seventeenth-Century French Theatre	SPA 35000	Masterpieces of Peninsular Spanish Literature
FRE 41100	Rise of the French Novel	SPA 35100	Masterpieces of Spanish-American Literature
FRE 41200	French and Francophone Women Writers	SPA 36400	Latin American History in Film
FRE 41300	Twentieth-Century French Theatre	SPA 40000-40099	Seminar on Selected Authors and Genres of Spanish and Spanish-American Literatures
FRE 41400	French Autobiography	SPA 41200	Spanish Romanticism
GER 23000	From the Berlin Wall to the Bavarian Alps	SPA 41300	Major Movements in the 19th-Century Spanish Novel
GER 38200-38299	Special Topics in German	SPA 41500	The 20th-Century Spanish Novel
GEO 20100	World Regional Geography	SPA 41600	The Role of Women in Hispanic Societies
GEO 20200	Concepts of Geography	SPA 41800	The Spanish-American Short Story
GEO 20300	Human Geography	SPA 42000	The Novel of the Mexican Revolution
GEO 20700	World Economic Geography	SPA 42100	The Spanish-American Regional Novel
GEO 28100-28199	Special Topics	TA 33500	Modern Drama
GEO 30100	World Historical Geography	TA 33600	Survey of Dramatic Literature
GS 20101	A Global Introduction to Gender Studies	TA 37000	History of Theatre
HIS 20500	History of Asia	TA 37100	History of Theatre I
HIS 22000	History of Latin America	TA 37200	History of Theatre II
HIS 28200-28299	Selected Topics	TA 38700-38799	Special Topics
HIS 38200-38299	Selected Topics	CHI 10100	Elementary Mandarin I
INTL 48070	International Business and Cross-Cultural Communications	CHI 10200	Elementary Mandarin II
IR 35000	International Relations Theory	CHI 20100	Intermediate Mandarin I
MUS 35500	History of Western Music I	CHI 20200	Intermediate Mandarin II
MUS 35600	History of Western Music II	FRE 10100	Elementary French I
MUS 35700	World Music	FRE 10200	Elementary French II
PHL 18100-18199	Selected Topics in Philosophy	FRE 20100	Intermediate French I
PHL 28100-28199	Selected Topics in Philosophy	FRE 20200	Intermediate French II
PHL 31800	Asian Philosophy	FRE 31100	French Conversation and Composition I
PS 30000	Comparative Analysis	FRE 31200	French Conversation and Composition II
REC 21400	Cultural Tourism	GER 10100	Elementary German I
REL 15000	World Religions	GER 10200	Elementary German II
REL 23000	Introduction to Asian Religions	GER 20100	Intermediate German I
REL 31000	Islam and the West	GER 20200	Intermediate German II
REL 31800	Asian Myth and Religion	GER 31100	German Conversation and Composition I
SOC 31800	Race, Ethnicity, and Gender: A Global Perspective	GER 31200	German Conversation and Composition II
		SPA 10100	Elementary Spanish I
		SPA 10200	Elementary Spanish II
		SPA 20100	Intermediate Spanish I

SPA 2020	Intermediate Spanish II
SPA 31100	Advanced Oral Expression
SPA 31200	Advanced Written Expression

### Social Sciences

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*Six credit hours (from two different disciplines)*

Select six credit hours from these options:

ANT 10000	Introduction to Anthropology
ANT 11200	Cultural Anthropology
ANT 32700	Environmental Anthropology
ANT 33700	Anthropology of Migration
CJ 20000	Criminology
ECON 23010	Survey of Economics
ECON 23020	Principles of Microeconomics
ECON 23030	Principles of Macroeconomics
GEO 28200-28299	Special Topics
PSY 10000	Principles of Psychology
PSY 10100	Interactive Psychology
REC 20600	Leisure in Contemporary Society
SOC 10200	Basic Concepts of Sociology
SOC 21400	The Family
SOC 24000	The Sociology of Gender Roles
SW 24000	Human Diversity and Social Justice

### Mathematics

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*Three to five credit hours*

*Note: Specific math courses are required for certain programs.*

Select one mathematics course in college-level mathematics from these options:

MTH 12100	Introduction to Contemporary Mathematics
MTH 14100	Basic Statistics
MTH 14200	Quantitative Methods for Business
MTH 14800	Mathematical Structures for Teachers I
MTH 14900	Mathematical Structures for Teachers II
MTH 15100	College Algebra
MTH 15200	Pre-calculus: Elementary Functions
MTH 17300	Survey of Calculus
MTH 24100	Statistics for Natural Science
MTH 27100	Calculus I
MTH 27200	Calculus II
PHL 21600	Modern Symbolic Logic
PSY 30600	Behavioral Science Statistics

### Natural Sciences

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*Seven to eight credit hours*

*Note: Specific science courses are required for certain programs.*

Select two natural science courses (at least one of which must include a lab) representing two of the following

areas: biological science, earth science, and physical science.

#### Biological Science

Select courses from these options:

ANT 13100	Biological Anthropology with Lab
BSC 10000	Concepts in Biology
BSC 10700	Human Biology
BSC 11000	Principles in Biology
BSC 11200	Environmental Biology
BSC 11400	Principles of Environmental Biology
BSC 11500	Environmental Biology Laboratory
BSC 12100	Nutrition
BSC 22700	Human Anatomy and Physiology I
BSC 24000	Introduction to Biological Diversity
BSC 24400	Introduction to Cellular and Molecular Biology
HFS 20700	Human Anatomy and Physiology
SCI 21400	Ethical Problems in Science

#### Earth Science

Select courses from these options:

ESC 10000	Physical Geology with Lab
ESC 10500	Survey of Geology
ESC 11000	Introductory Meteorology
ESC 11100	Meteorology Lab
ESC 11500/GEO 11500	Physical Geography
ESC 12000	Oceanography
ESC 13000	Introductory Astronomy
ESC 13100	Astronomy Lab
ESC 13200	Introductory Astronomy with Lab

#### Physical Science

Select courses from these options:

CHM 10000	Concepts in Chemistry
CHM 10100	The World of Chemistry
CHM 10500	Chemistry in Society
CHM 11100	Environmental Science
CHM 23000	General Chemistry 1
CHM 23100	General Chemistry 2
CHM 23200	General Chemistry 3
CHM 24100	General Chemistry 2 Laboratory
CHM 24200	General Chemistry 3 Laboratory
PHY 11100	Concepts of Physics
PHY 11200	Concepts of Physics Laboratory
PHY 25100	Introductory Physics I
PHY 25200	Introductory Physics II
PHY 30100	General Physics I
PHY 30200	General Physics II

## GE REQUIREMENTS FOR BACHELOR OF SCIENCE AND BACHELOR OF SCIENCE IN NURSING

English	Required: ENGL 15000/EPP 15000 and ENGL 17000
Communications	Select: one Communications course (GE-Comm)
Humanities	Select: two English literature courses (GE-Lit) and one philosophy or religion course (GE-Phil-Rel)
Fine Arts	Select: one fine arts course (GE-Fine Art)
American History/Government	Select: one American government or history course
Culture and Civilization	Required: HIS 10000 or HIS 22100
Social Sciences	Select: two social sciences courses (GE-SocSci) from different disciplines
Mathematics	Select: two mathematics courses (GE-Math)
Natural Sciences	Bachelor of Science: three natural science courses (GE-BioSci, GE-EarthSci, or GE-PhysSci) from at least two different science disciplines, one of which must include a lab. Bachelor of Science in Nursing (RN-BSN): three natural science courses, one of which must include a lab.

### English Composition

*Six credit hours*

Required:

ENGL 15000	Strategies for University Writing or
EPP 15000	Strategies for University Writing for Non-Native Speakers and
ENGL 17000	Research and Argumentation

*Notes: (1) In order to advance to Research and Argumentation (ENGL 17000), students must earn at least a C in Strategies for University Writing (ENGL 15000 or EPP 15000). In order to advance beyond Research and Argumentation (ENGL 17000), students must also earn a C or better in Research and Argumentation (ENGL 17000). This requirement applies also to students who have transferred their English composition courses into Lindenwood University.*

*(2) Upon completion of ENGL 17000, students are required to successfully complete the Writing Proficiency Assessment. If*

*students do not pass the assessment, they are required to successfully complete the Writing Proficiency Lab (ENGL 21000) prior to graduation. Transfer students are also required to meet this requirement. It is strongly recommended that students complete the writing assessment immediately following the semester in which they complete ENGL 17000.*

### Communications

*Three credit hours*

Select one course from these options:

COM 10200	Public Debate
COM 10300	Storytelling
COM 10500	Group Dynamics and Effective Speaking
COM 11000	Fundamentals of Oral Communication
SW 10000	Intercultural Communication

### Humanities

*Six credit hours of literature and three credit hours of philosophy or religion*

Select six credit hours of literature from these options:

ENGL 20000-20099	Introduction to Literature
ENGL 20100	World Literature I
ENGL 20200	World Literature II
ENGL 23500	American Literature I
ENGL 23600	American Literature II
ENGL 25600	Survey of Greek Literature
ENGL 27600	African-American Literature
ENGL 27800	Latino Literature
ENGL 28000-28099	Selected Topics in Literature
ENGL 28100-28199	Selected Topics in Literature
ENGL 20500	British Literature I
ENGL 20600	British Literature II
ENGL 30900	The Novel
ENGL 33200	Chaucer
ENGL 33300	Shakespeare
ENGL 33800	Medieval English Literature
ENGL 33900	Early Modern Literature
ENGL 34100	Restoration and 18th-Century Literature
ENGL 34200	English Romantic Literature
ENGL 34300	19th Century Literature
ENGL 34700-34799	Topics in American Literature
ENGL 35200	Early American Literature
ENGL 35300	Modern American Literature
ENGL 35500	20th- and 21st-Century Literature
ENGL 35700-35799	Topics in British Literature



ENGL 38000-38099	Advanced Topics in Literature
ENGL 38100-38199	Advanced Topics in Literature
TA 33500	Modern Drama
TA 33600	Survey of Dramatic Literature
Select three hours of philosophy or religion from these options:	
PHL 10200	Moral Life: A Study in Ethics
PHL 14000	Philosophy of Love
PHL 15000	Introduction to Philosophy
PHL 17000	Philosophy of Human Nature: Mind, Soul and Body
PHL 18000-18099	Selected Topics in Philosophy
PHL 18100-18199	Selected Topics in Philosophy
PHL 21400	Ethics
PHL 21500	Traditional Logic
PHL 24000	Bioethics
PHL 25000	Contemporary Moral Theory
PHL 25200	Dante and the Virtues
PHL 26000	Philosophy of Art
PHL 26500	Philosophy of Science
PHL 28000-28099	Selected Topics in Philosophy
PHL 28100-28199	Selected Topics in Philosophy
PHL 30000	The Natural Law
PHL 30500	Political Philosophy
PHL 31100	Ancient Philosophy
PHL 31200	Medieval Philosophy
PHL 31300	Modern Philosophy
PHL 32500	Philosophy of Religion
PHL 38000-38099	Selected Topics in Philosophy
PHL 38100-38199	Selected Topics in Philosophy
REL 15000	World Religions
REL 20100	History of Christianity
REL 20200	Religion in America
REL 21000	Old Testament
REL 21100	New Testament
REL 22200	Amusements and American Religion
REL 28000-28099	Selected Topics in Religion
REL 28100-28199	Selected Topics in Religion
REL 30000	Religion, Science, and Faith
REL 30500	The Psychology of Religion
REL 31000	Islam and the West
REL 31800	Asian Myth and Religion
REL 32000	The Christian Faith
REL 32600	Faith and Reason
REL 33000	Religious Upheaval in 16th Century Europe
REL 33500	Christianity, Ethics and Modern Society
REL 38000-38099	Selected Topics in Religion
REL 38100-38199	Selected Topics in Religion

## Fine Arts

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### *Three credit hours*

Select three credit hours of fine arts from these options:

ART 10000	Fundamentals of Drawing and Design
ART 13600	Three-Dimensional (3-D) Design
ART 18100	Analog Photography I
ART 18101	Digital Photography I
ART 24000	Ceramics I
ARTH 22200	History of Western Art to 1300
ARTH 22400	History of Western Art from 1300
ARTH 22600	History of Non-Western Art
DAN 10100	Introduction to Dance
DAN 17100	Dance as an Art
DAN 37100	Dance in the 21st Century
MUS 15000	Music in America
MUS 15500	Jazz History
MUS 16500	Introduction to Music Literature
MUS 35500	History of Western Music I
MUS 35600	History of Western Music II
MUS 35700	World Music
TA 10500	Fundamentals of Acting
TA 11700	Introduction to the Theatrical Arts
TA 31700	History of Costume and Fashion
TA 33500	Modern Drama
TA 33600	Survey of Dramatic Literature
TA 33700	Seminar in American Drama
TA 37000	History of Theatre
TA 37100	History of Theatre I
TA 37200	History of Theatre II
TA 38600-38699	Special Topics
TA 38700-38799	Special Topics

## American Government or American History

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### *Three credit hours*

Select three credit hours from these options:

HIS 10500	America: Colony to Civil War
HIS 10600	America: Civil War to World Power
HIS 15500	U.S. Government: Politics and History
HIS 21500	American History to 1865 Advanced Survey
HIS 21600	American History Since 1865 Advanced Survey
PS 15500	American Government: The Nation
PS 15600	American Government: The States

## Culture and Civilization

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Three credit hours

Required:

HIS 10000	World History Since 1500
	or
HIS 22100	Global History Since 1500

## Social Sciences

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Six credit hours (from two different disciplines)

Select six credit hours from these options:

ANT 10000	Introduction to Anthropology
ANT 11200	Cultural Anthropology
ANT 32700	Environmental Anthropology
ANT 33700	Anthropology of Migration
CJ 20000	Criminology
ECON 23010	Survey of Economics
ECON 23020	Principles of Microeconomics
ECON 23030	Principles of Macroeconomics
GEO 28200-28299	Special Topics
PSY 10000	Principles of Psychology
PSY 10100	Interactive Psychology
REC 20600	Leisure in Contemporary Society
SOC 10200	Basic Concepts of Sociology
SOC 21400	The Family
SOC 24000	The Sociology of Gender Roles
SW 24000	Human Diversity and Social Justice

## Mathematics and Natural Sciences

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Six to fifteen credit hours

Note: Specific math courses are required for certain programs.

Select two or three mathematics course in college-level mathematics from these options:

MTH 12100	Introduction to Contemporary Mathematics
MTH 14100	Basic Statistics
MTH 14200	Quantitative Methods for Business
MTH 14800	Mathematical Structures for Teachers I
MTH 14900	Mathematical Structures for Teachers II
MTH 15100	College Algebra
MTH 15200	Pre-calculus: Elementary Functions
MTH 17300	Survey of Calculus
MTH 24100	Statistics for Natural Science
MTH 27100	Calculus I
MTH 27200	Calculus II
PHL 21600	Modern Symbolic Logic
PSY 30600	Behavioral Science Statistics

## Natural Sciences

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Seven to twelve credit hours

Note: Specific science courses are required for certain programs.

### Bachelor of Science (BS)

Natural Science: three natural science courses (at least one of which must be a course with a lab), representing two or three of the following areas: earth science, physical science, or biological science.

### Bachelor of Science in Nursing (RN-BSN)

Natural Science: three natural science courses, one of which must include a lab.

### Biological Science

Select courses from these options:

ANT 13100	Biological Anthropology with Lab
BSC 10000	Concepts in Biology
BSC 10700	Human Biology
BSC 11000	Principles in Biology
BSC 11200	Environmental Biology
BSC 11400	Principles of Environmental Biology
BSC 11500	Environmental Biology Laboratory
BSC 12100	Nutrition
BSC 22700	Human Anatomy and Physiology I
BSC 24000	Introduction to Biological Diversity
BSC 24400	Introduction to Cellular and Molecular Biology
HFS 20700	Human Anatomy and Physiology
SCI 21400	Ethical Problems in Science

### Earth Science

Select courses from these options:

ESC 10000	Physical Geology with Lab
ESC 10500	Survey of Geology
ESC 11000	Introductory Meteorology
ESC 11100	Meteorology Lab
ESC 11500/GEO 11500	Physical Geography
ESC 12000	Oceanography
ESC 13000	Introductory Astronomy
ESC 13100	Astronomy Lab
ESC 13200	Introductory Astronomy with Lab

### Physical Science

Select courses from these options:

CHM 10000	Concepts in Chemistry
CHM 10100	The World of Chemistry
CHM 10500	Chemistry in Society
CHM 11100	Environmental Science
CHM 23000	General Chemistry 1
CHM 23100	General Chemistry 2

CHM 23200	General Chemistry 3
CHM 24100	General Chemistry 2 Laboratory
CHM 24200	General Chemistry 3 Laboratory
PHY 11100	Concepts of Physics
PHY 11200	Concepts of Physics Laboratory
PHY 25100	Introductory Physics I
PHY 25200	Introductory Physics II
PHY 30100	General Physics I
PHY 30200	General Physics II

*Note: Students holding an unencumbered nursing license may satisfy the GE Natural Sciences requirement for the BSN degree with three courses from a single area of science.*

## PREPARATORY PRE-COLLEGE PROGRAMS

### ENGLISH AS A SECOND LANGUAGE (ESL) PROGRAM

*Sara Marler-Rayfield, Director*

The Lindenwood University English as a Second Language Program (LU-ESL) is a full-time English instruction program designed for international students who wish to improve their English language skills. The mission of the program is to prepare students for university-level academic work in English, but the program can also meet the needs of individuals seeking to increase their English proficiency independent of an undergraduate program. Additionally, the program aims to give students the opportunity to increase their awareness of North American culture through extracurricular excursions. All ESL courses are based on a 13-14 week schedule; students are required to have 30 contact hours of English instruction per week. At the end of each term, students will be evaluated through an exam to determine their ability to progress to the next level. (For a schedule of term start and end dates, please see the ESL program calendar, found on the Lindenwood University website under *Admissions, Office of International Students and Scholars, ESL Program*.)

#### Program Calendar

##### Fall Semester 2013

English as a Second Language Program check-in	August 25
English as a Second Language Program orientation	August 25-29
Labor Day – no classes will meet	September 1
English as a Second Language Program classes begin	September 2
Last day to withdraw with “W”	October 3
Midterm (faculty) grades due, 5:00 PM	October 13
Last date to withdraw with “WP”/“WF”	October 31
Faculty In-service Day – no classes will meet	November 26
Thanksgiving holiday – no classes will meet	Nov 27-30
Last day of classes	December 5
Final exams	December 8-12
Lindenwood residential housing closes, 9:00 PM	December 12
Final (faculty) grades due, 5 PM	December 16

##### Spring Semester 2014

English as a Second Language Program check-in	January 26
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English as a Second Language Program orientation	January 26-30
English as a Second Language Program classes begin	February 2
Sibley Day – no classes will meet	February 18
Last day to withdraw with a “W”	March 6
Midterm (faculty) grades due, noon	March 17
Spring Break – no classes will meet	March 30-April 5
Last day to withdraw with a “WP” or “WF”	April 10
Last day of classes	May 8
Final exams	May 11-15
Lindenwood residential housing closes, 9:00 PM	May 15
Final (faculty) grades due, 5 PM	May 19

#### Application & Acceptance Procedures

##### Applying to the English as a Second Language Program

The application and enrollment procedures for students of the English as a Second Language program are outlined below.

Applicants shall submit all required application documents to the Office of International Students and Scholars:

- Application
- Affidavit of support
- Housing application and deposit
- Writing Sample (essay)
- Passport copy
- Health Insurance

*Note: Applicants may also be required to set up an appointment with an ESL program coordinator for a Skype video conference interview; this interview process will help to identify a suitable level of English Language instruction.*

For more information about the required documents for application to the ESL program, refer to the online application, found on the Lindenwood University website under *Admissions, Office of International Students and Scholars, ESL Program*. Then click on the application.

##### Applying to an Undergraduate Program after ESL

Students who plan to continue their education at Lindenwood University after the successful completion of the ESL program must additionally meet the following requirements:

- Achieve a minimum passing score on the TOEFL exam (may be taken at Lindenwood).

- Submit official transcripts with English translations and WES evaluations.
- Applicants must submit high school, undergraduate, and graduate transcripts from any school previously attended, along with English translations of all documents indicating the degree(s) earned and US equivalent Grade Point Average (GPA) for each transcript submitted. The student must submit these transcripts (college and graduate levels only) to Lindenwood University and to World Educational Services (WES) and request a course-by-course evaluation. No application to an undergraduate degree program will be complete until the WES evaluation is provided.

*Notes: (1) Applicants should list Lindenwood University as the recipient of the evaluation. WES will also provide a copy of the evaluation directly to the applicant. The applicant should keep this copy of the evaluation for his/her records. For more information about transcript evaluation, contact WES at [www.wes.org](http://www.wes.org).*

*(2) The cost for the evaluation of international transcripts will be incurred by the applicant. However, once the applicant obtains a visa and arrives at Lindenwood University, the cost of the evaluation will be refunded, provided that the applicant brings in the receipt for the evaluation service to the Office on International Students and Scholars.*

For more information on the TOEFL requirements and testing opportunities, speak to the ESL program director.

### **Acceptance, Arrival, and Orientation**

Upon acceptance to the ESL program, applicants shall receive a letter of acceptance, along with detailed information regarding program start dates, student arrival and check in dates, and orientation expectations and procedures.

Upon arrival to campus, all students will participate in a new student orientation session and take an English Placement Exam to determine English language proficiency. Depending on the results of this exam, students will be enrolled in courses corresponding to *ESL Level One* or *ESL Level Two*.

### **Additional Fees**

Each semester there is a \$250 Cultural Enrichment Outing fee. This fee covers required expenses such as transportation, meals, and admission incurred during ESL outings.

## **ESL - English as a Second Language Courses**

### **ESL - English as a Second Language Courses**

#### **ESL 05000 - Intensive English Reading and Writing I (6)**

Reading and Writing I is designed to focus on sentence-level English proficiency, as well as practical vocabulary, basic

language structures, and orthography. This course develops basic reading and writing skills needed to function successfully in US university courses while increasing student confidence in individual skills. Prerequisite: Admission to ESL Program and non-native English speaker Offered: fall and spring semesters.

#### **ESL 05500 - Intensive English Reading and Writing II (6)**

Reading and Writing II is designed to assist students with skills in reading and writing for academic purposes while exploring basic skills necessary to meet university standards. Skills taught will focus on building writing skills and teaching reading strategies while focusing on reading content-based material to prepare students for university level coursework. Additionally, the course will explore different styles of academic writing to prepare students for the academic expectations of US universities. Prerequisite: Admission to ESL Program and non-native English speaker Offered: fall and spring semesters.

#### **ESL 07000 - Intensive English Grammar I (3)**

English Grammar I provides students with the basic grammatical structures needed to move beyond sentence-level writing. English Grammar I focuses on entry-level grammar including parts of speech and sentence structure. Prerequisite: Admission to ESL Program and non-native English speaker Offered: fall and spring semesters.

#### **ESL 07500 - Intensive English Grammar II (3)**

Intensive English Grammar II is designed to improve knowledge and use of grammar. Through the student's writings, various grammatical structures will be explicitly examined, practiced, and applied. English Grammar II focuses on intermediate grammar skills. Prerequisite: Admission to ESL Program and non-native English speaker Offered: fall and spring semesters.

#### **ESL 09000 - Speaking and Listening I (3)**

Speaking and Listening I develops spoken English for academic and social situations. The main objectives of this course are to provide students the opportunity to improve their listening and speaking skills in English as well as to gain confidence in using these skills. Students learn and practice speaking skills, receive instruction regarding problem areas in pronunciation, and develop conversational skills. Students are also required to interact with native English speakers outside of the classroom through the Conversation Partner Program. Prerequisite: Admission to ESL Program and non-native English speaker Offered: fall and spring semesters.

#### **ESL 09500 - Speaking and Listening II (3)**

Speaking and Listening II focuses on improving English pronunciation and intercultural communication. Course objectives include identifying individual pronunciation issues and improving phonological stress, intonation, and rhythm. This course will also identify and address practical classroom issues such as note-taking and classroom communication. Students are also required to interact with native English speakers outside of the classroom through the Conversation Partner Program. Prerequisite: Admission to ESL Program and non-native English speaker Offered: fall and spring semesters.

# ROBERT W. PLASTER SCHOOL OF BUSINESS & ENTREPRENEURSHIP

## Introduction

### Mission Statement

Set forth below, the mission of the ACBSP [www.acbsp.org](http://www.acbsp.org) accredited School of Business & Entrepreneurship complements and expands upon the Lindenwood University mission statement. In furtherance of the University's mission, the School of Business & Entrepreneurship is committed to

- Providing a comprehensive core curriculum of business subjects.
- Instilling a strong and enduring sense of ethical business practices.
- Providing theoretical tools and analytical skills for lifelong use.
- Developing the student's communication and presentation skills.
- Offering major fields of study to equip students for specialized careers.
- Providing opportunities to supplement classroom education with real world experience.
- Expanding the student's geographical and cultural horizons for success in an increasingly global economy.
- Instilling the entrepreneurial model as an essential component of American free enterprise.
- Fostering the scholarship of teaching, application, integration, and discovery among its students and faculty, as appropriate.

### Graduate Outcomes

The School of Business & Entrepreneurship provides instruction, knowledge, and experience in an environment that encourages students to develop motivation and the ethical standards essential to becoming citizens in the global business community. The Lindenwood University School of Business & Entrepreneurship expects that its graduates should

- Have the contemporary business competencies of their chosen discipline and the aptitude required for life-long learning and personal development.
- Have the technical, human, and conceptual skills that would contribute to critical analysis, problem solving, operational recommendations, and continuous improvement of dynamic and changing organizations and the ability to professionally communicate those recommendations and improvements.

- Demonstrate the entrepreneurial spirit of being enterprising, resourceful, and productive in their professional lives.
- Be able to act and build upon the foundation of their coursework for the furtherance of their professional careers.

### Degrees Offered

The SB&E offers Bachelor of Arts degrees in

- Accounting
- Business Administration (also offered as an online degree program)
- Business Administration with emphasis
- Business Economics
- Entrepreneurial Studies
- Finance
- Human Resource Management
- International Business
- Marketing
- Personal Financial Planning
- Sport Management

The SB&E offers Bachelor of Science degrees in

- Accounting
- Business Economics
- Entrepreneurial Studies
- Finance
- International Business
- Marketing
- Personal Financial Planning

*Notes: (1) The Bachelor of Arts in Personal Financial is not yet accredited by ACBSP [www.acbsp.org](http://www.acbsp.org), as new business programs cannot be considered for ACBSP accreditation until the program has been in place for at least two years.*

*(2) Bachelor of Science degrees are not yet accredited by ACBSP [www.acbsp.org](http://www.acbsp.org), as new business programs cannot be considered for ACBSP accreditation until the programs have been in place for at least two years.*

### Business Administration with an Emphasis

Students pursuing a Bachelor of Arts in Business Administration may also opt to pursue an additional area of

emphasis. An emphasis is earned when 12 credit hours of the student's elective coursework (out of the 21 elective credit hours required for a degree in business administration) are completed from within a single business discipline. Emphases are offered in the following business areas:

- Accounting
- Economics
- Entrepreneurial studies
- Finance
- Human resource management
- International business
- Management
- Marketing
- Retail management
- Sport management

### Minors for Business Majors

Students of business degrees may pursue a minor beyond their first SB&E major. A minor is earned when the student has completed an additional 12-15 credit hours of coursework in the minor area (as dictated per minor) in addition to completing all degree requirements for the student's first major. Note that each required major course will satisfy the requirements for only one of the student's majors, minors, or emphasis areas. Minors for business students may be earned in one of the following business areas:

- Accounting
- Economics
- Entrepreneurial studies
- Finance
- Human resource management
- International business
- Marketing
- Retail management
- Sport management

### Minors for Non-Business Majors

Students pursuing undergraduate majors in fields other than those offered by the SB&E may declare a minor in one of the following business areas by completing 21-30 credit hours of coursework (as dictated per minor) in one of the following business areas:

- Accounting
- Business administration
- Economics
- Entrepreneurial studies
- Finance
- Human resource management
- International business
- Marketing
- Retail management
- Sport management

### Selecting a Double Major

Students may pursue a major beyond their first SB&E major. A second major is earned when the student has completed (in addition to the core business courses) all required major courses and elective major courses for the second major. Note that each required major course and elective major course the student completes will satisfy the requirements for only one of the student's declared majors.

### Transferring Credit from another Institution

The School of Business and Entrepreneurship accepts credit in transfer from other regionally accredited institutions except for in the following cases: (1) No D will be accepted in transfer for classes equivalent to ENG/EPP 15000 or ENGL 170000, which must be transferred with a grade of a C or better. (2) Courses in which a D was earned may not be applied to any business major, minor, or emphasis area (including prerequisite courses for the major, minor, or emphasis). The transferred grade of D may instead be counted for credit toward other general education or free elective requirements. Alternatively, the student may retake the course in question to apply it to a business major, minor, or emphasis area. (In this case, the transferred course credit will be removed from the transcript.)

### Early Access to SB&E Graduate Programs

Full time SB&E students maintaining an undergraduate GPA of 3.0 or higher may take up to nine credit hours of graduate level SB&E coursework during their senior year, taking no more than six graduate credit hours concurrently. Such graduate credit hours will count toward a graduate degree and not toward the bachelor's degree. Students in the early access program must maintain a GPA of 3.0 or higher in all graduate level courses.

*Notes: (1) Early access students enrolled in graduate coursework must also be concurrently enrolled in a minimum of 12 undergraduate credit hours during the semester in which any graduate courses are taken.*

*(2) Any student whose enrollment exceeds 18 credit hours per semester (including both graduate and undergraduate courses) will be subject to the University overload fee.*

### Course Formats and Schedules

The School of Business & Entrepreneurship offers many of its undergraduate courses in two formats: (1) the traditional the face-to-face format, taught on campus through weekly course meetings and (2) a web-based, online format, conducted asynchronously, (i.e. without fixed course meetings), requiring students to participate independently multiple times throughout each week. Currently being offered online are the school's core business courses (required for completion of all business degrees) and a selection of business elective courses, the combination of which will permit a student to complete a Bachelor of Arts in Business Administration online if desired. (See the

description of the business administration degree for more information.)

*Notes: (1) Traditional courses are offered on a semester schedule, with the fall semester beginning in August, and the spring semester beginning in January. Online courses are eight weeks in length, with two online terms fitting within each traditional semester, one beginning at the start of the semester and the other beginning at the mid-point of the semester. Both traditional and online courses are also offered during the summer.*

*(2) Semester undergraduate students are limited to taking one online class per semester, except for those students enrolled in the Early Access MBA program or any program offered entirely online.*

**Degree and Major Requirements**

To earn a Bachelor of Arts in any business discipline, students must complete the following requirements:

- GE business courses (9-15 credit hours; 9-11 credit hours for a BA, 13-15 credit hours for a BS)
- Core business courses (39 credit hours, required for all majors)
- Required major courses (credit hours vary by major)
- Elective major courses (credit hours vary by major; courses are selected from among a list of courses available in the major.)

*Note: Elective courses at or above the 30000 level may require prerequisites.*

**GE BUSINESS REQUIREMENTS**

*9-15 credit hours (9-11 credit hours for a BA; 13-15 credit hours for a BS)*

**Requirements**

To earn a degree in a business discipline, students must complete, with a grade of C or better, nine credit hours of coursework in fulfillment of the general education requirements.

GE Requirements for a Bachelor of Arts in Business		
Requirement	Course	Enrollment Eligibility Requirements
Complete the following course:	ECON 23020	N/A
Select either of the following courses:	MTH 14100 or MTH 24100	MTH 14100: General Education Math Placement Exam; MTH 24100: Precalculus Placement Exam
	MTH 14200*	General Education Math Placement Exam
Select one of the following courses: (*MTH 14200 will not prepare students for higher level calculus courses if the student	MTH 15100	College Algebra Placement Exam
	MTH 15200, MTH 17300	Precalculus Placement Exam
	MTH 27100 (5)	Calculus Placement Exam

changes to a BS. Students must have C or better in MTH 15100 or higher or have passed the appropriate placement exams to enroll in MTH 17500 or higher.)	(4), MTH 17500 (4)	Calculus Placement Exam
	MTH 27100 (5), MTH 27200 (5)	
GE Requirements for a Bachelor of Science in Business		
Requirement	Course	Enrollment Eligibility Requirements
Complete the following course:	ECON 23020	N/A
Select either of the following courses:	MTH 14100 or MTH 24100	MTH 14100: General Education Math Placement Exam; MTH 24100: Precalculus Placement Exam
Select one of the following six courses: (*MTH 14200 will not prepare students for higher level calculus courses.)	MTH 14200*	General Education Math Placement
	MTH 15100	College Algebra Placement Exam
	MTH 15200, MTH 173 (4), MTH 17500 (4)	Precalculus Placement Exam
Select one of the following two courses: (Students must have C or better in MTH 15100 or higher or have passed the appropriate placement exams to enroll in MTH 17500 or higher.)	MTH 27100 (5)	Calculus Placement Exam
	MTH 17500 (4)	Precalculus Placement Exam or C or better Math 151
Select one of the following two courses: (Students must have C or better in MTH 15100 or higher or have passed the appropriate placement exams to enroll in MTH 17500 or higher.)	MTH 27100 (5)	Calculus Placement Exam or C or better in Math 152
	MTH 17500 (4)	Precalculus Placement Exam or C or better Math 151

The following guidelines describe the courses and placement exams required for completion of the MTH component of the general education requirements for a business degree.

1. All incoming business students will take the General Education Math Placement Exam upon arrival. Students with passing scores may enroll directly in MTH 14100 Basic Statistics, a required course for all business students.
2. To fulfill additional general education requirements, students seeking a BS will need to take one or more additional placement exams. Students seeking placement into MTH 15100 College Algebra should enroll in MTH 14100 during their first term and take the College Algebra Placement Exam during that term to determine eligibility for placement in MTH 15100 College Algebra.
3. Students seeking placement into MTH 15200 Precalculus, MTH 17300 Survey of Calculus, MTH 17500 Business Calculus, or MTH 24100 Statistics for Natural Sciences must pass the Precalculus Placement Exam; students seeking placement into MTH 27100



Calculus I must pass the Calculus Placement Exam. (Note that MTH 17500 has MTH 15100 College Algebra as a prerequisite. Placing into MTH 17500 without College Algebra credit is only possible for those students who had calculus in high school. Such students should take the Precalculus Placement Exam to determine eligibility for MTH 17500 Business Calculus and Applications.)

4. The SB&E recommends that students enroll in MTH27100 Calculus I if they pass the Calculus Placement Exam, in MTH 17500 Business Calculus and Applications if they pass the Precalculus Placement Exam, and in MTH15100 College Algebra if they pass the College Algebra Placement Exam.

*Note: University general education requirements for students pursuing a BA also include two cross cultural GE courses, and the requirements for students pursuing a BS include three science GE courses. Refer to the general education requirements section of this catalog for more information.*

## CORE BUSINESS REQUIREMENTS

### Requirements

39 credit hours

ACCT 21010	Principles of Financial Accounting
ACCT 21011	Principles of Managerial Accounting
ECON 23030	Principles of Macroeconomics
FIN 32000	Principles of Finance
INTL 38000	Global Business and Society
MGMT 16022	Introduction to Business and Free Enterprise
MGMT 26032	Principles of Management
MGMT 26061	Business Law I
MGMT 36033	Introduction to Management Decision Science
MGMT 46082	Management Policy
MIS 24000	Introduction to Information Systems
MRKT 35010	Principles of Marketing

Plus one of the HRM courses below:

HRM 36510	Human Resource Management
MGMT 36050	Organizational Behavior

*Notes: (1) MGMT 16022 Introduction to Business and Free Enterprise is waived if the student has nine or more credit hours in business coursework when entering the program.*

*(2) MGMT 46082 is the capstone course, which is to be taken during the student's last semester of the business program. Students pursuing a BA in Sport Management will not take MGMT 46082 but will complete SPMGT 47080 instead.*

*(3) Students pursuing a Bachelor of Arts in Human Resource Management will take both HRM courses.*

*(4) Students earning a BA in Business Administration online may take all core courses online.*

## Accounting Department

*Jennifer Mack, PhD, Chair*

Students pursuing a degree in accounting will acquire both theoretical and practical accounting skills. The accounting degree allows students the flexibility to choose, upon graduation, to enter private industry or to meet the accounting and business credit requirements necessary in order to sit for the Uniform CPA exam. Accounting students aspiring to become CPAs will be required to complete a total of 150 college credit hours to meet the Uniform CPA Exam Qualifications. Students wishing to meet these requirements should consult with a faculty advisor to discuss such plans.

### ACCOUNTING BA, BS

*Bachelor of Arts: 75-77 credit hours in major*

*Bachelor of Science: 79-81 credit hours in major*

### Requirements

A degree in accounting requires the completion of the following courses:

Core business and GE business courses (48-54 credit hours), plus seven required major courses (21 credit hours):

ACCT 31012	Accounting Cycle Analyses
ACCT 31020	Financial Accounting and Reporting I
ACCT 31021	Financial Accounting and Reporting II
ACCT 31040	Accounting Information Systems
ACCT 41030	Introduction to Cost Accounting
ACCT 41050	Income Tax
ACCT 41080	Auditing

Electives selected from the following options:

For a BA: two elective major courses (6 credit hours)

For a BS: two elective major courses (6 credit hours)

ACCT 31041	Excel for Accounting
ACCT 39000-39999	Special Topics in Accounting
ACCT 41055	Income Tax-Corporate
ACCT 41060	Governmental and Nonprofit Accounting
ACCT 41065	Introduction to International Accounting
ACCT 41070	Financial Statement Analysis
ACCT 41095	Internship
ACCT 49000-49999	Special Topics in Accounting
MGMT 36062	Business Law II

## ACCOUNTING MINOR

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27 credit hours

### Requirements

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Students interested in pursuing a minor in accounting must complete the following courses:

ACCT 21010	Principles of Financial Accounting
ACCT 21011	Principles of Managerial Accounting
ACCT 31020	Financial Accounting and Reporting I
ACCT 31040	Accounting Information Systems
ACCT 41050	Income Tax
ECON 23020	Principles of Microeconomics
MIS 24000	Introduction to Information Systems
MTH 14100	Basic Statistics
	or
MTH 24100	Statistics for Natural Science

Students must also complete either:

ACCT 31021	Financial Accounting and Reporting II
	or
ACCT 41030	Introduction to Cost Accounting

## ACCOUNTING EMPHASIS

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12 credit hours

### Requirements

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Students pursuing a Bachelor of Arts in Business Administration may earn an emphasis in accounting by completing 12 of their 21 credit hours of elective coursework in accounting. Emphasis area courses may be selected from among the following options:

ACCT 31020	Financial Accounting and Reporting I
ACCT 31021	Financial Accounting and Reporting II
ACCT 31040	Accounting Information Systems
ACCT 41022	Financial Accounting and Reporting III
ACCT 41030	Introduction to Cost Accounting
ACCT 41050	Income Tax
ACCT 41060	Governmental and Nonprofit Accounting
ACCT 41070	Financial Statement Analysis
ACCT 41080	Auditing

## Business Administration Department

*Michael Marzano, DMgt, Interim Chair*

Students may obtain a Bachelor of Arts in Business Administration, and, if desired, they may customize their business administration degree by adding an emphasis in a particular area of study.

A Bachelor of Arts in Business Administration may be earned traditionally or online. The online degree may be earned by completing online both (1) all core business courses and (2) the seven elective courses currently offered online. Alternatively, to complete the degree, students may

opt to select any seven elective courses from among the online and traditionally offered business elective courses at or above the 3000-level, including no more than one special topics and/or internship course.

Note that if a student wishes to complete an emphasis area, some emphasis area elective coursework must be completed on campus.

## BUSINESS ADMINISTRATION BA

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72-74 credit hours in major

### Requirements

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A degree in business administration requires the completion of the following courses:

Core business and GE business courses (48-50 credit hours), plus one required Major Course (3 credit hours):

MGMT 36043 Principles of Operations Management

Elective requirement (21 credit hours)

Seven elective major courses, selected from any business course at or above the 30000 level, including no more than one Special Topics and/or Internship course. Students pursuing an emphasis area will complete 12 credit hours of elective coursework from within one business discipline.

## BUSINESS ADMINISTRATION BA ONLINE

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72-74 credit hours in major

### Requirements

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A degree in business administration requires the completion of the following courses:

Core business and GE business courses (48-50 credit hours), plus one required Major Course (3 credit hours):

MGMT 36043 Principles of Operations Management

Elective requirement (21 credit hours)

Seven elective major courses, selected from any business course at or above the 30000 level, including no more than one Special Topics and/or Internship course. Students pursuing an emphasis area will complete 12 credit hours of elective coursework from within one business discipline. Students pursuing a degree in business administration online may opt to complete all elective coursework online by completing the following seven elective courses:

ACCT 41070	Financial Statement Analysis
ENTR 37510	Small Business and Entrepreneurship
FIN 32020	Investments 1
INTL 48010	International Marketing
MGMT 36042	Supply Chain Management
MGMT 36081	Career Development
MRKT 35050	Selling

Online students, particularly those who wish to complete an emphasis area, may instead opt to select a combination of any seven online and traditionally offered business elective courses at or above the 30000-level in order to complete the degree. No more than one special topics and/or internship course may be used to fulfill the elective requirement.

## **BUSINESS ADMINISTRATION MINOR**

*24 credit hours*

### **Requirements**

Students from majors outside of the School of Business & Entrepreneurship may earn a minor in business administration by completing the following courses:

ACCT 21010	Principles of Financial Accounting
ECON 23020	Principles of Microeconomics
FIN 32000	Principles of Finance
HRM 36510	Human Resource Management
MGMT 26032	Principles of Management
MRKT 35010	Principles of Marketing
MGMT 36043	Principles of Operations Management
MTH 14100	Basic Statistics
	or
MTH 24100	Statistics for Natural Science

*Note that prerequisite coursework may be required prior to enrollment in minor courses.*

## **Economics Department**

*Howard Wall, PhD, Chair*

An economics degree provides students with a solid grounding in economic theory, along with training in applied econometrics. In addition to their specialized training, economics students will receive a well-rounded business education that will prepare them for a wide array of careers in business. Many employers place high value on employees with quantitative skills. Economics training is also excellent preparation for graduate coursework in business, law, or the social sciences.

## **BUSINESS ECONOMICS BA**

*Bachelor of Arts: 72-74 credit hours in major*

### **Requirements**

A Bachelor of Arts in Business Economics requires the completion of the following courses:

Core business and GE business courses (48-50 credit hours), plus three required major courses (9 credit hours):

ECON 33025	Money and Banking
ECON 33040	Intermediate Microeconomics
ECON 33045	Intermediate Macroeconomics

Five elective major courses (15 credit hours)

Students shall complete five elective courses, at least four of which must be selected from group A.

#### *Group A*

ECON 33020	Managerial Economics
ECON 33035	Current Economic & Social Issues
ECON 33055	Economics and the Environment
ECON 33060	History of Economic Thought
ECON 33065	Seminar in Economic Federalism
ECON 39000-39999	Special Topics in Economics
ECON 43010	Labor Economics
ECON 43020	Public Economics
ECON 43030	Urban and Regional Economics
ECON 43078	Econometrics
ECON 43095	Internship
ECON 49000-49999	Special Topics in Economics
INTL 48040	International Economics
MGMT 38900	Game Theory
SPMGT 33000	Sport Economics

#### *Group B*

HIS 31400	Economic History of America
FIN 32010	Corporate Finance I
FIN 42010	Corporate Finance II
INTL 48020	International Finance
MTH 27100	Calculus I
PS 31500	Policy Analysis Statistics
PS 32000	Public Finance
PS 33050	Political Economy
PS 47500	Governmental and Economic Research

**BUSINESS ECONOMICS BS**

*Bachelor of Science: 76-78 credit hours in major*

**Requirements**

A Bachelor of Science in Business Economics requires the completion of the following courses:

Core business and GE business courses (52-54 credit hours), plus four required major courses (12 credit hours):

ECON 33025	Money and Banking
ECON 33040	Intermediate Microeconomics
ECON 33045	Intermediate Macroeconomics
ECON 43078	Econometrics

Four elective major courses (12 credit hours)

Students shall complete four elective courses, at least three of which must be selected from group A.

*Group A*

ECON 33020	Managerial Economics
ECON 33035	Current Economic & Social Issues
ECON 33055	Economics and the Environment
ECON 33060	History of Economic Thought
ECON 33065	Seminar in Economic Federalism
ECON 39000-39999	Special Topics in Economics
ECON 43010	Labor Economics
ECON 43020	Public Economics
ECON 43030	Urban and Regional Economics
ECON 43095	Internship
ECON 49000-49999	Special Topics in Economics
INTL 48040	International Economics
MGMT 38900	Game Theory
SPMGT 33000	Sport Economics

*Group B*

HIS 31400	Economic History of America
FIN 32010	Corporate Finance I
FIN 42010	Corporate Finance II
INTL 48020	International Finance
MTH 27100	Calculus I
PS 31500	Policy Analysis Statistics
PS 32000	Public Finance
PS 33050	Political Economy
PS 47500	Governmental and Economic Research

**ECONOMICS MINOR**

*21 credit hours*

**Requirements**

Students interested in pursuing a minor in economics must complete the following courses:

ECON 23020	Principles of Microeconomics
ECON 23030	Principles of Macroeconomics
ECON 33040	Intermediate Microeconomics
ECON 33045	Intermediate Macroeconomics
MTH 14100	Basic Statistics
	or
MTH 24100	Statistics for Natural Science

Students must also choose two of the following courses:

ECON 33020	Managerial Economics
ECON 33025	Money and Banking
ECON 33035	Current Economic & Social Issues
ECON 33055	Economics and the Environment
ECON 33060	History of Economic Thought
ECON 33065	Seminar in Economic Federalism
ECON 43078	Econometrics
INTL 48040	International Economics
MGMT 38900	Game Theory
SPMGT 33000	Sport Economics

**ECONOMICS EMPHASIS**

*12 credit hours*

**Requirements**

Students pursuing a Bachelor of Arts in Business Administration may earn an emphasis in economics by completing 12 of their 21 credit hours of elective coursework in economics. Emphasis area courses may be selected from among the following options:

ECON 33020	Managerial Economics
ECON 33025	Money and Banking
ECON 33035	Current Economic & Social Issues
ECON 33040	Intermediate Microeconomics
ECON 33045	Intermediate Macroeconomics
ECON 33055	Economics and the Environment
ECON 33060	History of Economic Thought
ECON 33065	Seminar in Economic Federalism
ECON 43078	Econometrics
INTL 48040	International Economics
MGMT 38900	Game Theory
SPMGT 33000	Sport Economics

## Entrepreneurial Studies Department

*Robert Allen, DBA, Interim Chair*

### ENTREPRENEURIAL STUDIES BA, BS

*Bachelor of Arts: 72-74 credit hours in major*

*Bachelor of Science: 79-81 credit hours in major*

#### Requirements

A degree in entrepreneurial studies requires the completion of the following courses:

Core business and GE business courses (48-54 credit hours), plus seven required major courses (21 credit hours):

ACCT 41070	Financial Statement Analysis
ENTR 37510	Small Business and Entrepreneurship
ENTR 47510	Financing Business Ventures
ENTR 47515	Case Studies in Entrepreneurship
ENTR 47520	New Venture Initiation
MGMT 36043	Principles of Operations Management
MRKT 35020	Marketing Information and Research

Electives selected from the following options:

For a BA: one elective major courses (3 credit hours)

For a BS: two elective major courses (6 credit hours)

ENTR 39000-39999	Special Topics in Entrepreneurial Studies
ENTR 49000-49999	Special Topics in Entrepreneurial Studies
ENTR 47595	Internship
INTL 48010	International Marketing
MGMT 36042	Principles of Supply Chain Management
MGMT 36062	Business Law II
MRKT 35030	Pricing Strategy and Negotiations
MRKT 35040	Advertising and Promotional Strategy
MRKT 35050	Selling

### ENTREPRENEURIAL STUDIES MINOR

*33 credit hours*

#### Requirements

Students interested in pursuing a minor in entrepreneurial studies must complete the following courses:

ACCT 21010	Principles of Financial Accounting
ECON 23020	Principles of Microeconomics
ENTR 37510	Small Business and Entrepreneurship
ENTR 47510	Financing Business Ventures
ENTR 47515	Case Studies in Entrepreneurship
ENTR 47520	New Venture Initiation
FIN 32000	Principles of Finance
MGMT 26032	Principles of Management
MRKT 35010	Principles of Marketing

MTH 14100 Basic Statistics  
or

MTH 24100 Statistics for Natural Science

Students must also complete one of the following courses:

HRM 49000-49999	Special Topics in Human Resource Management
ENTR 47595	Internship
HRM 36510	Human Resource Management
INTL 48010	International Marketing
MGMT 36042	Principles of Supply Chain Management
MRKT 35020	Marketing Information and Research
MRKT 35030	Pricing Strategy and Negotiations
MRKT 35040	Advertising and Promotional Strategy
MRKT 35050	Selling
MRKT 45060	Marketing Communications
RTAIL 35535	Survey of Retail Operations

### ENTREPRENEURIAL STUDIES EMPHASIS

*12 credit hours*

#### Requirements

Students pursuing a Bachelor of Arts in Business Administration may earn an emphasis in entrepreneurial studies by completing 12 of their 21 credit hours of elective coursework in entrepreneurial studies. To earn this emphasis, students must complete the following courses:

ENTR 37510	Small Business and Entrepreneurship
ENTR 47510	Financing Business Ventures
ENTR 47515	Case Studies in Entrepreneurship
ENTR 47520	New Venture Initiation

## Finance Department

*James Boyd, PhD, Chair*

### FINANCE BA, BS

*Bachelor of Arts: 72-74 credit hours in major*

*Bachelor of Science: 79-81 credit hours in major*

#### Requirements

A degree in finance requires the completion of the following courses:

Core business and GE business courses (48-54 credit hours), plus six required major courses (18 credit hours):

ENTR 47510	Financing Business Ventures
FIN 32010	Corporate Finance I
FIN 32020	Investments I
FIN 32050	Financial Institutions and Markets
FIN 42080	Seminar in Finance
INTL 48020	International Finance

Electives selected from the following options:

For a BA: Two elective major courses (6 credit hours)

For a BS: Three elective major courses (9 credit hours)

ACCT 31012	Accounting Cycle Analyses
ACCT 31020	Financial Accounting and Reporting I
ACCT 31021	Financial Accounting and Reporting II
ACCT 41050	Income Tax
ACCT 41070	Financial Statement Analysis
ECON 33025	Money and Banking
FIN 32030	Consumer Finance
FIN 32035	Retirement Planning
FIN 32036	Estate Planning
FIN 32040	Risk & Insurance
FIN 32092	Analysis of the Housing Market and Home Purchase Process
FIN 39000-39999	Special Topics in Finance
FIN 42010	Corporate Finance II
FIN 42020	Investments II
FIN 49000-49999	Special Topics in Finance
FIN 42095	Internship
PS 32000	Public Finance

## FINANCE MINOR

*27 credit hours*

### Requirements

Students interested in pursuing a minor in finance must complete the following courses:

ACCT 21010	Principles of Financial Accounting
ECON 23020	Principles of Microeconomics
ECON 23030	Principles of Macroeconomics
FIN 32000	Principles of Finance
FIN 32010	Corporate Finance I
FIN 32020	Investments I
FIN 32050	Financial Institutions and Markets
MTH 14100	Basic Statistics
	or
MTH 24100	Statistics for Natural Science

Students must also complete either:

ENTR 47510	Financing Business Ventures
	or
INTL 48020	International Finance

## FINANCE EMPHASIS

*12 credit hours*

### Requirements

Students pursuing a Bachelor of Arts in Business Administration may earn an emphasis in finance by completing 12 of their 21 credit hours of elective coursework in finance. Emphasis area courses may be selected from among the following options:

FIN 32010	Corporate Finance I
FIN 32020	Investments I
FIN 32030	Consumer Finance
FIN 32040	Risk & Insurance
FIN 32050	Financial Institutions and Markets
FIN 42010	Corporate Finance II
FIN 42020	Investments II
FIN 42080	Seminar in Finance
INTL 48020	International Finance
PS 32000	Public Finance

## PERSONAL FINANCIAL PLANNING BA, BS

*Bachelor of Arts: 72-74 credit hours in major*

*Bachelor of Science: 79-81 credit hours in major*

The personal financial planning programs are CFP board certified and satisfy the CFP education requirement; students who complete a degree in Personal Financial Planning are eligible to sit for the CFP final exam. Personal financial planning includes the core areas of personal financial management: investment planning, estate planning, risk management, retirement planning, employee benefits, and income tax planning. Students will learn to analyze and evaluate the financial planning needs of individuals and small businesses; they will learn how to effectively make recommendations contained in that financial plan. While a degree in personal financial planning prepares and positions students for a career in the financial services industry, the financial planning skills they acquire will serve them no matter what career path they choose.

### Requirements

A degree in personal financial planning requires the completion of the following courses:

Core business and GE business courses (48-54 credit hours), plus eight required major courses (24 credit hours):

ACCT 41050	Income Tax
FIN 32020	Investments I
FIN 32030	Consumer Finance
FIN 32035	Retirement Planning
FIN 32036	Estate Planning
FIN 32040	Risk & Insurance
FIN 42020	Investments II

FIN 42030 Financial Planning Capstone  
For the BS, students will select one elective course (3 credit hours) from among the following options:

ACCT 31020	Financial Accounting and Reporting I
ACCT 31021	Financial Accounting and Reporting II
ACCT 41070	Financial Statement Analysis
ECON 33025	Money and Banking
FIN 39000-39999	Special Topics in Finance
FIN 42010	Corporate Finance II
FIN 49000-49999	Special Topics in Finance
PS 32000	Public Finance

### **PERSONAL FINANCIAL PLANNING MINOR**

*30 credit hours*

#### **Requirements**

Students interested in pursuing a minor in personal financial planning must complete the following courses:

ACCT 21010	Principles of Financial Accounting
ECON 23020	Principles of Microeconomics
ECON 23030	Principles of Macroeconomics
FIN 32000	Principles of Finance
FIN 32030	Consumer Finance
MTH 14100	Basic Statistics
	or
MTH 24100	Statistics for Natural Science

Students must also complete three of the following courses:

FIN 32010	Corporate Finance I
FIN 32020	Investments I
FIN 32035	Retirement Planning
FIN 32036	Estate Planning
FIN 32040	Risk & Insurance
FIN 42020	Investments II

### **Human Resource Management Department**

*Renee Porter, PhD, Interim Chair*

### **HUMAN RESOURCE MANAGEMENT BA**

*72-74 credit hours*

#### **Requirements**

A degree in human resource management requires the completion of the following courses:

Core business and GE business courses (45-47 credit hours), plus seven required major courses (21 credit hours):

MGMT 36050	Organizational Behavior
HRM 36510	Human Resource Management
HRM 36520	Labor Relations
HRM 36530	Employee Training and Development
HRM 36540	Employment Law
HRM 36550	Compensation and Benefits
HRM 46599	Human Resource Management Capstone

Two elective major courses (6 credit hours), selected from any business course at or above the 30000 level, including not more than one course from among the following options:

HRM 39000-39999	Special Topics in Human Resource Management
HRM 49000-49999	Special Topics in Human Resource Management
HRM 46595	Internship

### **HUMAN RESOURCE MANAGEMENT MINOR**

*27 credit hours*

#### **Requirements**

Students interested in pursuing a minor in human resource management must complete the following courses:

ECON 23020	Principles of Microeconomics
MGMT 36050	Organizational Behavior
HRM 36510	Human Resource Management
HRM 36530	Employee Training and Development
HRM 36540	Employment Law
MIS 24000	Introduction to Information Systems
MGMT 26032	Principles of Management
MTH 14100	Basic Statistics
	or
MTH 24100	Statistics for Natural Science

Students must also complete one of the following courses:

HRM 36520	Labor Relations
HRM 36550	Compensation and Benefits

HRM 39000-	Special Topics in Human Resource
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39999	Management
HRM 49000-49999	Special Topics in Human Resource Management

## HUMAN RESOURCE MANAGEMENT EMPHASIS

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*12 credit hours*

Students pursuing a Bachelor of Arts in Business Administration may earn an emphasis in human resource management by completing 12 of their 21 credit hours of elective coursework in human resource management. Emphasis area courses may be selected from among the following options:

MGMT 36050	Organizational Behavior
HRM 36510	Human Resource Management
HRM 36520	Labor Relations
HRM 36530	Employee Training and Development
HRM 36540	Employment Law
HRM 36550	Compensation and Benefits

*\*MGMT 36050 or HRM 36510 may be selected as an elective only if not selected to fulfill the core requirement.*

## International Business Department

*John Loughlin, PhD, Chair*

### INTERNATIONAL BUSINESS BA, BS

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*Bachelor of Arts: 72-74 credit hours in major*

*Bachelor of Science: 79-81 credit hours in major*

#### Requirements

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A degree in international business requires the completion of the following courses:

Core business and GE business courses (48-54 credit hours), plus six required major courses (18 credit hours):

INTL 48010	International Marketing
INTL 48020	International Finance
INTL 48032	International Management
INTL 48070	International Business and Cross-Cultural Communications
INTL 48085	International Business Strategy and Management
IR 35000	International Relations Theory

Electives selected from the following options:

For a BA: Two elective major courses (6 credit hours)

For a BS: Three elective major courses (9 credit hours)

INTL 39000-39999	Special Topics in International Business
INTL 48040	International Economics
INTL 48060	International Risk and Politics
INTL 49000-49999	Special Topics in International Business
INTL 48095	Internship
PS 30000	Comparative Analysis

### INTERNATIONAL BUSINESS MINOR

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*30 credit hours*

#### Requirements

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Students interested in pursuing a minor in international business must complete the following courses:

ACCT 21010	Principles of Financial Accounting
ECON 23020	Principles of Microeconomics
INTL 38000	Global Business and Society
INTL 48010	International Marketing
INTL 48032	International Management
MGMT 26032	Principles of Management
MRKT 35010	Principles of Marketing
MTH 14100	Basic Statistics
	or
MTH 24100	Statistics for Natural Science

Students must also complete either:

INTL 48020	International Finance
	or
INTL 48040	International Economics

Students must also complete either:

INTL 48060	International Risk and Politics
	or
INTL 48070	International Business and Cross-Cultural Communications

### INTERNATIONAL BUSINESS EMPHASIS

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*12 credit hours*

Students pursuing a Bachelor of Arts in Business Administration may earn an emphasis in international business by completing 12 of their 21 credit hours of elective coursework in international business. Emphasis area courses may be selected from among the following options:

INTL 48010	International Marketing
INTL 48020	International Finance
INTL 48032	International Management
INTL 48040	International Economics



INTL 48060	International Risk and Politics
INTL 48070	International Business and Cross-Cultural Communications
IR 35000	International Relations Theory

## Management Department

*Stan Coker, DMgt, Chair*

### MANAGEMENT EMPHASIS

*12 credit hours*

Students pursuing a Bachelor of Arts in Business Administration may earn an emphasis in management by completing 12 of their 21 credit hours of elective coursework in management. Emphasis area courses may be selected from among the following options:

ENTR 37510	Small Business and Entrepreneurship
HRM 36510	Human Resource Management
HRM 36520	Labor Relations
INTL 48032	International Management
MGMT 36042	Principles of Supply Chain Management
MGMT 36043	Principles of Operations Management
MGMT 36050	Organizational Behavior
MGMT 36062	Business Law II
MGMT 36081	Career Development
MGMT 46040	Project Management
MGMT 46050	Managerial Ethics
MGMT 46063	Business Law III

*\*MGMT 36050 or HRM 36510 may be selected only if not selected to fulfill the core requirement.*

## Marketing Department

*David Arns, MS, Chair*

### MARKETING BA, BS

*Bachelor of Arts: 72-74 credit hours in major*

*Bachelor of Science: 79-81 credit hours in major*

#### Requirements

A degree in marketing requires the completion of the following courses:

Core business and GE business courses (48-54 credit hours), plus five required major courses (15 credit hours)

MRKT 35020	Marketing Information and Research
MRKT 35030	Pricing Strategy and Negotiations
MRKT 35040	Advertising and Promotional Strategy
MRKT 35050	Selling
MRKT 45080	Marketing Management and Planning

Electives selected from the following options:

For a BA: Three elective major courses (9 credit hours)

For a BS: 4 elective major courses (12 credit hours)

INTL 48010	International Marketing
MGMT 36042	Principles of Supply Chain Management
MRKT 35060	Product Management
MRKT 39000-39999	Special Topics in Marketing
MRKT 45060	Marketing Communications
MRKT 45070	Consumer Behavior
MRKT 49000-49999	Special Topics in Marketing
MRKT 45095	Internship
RTAIL 35530	Retail Buying
RTAIL 35535	Survey of Retail Operations
RTAIL 45540	Retail Merchandising Control
SPMGT 37040	Sport Marketing and Promotion
SPMGT 37050	Event Management

### MARKETING MINOR

*27 credit hours*

#### Requirements

Students interested in pursuing a minor in marketing must complete the following courses:

ACCT 21010	Principles of Financial Accounting
ECON 23020	Principles of Microeconomics
MGMT 26032	Principles of Management
MRKT 35010	Principles of Marketing
MRKT 35020	Marketing Information and Research
MRKT 35030	Pricing Strategy and Negotiations
MRKT 35040	Advertising and Promotional Strategy
MRKT 35050	Selling
MTH 14100	Basic Statistics
	or
MTH 24100	Statistics for Natural Science

### MARKETING EMPHASIS

*12 credit hours*

Students pursuing a Bachelor of Arts in Business Administration may earn an emphasis in marketing by completing 12 of their 21 credit hours of elective coursework in marketing. Emphasis area courses may be selected from among the following options:

INTL 48010	International Marketing
MRKT 35020	Marketing Information and Research
MRKT 35030	Pricing Strategy and Negotiations
MRKT 35040	Advertising and Promotional Strategy
MRKT 35050	Selling
MRKT 35060	Product Management
MRKT 45060	Marketing Communications

MRKT 45070	Consumer Behavior
SPMGT 37040	Sport Marketing and Promotion

## Retail Management Department

*David Arns, MS, Chair*

### RETAIL MANAGEMENT MINOR

*27 credit hours*

#### Requirements

Students interested in pursuing a minor in retail must complete the following courses:

ACCT 21010	Principles of Financial Accounting
ECON 23020	Principles of Microeconomics
MGMT 26032	Principles of Management
MRKT 35010	Principles of Marketing
MTH 14100	Basic Statistics
RTAIL 15510	Introduction to Retailing
RTAIL 25520	Retail Communications
RTAIL 35530	Retail Buying
MTH 14100	Basic Statistics
	or
MTH 24100	Statistics for Natural Science

Students must also complete one of the following courses:

RTAIL 35535	Survey of Retail Operations
MRKT 35020	Marketing Information and Research
MRKT 35030	Pricing Strategy and Negotiations
MRKT 35040	Advertising and Promotional Strategy
MRKT 35060	Product Management
MRKT 45070	Consumer Behavior

### RETAIL MANAGEMENT EMPHASIS

*12 credit hours*

#### Requirements

Students pursuing a Bachelor of Arts in Business Administration may earn an emphasis in retail management by completing 12 credit hours of elective coursework in retail management. Emphasis area courses may be selected from among the following options:

MRKT 35040	Advertising and Promotional Strategy
MRKT 35050	Selling
MRKT 35060	Product Management
MRKT 45070	Consumer Behavior
RTAIL 15510	Introduction to Retailing
RTAIL 25520	Retail Communications
RTAIL 35530	Retail Buying
RTAIL 35535	Survey of Retail Operations
RTAIL 45540	Retail Merchandising Control

## Sport Management Department

*Molly Hudgins, JD, Chair*

A Bachelor of Arts in Sport Management prepares students for a career in the sport industry. The sport management degree provides students with a core business degree; however, it also gives students the opportunity to apply the core business theories of economics, marketing, finance, and accounting to the growing world of sport and recreation. Students graduating with a sport management degree are prepared for a career in any sector of the sport industry, including sales of sport and sport related products, event management, facility management, intercollegiate athletics, youth and high school sports, professional sport, and sport marketing.

The sport management degree prepares students through both theoretical and practical learning. Students learn the theories associated with marketing, selling, directing, and financing sport while incorporating the legal and ethical theories necessary to be a successful sport manager. Students also have the opportunity to practically apply the theories that they learn in the classroom through active learning and real-life situational case studies. Finally, all sport management students are required to complete a practicum (internship) in the sport industry, allowing them to gain practical experience and a jump-start on their careers.

### SPORT MANAGEMENT BA

*72-74 credit hours*

#### Requirements

A Bachelor of Arts in Sport Management requires the completion of the following courses:

Core business and GE business courses (48-50 credit hours), with SPMGT 47080 Sport Management Policy replacing MGMT 46082 Management Policy.

Five required major courses (15 credit hours)

SPMGT 27020	Orientation to Sport Management
SPMGT 37040	Sport Marketing and Promotion
SPMGT 37050	Event Management
SPMGT 37060	Sport Law
SPMGT 47095	Practicum in Sport Management

Three elective major courses (9 credit hours) selected from among the courses listed below, with no more than two of the three courses coming from within the same category.

#### Communications

COM 11500	Sportscasting
COM 15400	Video Production
COM 23300	Fundamentals of the Internet
COM 30104	Applied Mass Communication-Sports Information

COM 30200	Seminar in Professional Practice and Ethics
COM 30300	Written Communication for Business
COM 30500	Desktop Publishing
COM 34000	Television Sports Production I

**Economics and Finance**

ECON 33025	Money and Banking
PS 32000	Public Finance
FIN 32040	Risk & Insurance

**Human Resource Management and Management**

MGMT 36050	Organizational Behavior
HRM 36510	Human Resource Management
HRM 36520	Labor Relations
HRM 36530	Employee Training and Development
HRM 36540	Employment Law
MGMT 36062	Business Law II
MGMT 46050	Managerial Ethics

*\*MGMT 36050 or HRM 36510 may be selected only if not selected to fulfill the core requirement.*

**Marketing and Retail Management**

MRKT 35020	Marketing Information and Research
MRKT 35030	Pricing Strategy and Negotiations
MRKT 35040	Advertising and Promotional Strategy
MRKT 35050	Selling
MRKT 45060	Marketing Communications
MRKT 45070	Consumer Behavior
RTAIL 35535	Survey of Retail Operations

**History**

HIS 23200	History of American Sports
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**Physical Education**

EXS 31500	Physiology of Exercise
PE 15000	Foundations of Physical Education
HFS 16000	First Aid/CPR/Sport Injuries
HFS 20000	Health and Nutrition
HFS 22000	Motor Learning and Rhythmic Activity
HFS 30500	Measurement & Evaluation in Physical Education
HFS 31000	Kinesiology of Physical Education
PE 31800	Coaching with Character
PE 32000	Psychological and Sociological Aspects of Physical Education
PE 34900	Organization and Administration of Health and Physical Education

**Sport Management**

SPMGT 33000	Sport Economics
SPMGT 39000-39999	Special Topics in Sport Management
SPMGT 49000-49999	Special Topics in Sport Management

**SPORT MANAGEMENT MINOR**

*27 credit hours*

**Requirements**

Students interested in pursuing a minor in sport management must complete the following courses:

ACCT 21010	Principles of Financial Accounting
ECON 23020	Principles of Microeconomics
MGMT 26032	Principles of Management
MRKT 35010	Principles of Marketing
MTH 14100	Basic Statistics
	or
MTH 24100	Statistics for Natural Science
SPMGT 27020	Orientation to Sport Management
SPMGT 37040	Sport Marketing and Promotion
SPMGT 37050	Event Management
SPMGT 37060	Sport Law

**SPORT MANAGEMENT EMPHASIS**

*12 credit hours*

Students pursuing a Bachelor of Arts in Business Administration may earn an emphasis in sport management by completing 12 credit hours of elective coursework in sport management. Emphasis area courses may be selected from among the following options:

SPMGT 27020	Orientation to Sport Management
SPMGT 37040	Sport Marketing and Promotion
SPMGT 37050	Event Management
SPMGT 37060	Sport Law

## SCHOOL OF COMMUNICATIONS

### Early Access to the MA or MS Programs

With approval from the Dean of Communications and the Provost, students may take up to nine semester credit hours of graduate level Communications courses during their senior year. These credit hours will count toward the MA degree in communication but not toward the bachelor's degree. A student must be enrolled in at least 12 semester credit hours of undergraduate classes each semester that he or she is taking MA credits under this option.

### Advertising and PR: Corporate Communications

The vast majority of media industries are fueled by advertising, a business which has as its goal the persuasion of potential clients to purchase products or services. This program teaches the principles and techniques of advertising.

#### ADVERTISING, PUBLIC RELATIONS: CORPORATE COMMUNICATIONS BA

*63 credit hours*

##### Requirements

The Bachelor of Arts in Advertising, Public Relations: Corporate Communications requires students to complete the following courses:

PSY 10000	Principles of Psychology
COM 11000	Fundamentals of Oral Communication
COM 13000	Survey of the Professional Media
COM 15100	Radio Production
COM 15400	Video Production
COM 20200	Design with Photoshop
COM 23300	Fundamentals of the Internet
COM 24200	Basic Reporting
COM 30200	Seminar in Professional Practice and Ethics
COM 30500	Desktop Publishing
COM 30700	Writing for the Electronic Media
COM 32700	Media Literacy
COM 32800	Fundamentals of Public Relations
COM 33500	Buying and Selling Media
COM 36000	Media Management
COM 36300	Creative Advertising Concepts
COM 40100	Mass Communications Law
COM 42700	Advertising Campaign Management
COM 44200	Promotional & Public Relations Copy Writing
COM 46000	Mass Communications Theory

#### Activity/Experiential Course

An additional three credit hours are also required in activity/experiential coursework and must be selected from one of the applied courses:

COM 45000      Communications Internship

#### ADVERTISING MINOR

##### Requirements

*24 credit hours*

A minor in advertising requires the following courses:

COM 13000	Survey of the Professional Media
COM 15400	Video Production
COM 20200	Design with Photoshop
COM 23300	Fundamentals of the Internet
COM 33500	Buying and Selling Media
COM 36300	Creative Advertising Concepts
COM 42700	Advertising Campaign Management
COM 44200	Promotional & Public Relations Copy Writing

### Digital Cinema Arts

Digital cinema arts trains students in the art of communicating with moving pictures and sound. Courses cover technical and creative storytelling skills in the areas of writing, production, editing, and other related parts of the moviemaking process. Students receive a strong base of knowledge applicable to crafting stories in cinema, television, new media, and other means of creative communication.

#### DIGITAL CINEMA ARTS BA

*51 credit hours*

##### Requirements

The Bachelor of Arts in Digital Cinema Arts requires students to complete the following courses:

PSY 10000	Principles of Psychology
COM 11000	Fundamentals of Oral Communication
COM 14000	Introduction to Cinema Arts
COM 15400	Video Production
COM 20200	Design with Photoshop
COM 25600	Production for Television
COM 30700	Writing for the Electronic Media
COM 32700	Media Literacy
COM 35400	Advanced Video
COM 35700	Intermediate Non-linear Video Editing

COM 37000 History of Film  
COM 45101 Cinema Capstone I

Plus three credit hours from the following options:

COM 30101 Applied Mass Communication-Radio  
COM 30102 Applied Mass Communication-Video  
COM 30103 Applied Mass Communication-Public Relations  
COM 30104 Applied Mass Communication-Sports Information  
COM 30105 Applied Interactive Media and Web Design  
COM 45000 Communications Internship

Students must also select twelve credit hours from the following options:

COM 33600 3D Graphics  
COM 34000 Television Sports Production I  
COM 34300 Television News Production  
COM 34600 Television Fine Arts Production I  
COM 37100-37199 Practicum in Production  
COM 37200-37299 Practicum in Post-Production  
COM 37300-37399 Practicum in Producing  
COM 37400-37499 Practicum in Scriptwriting  
COM 37500-37599 Topics in Media Studies  
COM 37600 Asian Cinema  
ART 32200 Motion Graphics

### DIGITAL CINEMA ARTS BFA

*63 credit hours*

#### Requirements

The Bachelor of Fine Arts in Digital Cinema requires students to complete the following courses:

PSY 10000 Principles of Psychology  
COM 11000 Fundamentals of Oral Communication  
COM 14000 Introduction to Cinema Arts  
COM 15400 Video Production  
COM 20200 Design with Photoshop  
COM 25600 Production for Television  
COM 30700 Writing for the Electronic Media  
COM 32700 Media Literacy  
COM 35400 Advanced Video  
COM 35700 Intermediate Non-linear Video Editing  
COM 37000 History of Film  
COM 45101 Cinema Capstone I  
COM 45102 Cinema Capstone II

Plus six credit hours from the following options:

COM 30101 Applied Mass Communication-Radio  
COM 30102 Applied Mass Communication-Video  
COM 30103 Applied Mass Communication-Public Relations  
COM 30104 Applied Mass Communication-Sports Information  
COM 30105 Applied Interactive Media and Web Design  
COM 45000 Communications Internship

Students must also select 18 credit hours from the following options:

COM 33600 3D Graphics  
COM 34000 Television Sports Production I  
COM 34300 Television News Production  
COM 34600 Television Fine Arts Production I  
COM 37100-37199 Practicum in Production  
COM 37200-37299 Practicum in Post-Production  
COM 37300-37399 Practicum in Producing  
COM 37400-37499 Practicum in Scriptwriting  
COM 37500-37599 Topics in Media Studies  
COM 37600 Asian Cinema  
ART 32200 Motion Graphics

### DIGITAL CINEMA ARTS MINOR

*21 credit hours*

#### Requirements

A minor in digital cinema arts requires the following courses:

COM 14000 Introduction to Cinema Arts  
COM 15400 Video Production  
COM 37000 History of Film

Plus six hours of communications electives, selected from the following options:

COM 25600 Production for Television  
COM 30700 Writing for the Electronic Media  
COM 35400 Advanced Video  
COM 35700 Intermediate Non-linear Video Editing

Students must also complete six credit hours from the following options:

COM 33600 3D Graphics  
COM 37100-37199 Practicum in Production

COM 37200-37299	Practicum in Post-Production
COM 37300-37399	Practicum in Producing
COM 37400-37499	Practicum in Scriptwriting
COM 37500-37599	Topics in Media Studies
COM 37600	Asian Cinema
ART 32200	Motion Graphics

## Journalism

The journalism program focuses on how to gather, write, edit, and present news to a mass audience using written and electronic means.

### JOURNALISM BA

*66 credit hours*

#### Requirements

The Bachelor of Arts in Journalism requires the completion of the following courses:

PSY 10000	Principles of Psychology
COM 11000	Fundamentals of Oral Communication
COM 13500	Introduction to Journalism
COM 15400	Video Production
COM 18800	The Digital Newsroom
COM 23300	Fundamentals of the Internet
COM 24200	Basic Reporting
COM 28100	Feature Writing
COM 28200	Editing
COM 30000	Online Journalism
COM 30111	Applied Television News
COM 30400	Broadcast Newswriting
COM 30600	Advanced Reporting
COM 30800	Applied Journalism, Newspaper
COM 30900	Applied Journalism, Internet
COM 31200	Newspaper Design
COM 32500	Photojournalism
COM 34300	Television News Production
COM 38300	Television News Reporting
COM 40100	Mass Communications Law
COM 40600	Investigative Reporting
COM 46500	Journalism Capstone and Ethics

### JOURNALISM MINOR

*27 credit hours*

#### Requirements

A minor in journalism requires the following courses:

COM 13500	Introduction to Journalism
COM 18800	The Digital Newsroom

COM 24200	Basic Reporting
COM 30000	Online Journalism
COM 30600	Advanced Reporting
COM 40100	Mass Communications Law

Students must also select nine credit hours from the following options:

COM 28100	Feature Writing
COM 28200	Editing
COM 30400	Broadcast Newswriting
COM 31200	Newspaper Design
COM 32500	Photojournalism
COM 38300	Television News Reporting
COM 40600	Investigative Reporting

## Interactive Media and Web Design

The interactive media and web design program provides the education necessary for an exciting career in web design and/or interactive media. Students are provided countless opportunities to learn and work with the latest technologies in this continually evolving discipline. LU's IMWD program provides a way for each student to combine and hone their artistic abilities with the complex technological skills necessary for success in the industry. Skills necessary to work with audio, video, graphics, typography, animation, and web pages are all tightly integrated into the curriculum; and graduates will be prepared for an entry-level career in the field of multimedia and/or web design. All students majoring in IMWD must complete a portfolio. Faculty advisors will review the specific requirements with students well in advance of their senior year.

### INTERACTIVE MEDIA & WEB DESIGN BA

*66 credit hours*

#### Requirements

The Bachelor of Arts in Interactive Media and Web Design requires students to complete the following courses:

CSC 10022	Introduction to Computer Science or
COM 13600	Programming Logic
PSY 10000	Principles of Psychology
COM 11000	Fundamentals of Oral Communication
COM 12300	Media Design Foundations
COM 15400	Video Production
COM 20200	Design with Photoshop
COM 23300	Fundamentals of the Internet
COM 30500	Desktop Publishing
COM 33400	Web Design
COM 33700	Design with Illustrator
COM 33800	Portfolio and Career Foundations
COM 40100	Mass Communications Law

COM 48400 Capstone Interactive Media and Web Design

*Activity/Experiential Course*

Three credit hours are also required in activity/experiential coursework and must be selected from one of the applied areas of either:

COM 30105 Applied Interactive Media and Web Design

COM 45000 Communications Internship

6 credit hours must be taken from the following courses:

COM 42400 Applications for Mobile Devices

COM 44300 Interactive Web Development

COM 44401 Advanced Interactive Scripting

COM 30201-30299 Focus in Interactive

COM 30801-30899 Focus in Web

COM 40200-40299 Focus in Web

COM 40601-40699 Focus in Interactive

An additional 18 credit hours may be selected from the following courses:

ART 18101 Digital Photography I

ART 25000 Typography

ART 31000 Print Design and Production

ART 32200 Motion Graphics

COM 13600 Programming Logic

COM 15100 Radio Production

COM 22222 Introduction to 3D Printing

COM 23600 Digital Painting

COM 30200 Seminar in Professional Practice and Ethics

COM 30700 Writing for the Electronic Media

COM 31600 Visual Web Design

COM 32500 Photojournalism

COM 32700 Media Literacy

COM 33310 3D Printing

COM 33600 3D Graphics

COM 35200 Advanced Audio Production

COM 35400 Advanced Video

COM 35700 Intermediate Non-linear Video Editing

COM 42400 Applications for Mobile Devices

COM 44300 Interactive Web Development

COM 44401 Advanced Interactive Scripting

COM 44420 Interactive Media and Web Design Firm

COM 44444 Interactive Media and Web Design Firm II

COM 10400-10499 Focus in Web

COM 10600- Focus in Interactive

10699

COM 10700-10799 Focus in Design

COM 20300-20399 Focus in Interactive

COM 20400-20499 Focus in Web

COM 20500-20599 Focus in Design

COM 30001-30099 Focus in Design

COM 30201-30299 Focus in Interactive

COM 30801-30899 Focus in Web

COM 40200-40299 Focus in Web

COM 40601-40699 Focus in Interactive

COM 40700-40799 Focus in Design

## INTERACTIVE MEDIA AND WEB DESIGN MINOR

*24 credit hours*

### Requirements

A minor in interactive media and web design requires the following courses:

CSC 10022 Introduction to Computer Science: Javascript

COM 12300 Media Design Foundations

COM 20200 Design with Photoshop

COM 23300 Fundamentals of the Internet

COM 33400 Web Design

COM 33700 Design with Illustrator

COM 44300 Interactive Web Development

COM 44401 Advanced Interactive Scripting

## Mass Communications

Mass communications is the study of information sharing through mass media.

### MASS COMMUNICATIONS BA

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*Credit hours vary by emphasis area*

#### Requirements

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The Bachelor of Arts in Mass Communications requires completion of the following core courses for all of the areas of emphases:

*36 credit hours*

PSY 10000	Principles of Psychology
COM 11000	Fundamentals of Oral Communication
COM 13000	Survey of the Professional Media
COM 15100	Radio Production
COM 15400	Video Production
COM 23300	Fundamentals of the Internet
COM 24200	Basic Reporting
COM 30200	Seminar in Professional Practice & Ethics
COM 30700	Writing for the Electronic Media
COM 32700	Media Literacy
COM 40100	Mass Communications Law
COM 46000	Mass Communications Theory

#### Mass Communications Broadcast Emphasis

*72 credit hours*

COM 25600	Production for Television
COM 30101	Applied Mass Communication-Radio
COM 30102	Applied Mass Communication-Video
COM 30400	Broadcast Newswriting
COM 30111	Applied Television News
COM 34300	Television News Production
COM 35200	Advanced Audio Production
COM 35400	Advanced Video
COM 35700	Intermediate Non-linear Video Editing
COM 36000	Media Management
COM 38300	Television News Reporting

#### Activity/Experiential Course

An additional three credit hours are also required in activity/experiential coursework and must be selected from one of the applied areas of communications:

COM 30101	Applied Mass Communication-Radio
COM 30102	Applied Mass Communication-Video
COM 30103	Applied Mass Communication-Public Relations
COM 30104	Applied Mass Communication-Sports Information
COM 45000	Communications Internship

#### Mass Communications Media Management and Sales Emphasis

*54 credit hours*

COM 30300	Written Communication for Business
COM 33500	Buying and Selling Media
COM 36000	Media Management
MRKT 35010	Principles of Marketing
MGMT 26032	Principles of Management

#### Activity/Experiential Course

An additional six credit hours are also required in activity/experiential coursework and must be selected from one of the applied areas of communications:

COM 30101	Applied Mass Communication-Radio
COM 30102	Applied Mass Communication-Video
COM 30103	Applied Mass Communication-Public Relations
COM 30104	Applied Mass Communication-Sports Information
COM 45000	Communications Internship

#### Mass Communications Sports Information Emphasis

*60 credit hours*

COM 20200	Design with Photoshop
COM 30500	Desktop Publishing
COM 32800	Fundamentals of Public Relations
COM 33500	Buying and Selling Media
SPMGT 27020	Orientation to Sport Management
SPMGT 47080	Sport Management Policy

#### Activity/Experiential Course

An additional six credit hours are also required in activity/experiential coursework and must be selected from one of the applied areas of communications:

COM 30101	Applied Mass Communication-Radio
COM 30102	Applied Mass Communication-Video
COM 30103	Applied Mass Communication-Public Relations
COM 30104	Applied Mass Communication-Sports Information
COM 45000	Communications Internship

### COMMUNICATIONS MINOR

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*27 credit hours*

#### Requirements

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A communications minor requires the following courses:

COM 13000	Survey of the Professional Media
COM 15400	Video Production
COM 23300	Fundamentals of the Internet
COM 24200	Basic Reporting
COM 30300	Written Communication for Business
COM 32700	Media Literacy



Students must also complete nine credit hours of communications electives, selected from among the following options:

COM 15100	Radio Production
COM 25600	Production for Television
COM 30200	Seminar in Professional Practice & Ethics
COM 30700	Writing for the Electronic Media
COM 32800	Fundamentals of Public Relations
COM 33500	Buying and Selling Media
COM 35200	Advanced Audio Production
COM 36000	Media Management
COM 40100	Mass Communications Law

## MEDIA LITERACY MINOR

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*24 credit hours*

### Requirements

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#### *Media Literacy Electives*

Twelve credit hours from the following options:

COM 13000	Survey of the Professional Media
COM 14000	Introduction to Cinema Arts
COM 18800	The Digital Newsroom
COM 23300	Fundamentals of the Internet
COM 30200	Seminar in Professional Practice & Ethics
COM 30700	Writing for the Electronic Media
COM 32500	Photojournalism
COM 32700	Media Literacy
COM 37000	History of Film

*Communications students may not duplicate courses in their majors.*

#### *Topics in Media Studies*

Six credit hours from the following options:

COM 27700- 27799	Media Literacy Topics
COM 37600	Asian Cinema
COM 37700- 37799	Advanced Media Literacy Topics

#### *General Electives*

Six credit hours from the following options:

ANT 11200	Cultural Anthropology
ANT 31700	Social and Cultural Change
ANT 31800	Race, Ethnicity, and Gender: A Global Perspective
HIS 20000	History of the Contemporary World
HIS 23300	Public History
PHL 10200	Moral Life: A Study in Ethics
PHL 30500	Political Philosophy
PS 34500	Campaigns & Elections
SOC 22200	Social Problems
SOC 32400	Social Interaction in Everyday Life

## SCHOOL OF EDUCATION

The Lindenwood University School of Education is divided into three departments:

Department of Counseling \*

Department of Educational Leadership\*

Department of Teacher Education

*Note: Those departments marked with an asterisk offer graduate programs only. Students wishing to enter into one of the School of Education graduate programs should consult the Lindenwood University Graduate Catalog.*

### Teacher Education Department

The Lindenwood University Educator Preparation Program (EPP) is accredited by the Commission on Institutions of Higher Education of the North Central Association of Colleges and Schools and the Missouri Department of Elementary and Secondary Education (DESE <http://dese.mo.gov/>). The School of Education is also a member of the Teacher Education Accreditation Council (TEAC [www.teac.org](http://www.teac.org)) and was reviewed for national accreditation by the Council for the Accreditation of Educator Preparation (CAEP [www.caepnet.org](http://www.caepnet.org)).

Students who enroll in the School of Education may select one of two pathways to completion of the program:

- Successful completion of the Lindenwood University teacher education program qualifies the student for recommendation for teaching certification, issued by the Missouri Department of Elementary and Secondary Education (MoDESE).
- Those students who desire to work in an educational field but do not desire teaching certification may pursue a degree in Educational Studies.

### Application

A student who seeks entrance into the teacher education program typically does so after successful completion of 12 hours of education coursework. Many students apply during EDU 21501 Teacher Education Seminar I.

Applications are available on the School of Education website.

### Admission

Acceptance into the teacher education program is divided into two stages and is the result of action by the Council of Teacher Education (CTE). The council, broadly representative of all schools at the University, considers the student's application to the teacher education program to be in Stage One after the student has completed the six steps outlined below.

### Stage One

1. The student has been accepted to Lindenwood University.
2. The student has completed a majority of general education requirements, at least 12 hours but not more than 15 hours of coursework from the School of Education.
3. The teacher candidate has achieved a cumulative minimum GPA of 2.75, a content area coursework GPA of 3.0, and a professional education coursework GPA of 3.0, with a minimum grade of C in all professional education courses. The student has demonstrated evidence of competency in communications by passing ENGL 15000, ENGL 17000, and general education oral communications classes with a grade of C or better. Additionally the Lindenwood University Writing Proficiency Assessment or ENGL 21000 must be passed.
4. The student has passed the criminal background clearance(s) required by Lindenwood University and the school district(s) in which the teacher candidate is seeking placement.
5. The student has taken the Missouri Educator Profile (MEP) and developed a professional goal plan with their advisor.
6. The student has attained the qualifying cut scores on one of the following Missouri Department of Elementary and Secondary required assessments:
  - a. The student has attained a qualifying score of 235 on all subsections of and composite of the College Basic Academic Subjects Examination (CBASE), administered by the Department of Elementary and Secondary Education. This test will only be accepted by MoDESE by program completers until December 2016. Students must have completed the program, including student teaching by December 2016; OR
  - b. The student has attained a qualifying score of 186 on the English subtest, 167 on the Writing subtest, and 183 on the Math, Science, and Social Studies subtests of the Missouri General Education Assessment (MoGEA). \*These qualifying cut scores are currently determined by individual educator preparation programs but are subject to future changes statewide by the MoDESE.

## Stage Two

Stage Two acceptance, required for admittance into student teaching, consists of the following additional requirements:

The teacher candidate has obtained a passing score on the PRAXIS II, or the Missouri Content Assessment (MoCA).

1. The Missouri Content Assessment (MoCA) are tests required for all student teacher candidates. The test should be taken after most of the content courses for the desired program have been successfully completed and prior to student teaching. Candidates must also pass the appropriate Missouri Content Assessment in order to be recommended for certification. The MoCA exams replace the Praxis II exams. Students who passed the Praxis II exam in their content area before August 31, 2014 will have until December 31, 2016 to complete the program, including student teaching in order to use the PRAXIS II for certification. After that date, the Praxis II exam scores will expire.

DESE will not accept the PRAXIS II score if taken after August 31, 2014.

The correct MoCA exam is posted on the Missouri Educator Gateway Assessment (MEGA) website ([www.mo.nesinc.com](http://www.mo.nesinc.com)). If you are unsure of which test to take after reviewing the list, contact the Teacher Certification Office at 636-949-4844 for more assistance.

A passing score on the MoCA exam demonstrates that the teacher candidate has mastered the subject area that he/she will teach.

2. Candidates are also required to complete the Missouri Performance Teacher Assessment (MoPTA) which employs a range of strategies and builds on each candidate's strengths, needs, and prior experiences. The MoPTA consists of four assessment tasks. The tasks will demonstrate performance in content coursework and clinical experience. All of the tasks will require a written commentary and submission of artifacts. A video submission will be required for Task Four. The task categories include:

Task 1: Knowledge of Students and the Learning Environment

Task 2: Assessment and Data Collection to Measure and Inform Student Learning

Task 3: Designing Instruction for Student Learning

Task 4: Implementing and Analyzing Instruction to Promote Student Learning

*Note: As the Missouri Department of Elementary and Secondary Education (MoDESE) continues to develop the assessments to be used in Missouri's teacher preparation programs, one component of the MoPTA will be videotaping of the candidate's lessons for assessment and*

*evaluation by faculty at Lindenwood University and other institutions across the state. This newly required assessment began in Fall 2014 for all teacher candidates. As part of these new procedures, Lindenwood has a Memorandum of Understanding with most school districts. However, candidates should confirm with their cooperating teacher and principal what the district's policy is for securing permission to videotape in the classroom. Policies may include the use of permission slips for students in the classroom. More information will be made available from the Office of Field and Clinical Experiences, as this component is still being developed by DESE.*

3. The teacher candidate must earn a minimum cumulative GPA of 2.75, a minimum content area course GPA of 3.0, and a minimum professional education coursework GPA of 3.0, with a minimum grade of C in all professional education coursework.
4. The teacher candidate must successfully complete the student teaching course, EDU 41000, including all seminar sessions and portfolio requirements.
5. The teacher candidate must complete an Impact to Student Learning project/portfolio approved by the School of Education before a grade for student teaching is recorded. This portfolio must be completed according to the standards outlined by the Missouri Department of Elementary and Secondary Education (MoDESE) Missouri Standards for the Preparation of Educators (MoSPE), as specifically outlined in the 9 beginning standards for teacher educators. Additionally, students must successfully demonstrate competency in Lindenwood University School of Education Student Learning Outcomes (SLOs).

## Certification

Each state issues its own teaching certificates based on its own requirements. Upon passing the state-mandated exit assessment and successfully completing the planned degree program, each Lindenwood University School of Education student applies for certification to teach in Missouri. The student who wishes to pursue certification in other states should seek advice from the Department of Education within the state he or she is seeking certification. A list of those contacts is located on the School of Education webpages.

International students or students who have completed high school outside of the United States are also required to complete coursework in the following areas:

- English composition, two courses, each a minimum of three credit hours
- U.S. history, three credit hours
- U.S. (National) government, three credit hours.

*Note: Students in the teacher education program who have taken the suggested coursework before taking the required assessments and do not pass the assessments can seek assistance from the LU Counseling Center for guidance in test-taking. The Student Counseling Resource Center will advise the Dean for the School of Education of student eligibility to repeat up to 18 additional hours of tuition-free courses in order to further prepare the student for the required assessments. These additional hours do not apply to student teaching. In order to be considered for this support students must have followed all proper procedures throughout the program.*

## Degrees and Programs Offered

The Department of Teacher Education offers the following undergraduate degrees:

### Degrees and Programs Leading to Certification

#### Early Childhood Education (Birth-Grade 3)

- Bachelor of Arts in Early Childhood Education
- Bachelor of Arts in Early Childhood Special Education

#### Elementary Education (Grades 1-6)

- Bachelor of Arts in Elementary Education

#### Middle School Education (Grades 5-9)

- Bachelor of Arts in Middle School Education with business emphasis
- Bachelor of Arts in Middle School Education with English language arts emphasis
- Bachelor of Arts in Middle School Education with technology and engineering emphasis
- Bachelor of Arts in Middle School Education with mathematics emphasis
- Bachelor of Arts in Middle School Education with science emphasis
- Bachelor of Arts in Middle School Education with social science emphasis
- Bachelor of Arts in Middle School Education with speech and theatre emphasis

#### Secondary Education (Grades 9-12)

Students seeking certification at the secondary (9-12) level must complete the requirements for a degree in the desired content instructional area, along with the requirements for a minor in secondary education (9-12).

#### K-12 Education

Students seeking K-12 certification must complete the requirements for a degree in the desired content area, along with the requirements for a minor in education (K-12).

*Notes: (1) Each of the degrees above leads to certification upon the student's successful completion of the requirements for*

*certification, submitted to the Missouri Department of Elementary and Secondary Education (MoDESE).*

*(2) The technology and engineering degree is offered at Lindenwood University in conjunction with an agreement at Saint Louis Community College-Florissant Valley. For information concerning this program, consult an advisor in the Department of Undergraduate Teacher Education.*

### Minors Leading to Certification

- Minor in education (K-12)
- Minor in secondary education (9-12)
- Minor in special education\* (K-12)

*\*A minor in special education can be attained only through completion of the special education cross-categorical add-on. For more information, see the Special Education section of this catalog.*

### Degrees and Minors Not Leading to Certification

- Bachelor of Arts in Educational Studies
- Minor in education (non-certification) *\*Degree course requirements may require successful completion of appropriate prerequisites.*

## Early Childhood (Birth-Grade 3)

### EARLY CHILDHOOD EDUCATION BA (BIRTH – GRADE 3)

*74-76 credit hours in Early Childhood Education*

*26-27 credit hours of additional coursework*

#### Requirements

Students seeking a Bachelor of Arts in Early Childhood Education must complete the following courses:

EDU 10000	Orientation to Educational Experiences
EDU 11100	School Observation
EDU 20200	Psychology of Teaching and Learning
EDU 21501	Teacher Education Seminar I
EDU 24600	Children's Literature
EDU 30500	Elementary Reading Methods
EDU 30600	Elementary/Middle School Language Arts Methods
EDU 30900	Analysis & Correction of Reading Disabilities
EDU 30999	Practicum: Analysis and Correction of Reading Disabilities
EDU 31200	Elementary/Middle School Mathematics Methods
EDU 31400	Utilizing Family and Community Resources
EDU 31600	Language Acquisition and Development for Young Children
EDU 31700	Introduction to Early Childhood/Special Education

EDU 32200	Elementary Classroom Teaching & Technology
EDU 32500	Perceptual Motor Development
EDU 32700	Early Childhood Cognitive Curriculum Concepts
EDU 32900	Creative Curriculum Materials for Early Childhood/ Early Childhood Special Education Programs
EDU 34100	Education of the Exceptional Child
EDU 34400	Elementary School Differentiation and Classroom Management
EDU 34500	Childhood Health, Nutrition & Safety
EDU 35100	Early Childhood Screening, Diagnosing and Prescribing Instruction
EDU 38000	Pre-Student Teaching Practicum
EDU 40400	Advanced Measurement and Evaluation to Enhance Learning
EDU 41000	Student Teaching

The following required courses will also fulfill General Education requirements

BSC 10000	Concepts in Biology
MTH 14800	Mathematical Structures for Teachers I or
MTH 15100	College Algebra
MTH 14900	Mathematical Structures for Teachers II

Select one of the following physical or earth sciences with lab:

CHM 10000	Concepts in Chemistry
ESC 10000	Physical Geology with Lab
ESC 11000	Introductory Meteorology and
ESC 11100	Meteorology Lab
ESC 13200	Introductory Astronomy with Lab
PHY 11100	Concepts of Physics and
PHY 11200	Concepts of Physics Laboratory

Select one of the following geography courses:

GEO 20100	World Regional Geography
GEO 20200	Concepts of Geography

Select one of the following US government courses:

HIS 15500	U.S. Government: Politics and History
PS 15500	American Government: The Nation

Select one of the following economics courses to fulfill a social science requirement:

ECON 23010	Survey of Economics
ECON 23020	Principles of Microeconomics
ECON 23030	Principles of Macroeconomics

Select one of the following fine or performing art courses:

ARTH 11000	Concepts in the Visual Arts
ARTH 22200	History of Western Art to 1300
ARTH 22400	History of Western Art from 1300

DAN 37100	Dance in the 21st Century
MUS 15000	Music in America
MUS 35500	History of Western Music I
TA 11700	Introduction to the Theatrical Arts
TA 37000	History of Theatre

## EARLY CHILDHOOD SPECIAL EDUCATION BA (BIRTH – GRADE 3)

*74-76 credit hours in Early Childhood Education*

*15 credits hours Special Education*

*26-27 credit hours of additional coursework*

### Requirements

Students seeking a Bachelor of Arts in Early Childhood Special Education must complete the following courses:

EDU 10000	Orientation to Educational Experiences
EDU 11100	School Observation
EDU 20200	Psychology of Teaching and Learning
EDU 21501	Teacher Education Seminar I
EDU 24600	Children's Literature
EDU 30500	Elementary Reading Methods
EDU 30600	Elementary/Middle School Language Arts Methods
EDU 30900	Analysis & Correction of Reading Disabilities
EDU 30999	Practicum: Analysis and Correction of Reading Disabilities
EDU 31200	Elementary/Middle School Mathematics Methods
EDU 31400	Utilizing Family and Community Resources
EDU 31600	Language Acquisition and Development for Young Children
EDU 31700	Introduction to Early Childhood/Special Education
EDU 32200	Elementary Classroom Teaching & Technology
EDU 32500	Perceptual Motor Development
EDU 32700	Early Childhood Cognitive Curriculum Concepts
EDU 32900	Creative Curriculum Materials for Early Childhood/ Early Childhood Special Education Programs
EDU 34100	Education of the Exceptional Child
EDU 34400	Elementary School Differentiation and Classroom Management
EDU 34500	Childhood Health, Nutrition & Safety
EDU 35100	Early Childhood Screening, Diagnosing and Prescribing Instruction
EDU 38000	Pre-Student Teaching Practicum
EDU 40400	Advanced Measurement and Evaluation to Enhance Learning
EDU 41000	Student Teaching

**Special Education**

EDS 30200	Behavior Management
EDS 33300	Speech and Language Development for the Exceptional Learner
EDS 33700	Special Education Counseling
EDS 35700	Remediation in Elementary Math
EDU 32400	Assessment of Intellectual Skills

The following required courses will also fulfill General Education requirements

BSC 10000	Concepts in Biology
MTH 14800	Mathematical Structures for Teachers I or
MTH 15100	College Algebra
MTH 14900	Mathematical Structures for Teachers II

Select one of the following physical or earth sciences with lab:

CHM 10000	Concepts in Chemistry
ESC 10000	Physical Geology with Lab
ESC 11000	Introductory Meteorology and
ESC 11100	Meteorology Lab
ESC 13200	Introductory Astronomy with Lab
PHY 11100	Concepts of Physics and
PHY 11200	Concepts of Physics Laboratory

Select one of the following geography courses:

GEO 20100	World Regional Geography
GEO 20200	Concepts of Geography

Select one of the following US government courses:

HIS 15500	U.S. Government: Politics and History
PS 15500	American Government: The Nation

Select one of the following economics courses to fulfill a social science requirement:

ECON 23010	Survey of Economics
ECON 23020	Principles of Microeconomics
ECON 23030	Principles of Macroeconomics

Select one of the following fine or performing art courses:

ARTH 11000	Concepts in the Visual Arts
ARTH 22200	History of Western Art to 1300
ARTH 22400	History of Western Art from 1300
DAN 37100	Dance in the 21st Century
MUS 15000	Music in America
MUS 35500	History of Western Music I
TA 11700	Introduction to the Theatrical Arts
TA 37000	History of Theatre

**Elementary Education (Grades 1-6)****ELEMENTARY EDUCATION BA (GRADES 1-6)**

*65-67 credit hours in Elementary Education*

*21 credit hours in content area*

*26-27 credit hours of additional coursework*

**Requirements**

Students seeking the Bachelor of Arts in Elementary Education must complete a minimum of 128 hours including completing the following courses:

EDU 10000	Orientation to Educational Experiences
EDU 11100	School Observation
EDU 20200	Psychology of Teaching and Learning
EDU 21501	Teacher Education Seminar I
EDU 24600	Children's Literature
EDU 27600	Methods of Integrating Art, Music, and Movement in Elementary Education
EDU 30500	Elementary Reading Methods
EDU 30600	Elementary/Middle School Language Arts Methods
EDU 30900	Analysis & Correction of Reading Disabilities
EDU 30999	Practicum: Analysis and Correction of Reading Disabilities
EDU 31200	Elementary/Middle School Mathematics Methods
EDU 31300	Elementary/Middle School Social Studies Methods
EDU 31900	Elementary/Middle School Science Methods
EDU 32200	Elementary Classroom Teaching & Technology
EDU 34100	Education of the Exceptional Child
EDU 34400	Elementary School Differentiation and Classroom Management
EDU 34500	Childhood Health, Nutrition & Safety
EDU 38000	Pre-Student Teaching Practicum
EDU 40400	Advanced Measurement and Evaluation to Enhance Learning
EDU 41000	Student Teaching
ESOL 44000	TESOL Methods

The following required courses will also fulfill General Education requirements:

BSC 10000	Concepts in Biology
MTH 14800	Mathematical Structures for Teachers I or
MTH 15100	College Algebra
MTH 14900	Mathematical Structures for Teachers II

Select one of the following physical or earth sciences with lab:

CHM 10000	Concepts in Chemistry
ESC 10000	Physical Geology with Lab
ESC 11000	Introductory Meteorology and Meteorology Lab
ESC 11100	Meteorology Lab
ESC 13200	Introductory Astronomy with Lab
PHY 11100	Concepts of Physics and Concepts of Physics Laboratory
PHY 11200	Concepts of Physics Laboratory

Select one of the following geography courses:

GEO 20100	World Regional Geography
GEO 20200	Concepts of Geography

Select one of the following economics courses to fulfill a social science requirement:

ECON 23010	Survey of Economics
ECON 23020	Principles of Microeconomics
ECON 23030	Principles of Macroeconomics

Select one of the following US government courses:

HIS 15500	U.S. Government: Politics and History
PS 15500	American Government: The Nation

Select one of the following fine or performing art courses:

ARTH 11000	Concepts in the Visual Arts
ARTH 22200	History of Western Art to 1300
ARTH 22400	History of Western Art from 1300
DAN 37100	Dance in the 21st Century
MUS 15000	Music in America
MUS 35500	History of Western Music I
TA 11700	Introduction to the Theatrical Arts
TA 37000	History of Theatre

Additionally, students must have 21 credit hours in one content emphasis area, selected from the following areas: social science (history, economics, political science, sociology, anthropology, psychology, geography), science, English, mathematics, or other content area taken from general education coursework.

### **Middle School Education Grades (5-9)**

## **MIDDLE SCHOOL EDUCATION BA (GRADES 5-9)**

*48-50 credit hours in Middle School Education*

*3-6 credit hours in methods of teaching*

### **Requirements**

Students seeking the Bachelor of Arts in Middle School Education must complete a minimum of 128 hours including the following core education courses:

EDU 10000	Orientation to Educational Experiences
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EDU 11100	School Observation
EDU 21501	Teacher Education Seminar I
EDU 20200	Psychology of Teaching and Learning
EDU 30700	Teaching Reading in the Content Areas
EDU 32100	Middle/High School Classroom Teaching and Technology
EDU 34100	Education of the Exceptional Child
EDU 34300	Middle/High School Differentiation and Classroom Management
EDU 38000	Pre-Student Teaching Practicum
EDU 38500	Middle School Philosophy/Organization
EDU 38600	Middle School Curriculum/Instruction
EDU 38700	Reading/Writing Across Curriculum
EDU 38800	Middle School Psychology
EDU 40400	Advanced Measurement and Evaluation to Enhance Learning
EDU 41000	Student Teaching

In addition to the courses listed above, the student will complete at least one methods of teaching course in the area of emphasis the student has selected. The methods courses are listed among the required courses for each emphasis area below.

*Note: All students seeking certification in middle school education are required to select an emphasis area, and it is recommended that they select more than one.*

### **Middle School Education Emphasis Areas**

The Department of Teacher Education offers the following emphasis areas for students seeking certification in middle school education:

Business  
English Language Arts  
Mathematics  
Science  
Social Science  
Speech/Theatre  
Technology and Engineering

## **MIDDLE SCHOOL EDUCATION BA**

### **BUSINESS EMPHASIS**

*54-56 credit hours in Middle School Education*

*33 credit hours in Business Emphasis*

### **Requirements**

In addition to taking the core middle school education courses, students seeking a Bachelor of Arts in Middle School Education with certification in business must complete the following courses:

#### **Business Emphasis**

ACCT 21010	Principles of Financial Accounting
COM 30300	Written Communication for Business

ECON 23010	Survey of Economics or
ECON 23020	Principles of Microeconomics or
ECON 23030	Principles of Macroeconomics
FIN 32000	Principles of Finance
MIS 14000	Microcomputer Applications
MGMT 26032	Principles of Management
MGMT 26061	Business Law I
MRKT 35010	Principles of Marketing
MTH 14100	Basic Statistics

Verification of 2000 work hours in a business related field is required. Also required is a keyboard course or a passing score on a keyboarding proficiency exam.

#### *Methods of Teaching*

EDU 33600	Secondary Methods of Teaching Business Education
EDU 37300	Implementing Vocational Business Education Programs

### MIDDLE SCHOOL EDUCATION BA

#### ENGLISH LANGUAGE ARTS EMPHASIS

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*54-56 credit hours in Middle School Education*

*18 credit hours in English/Language Arts Emphasis*

#### **Requirements**

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In addition to taking the core middle school education courses, students seeking a Bachelor of Arts in Middle School Education (grades 5-9) with certification in English/language arts must complete the following courses:

#### *English/Language Arts Emphasis*

ENGL 20100	World Literature I
ENGL 20200	World Literature II
ENGL 23500	American Literature I
ENGL 23600	American Literature II
ENGL 37200	Modern Grammar

#### *Methods of Teaching*

EDU 24700	Adolescent Literature
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One of the following:

EDU 33400	Secondary Methods of Teaching English
EDU 30600	Elementary/Middle School Language Arts Methods

### MIDDLE SCHOOL EDUCATION BA

#### MATHEMATICS EMPHASIS

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*51-53 credit hours in Middle School Education*

*23 credit hours in Mathematics Emphasis*

#### **Requirements**

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In addition to taking the core middle school education courses, students seeking a Bachelor of Arts in Middle School Education (grades 5-9) with certification in mathematics must complete the following courses:

#### *Mathematics Emphasis*

MGMT 26014	Excel for Professionals
MTH 14100	Basic Statistics
MTH 14800	Mathematical Structures for Teachers I
MTH 14900	Mathematical Structures for Teachers II
MTH 15100	College Algebra
MTH 15200	Pre-calculus: Elementary Functions
MTH 17300	Survey of Calculus

#### *Methods of Teaching*

One of the following:

EDU 31200	Elementary/Middle School Mathematics Methods
EDU 33100	Secondary Methods of Teaching Mathematics

### MIDDLE SCHOOL EDUCATION BA

#### SCIENCE EMPHASIS

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*51-53 credit hours in Middle School Education*

*30 credit hours in Science Emphasis*

#### **Requirements**

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In addition to taking the core middle school education courses, students seeking a Bachelor of Arts in Middle School Education (grades 5-9) with certification in science must complete the following courses:

#### *Science Emphasis*

BSC 10000	Concepts in Biology
BSC 10700	Human Biology
CHM 10000	Concepts in Chemistry
ESC 10000	Physical Geology with Lab
ESC 11000	Introductory Meteorology
ESC 11100	Meteorology Lab
ESC 13000	Introductory Astronomy and
ESC 13100	Astronomy Lab or
ESC 13200	Introductory Astronomy with Lab
PHY 11100	Concepts of Physics
PHY 11200	Concepts of Physics Laboratory



PHL 26500	Philosophy of Science or
SCI 21200	History of Science

**Methods of Teaching**

One of the following:

EDU 33000	Secondary Methods of Teaching Science
EDU 31900	Elementary/Middle School Science Methods

**MIDDLE SCHOOL EDUCATION BA****SOCIAL SCIENCE EMPHASIS**

*51-53 credit hours in Middle School Education*

*36 credit hours in Social Science Emphasis*

**Requirements**

In addition to taking the core middle school education courses, students seeking a Bachelor of Arts in Middle School Education (grades 5-9) with certification in social science must complete the following courses:

**Social Science Emphasis**

HIS 10000	World History Since 1500
HIS 10500	America: Colony to Civil War
HIS 10600	America: Civil War to World Power
HIS 20000	History of the Contemporary World
PS 15500	American Government: The Nation
PS 15600	American Government: The States
ECON 23010	Survey of Economics or
ECON 23020	Principles of Microeconomics or
ECON 23030	Principles of Macroeconomics
PSY 10000	Principles of Psychology
SOC 10200	Basic Concepts of Sociology

One of the following:

ANT 10000	Introduction to Anthropology
ANT 11200	Cultural Anthropology

One of the following:

GEO 20100	World Regional Geography
GEO 20200	Concepts of Geography

Students must also take one additional social science elective.

**Methods of Teaching**

One of the following:

EDU 33500	Secondary Methods of Teaching Social Studies
EDU 31300	Elementary/Middle School Social Studies Methods

**MIDDLE SCHOOL EDUCATION BA****SPEECH/THEATRE EMPHASIS**

*51-53 credit hours in Middle School Education*

*24 credit hours in Speech/Theatre Emphasis*

**Requirements**

In addition to taking the core middle school education courses, students seeking a Bachelor of Arts in Middle School Education (grades 5-9) with certification in speech/theatre must complete the following courses:

**Speech/Theatre Emphasis**

COM 11000	Fundamentals of Oral Communication
DAN 10100	Introduction to Dance
TA 10100	Acting I
TA 11100	Introduction to Technical Theatre I
TA 20100	Acting II
TA 21600	Stage Make-up
TA 30400	Script Analysis
TA 30600	Directing

**Methods of Teaching**

EDU 33700	Secondary Methods of Teaching Speech & Theatre
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**MIDDLE SCHOOL EDUCATION BA****TECHNOLOGY AND ENGINEERING EMPHASIS**

*51-53 credit hours in Middle School Education*

*47 credit hours in Technology and Engineering Emphasis*

**Requirements**

Students seeking a Bachelor of Arts in Middle School Education (grades 5-9) with certification in technology and engineering must complete EDU 33900 and 41 credit hours of coursework selected from the three clusters offered at St. Louis Community College-Florissant Valley:

**Technology and Engineering Emphasis**

Cluster A:

Select a minimum of 12 hours from courses below:

EDI 10000	Engineering Drawing (SLCC-FV)
EDI 10400	Electronic Drafting (SLCC-FV)
EDI 11600	Construction Blueprint Reading (SLCC-FV)
EDI 13101	Computer Art Studio (SLCC-FV)
EDI 13300	Introduction to AutoCAD I (SLCC-FV)
EDI 13301	Graphic Design I (SLCC-FV)
EDI 13900	3-D AutoCAD with Autoshade (SLCC-FV)
EDI 14000	Computer Aided Drafting and Design I (SLCC-FV)

EDI 14100	Introduction to AutoCAD II (SLCC-FV)
EDI 14500	Computer Solids Modeling (SLCC-FV)
EDI 14700	Introduction to Engineering Design (SLCC-FV)
EDI 16500	Photography I (SLCC-FV)
EDI 23000	Introduction to 3-D Solid Modeling for Design (SLCC-FV)
EDI 25500	Advanced Computer Aided Drafting (SLCC-FV)

## Cluster B:

Select a minimum of 12 hours from courses below:

EDI 10600	IBM Personal Computer Installation and Repair (SLCC-FV)
EDI 10900	Personal Computer Configuration (SLCC-FV)
EDI 11000	Technical Electric Circuits I (SLCC-FV)
EDI 11100	Technical Electric Circuits II (SLCC-FV)
EDI 12102	Fundamentals of Digital Electronics (SLCC-FV)
EDI 13000	Electric Circuits I (SLCC-FV)
EDI 13100	Electric Circuits II (SLCC-FV)
EDI 13200	Electronic Devices (SLCC-FV)
EDI 22300	Basic Hydraulics I (SLCC-FV)
EDI 24101	Transmission and Distribution of Power (SLCC-FV)
EDI 25501	Fluid Power (SLCC-FV)

## Cluster C:

Select a minimum of 9 hours from courses below:

EDI 10100	Welding Technology (SLCC-FV)
EDI 10800	Construction Methods (SLCC-FV)
EDI 12103	Computer Integrated Manufacturing (SLCC-FV)
EDI 14001	Introduction to Robotics (SLCC-FV)
EDI 15100	Manufacturing Processes I (SLCC-FV)
EDI 15200	Manufacturing Processes II (SLCC-FV)
EDI 24100	Numerical Control Programming (SLCC-FV)
EDI 24900	Materials and Metallurgy (SLCC-FV)
EDI 30100	Construction Materials and Methods (SLCC-FV)

## Electives:

Select a minimum of 8 hours from any of the three Technology areas above or the following list:

EDI 12101	Principles of Engineering (SLCC-FV)
EDI 12200	Engineering Design and Development (SLCC-FV)
EDI 14800	Solid Modeling with Unigraphics (SLCC-FV)
EDI 25600	Solid Modeling with CATIA (SLCC-FV)

*Notes: (1) This degree emphasis is only offered at STLCC-Florissant Valley. Students must work with STLCC-FV and major advisor at Lindenwood University. Students must enroll in classes through both advisors.*

*(2) Course duplication is not allowed.*

Also required are College Algebra and General Psychology (at either LU or Florissant Valley).

MTH 15100	College Algebra
PSY 10000	Principles of Psychology

**Methods of Teaching**

EDU 33900	Secondary Methods of Teaching Technology and Engineering
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*Note: Students seeking only middle school certification should be aware that such certification allows them limited career options in middle school education (grades 5-9). Therefore, middle school education students are encouraged to consider certification in a second area. Coursework must be carefully planned and sequenced by the student with an advisor.*

**Certification Programs for Grades 9-12 and Grades K-12**

Students who wish to earn a teaching certificate at the secondary level must earn a bachelor of arts, bachelor of fine arts, or a bachelor of science in the subject area in which they wish to teach and, additionally, complete the requirements for either of the following minors:

- Minor in education (K-12)
- Minor in secondary education (9-12)

For instance, if a student wishes to teach English at the high school level, he or she must earn a Bachelor of Arts in English Literature and complete the requirements for a minor in secondary education (9-12). For this reason, students who desire to teach at the high school level must secure an advisor in the subject area as well as in education.

Note that students seeking K-12 certification or secondary education (9-12) certification must have an academic advisor from both the content area and from the School of Education to ensure that all DESE requirements for certification have been met. These requirements may exceed the requirements for the degree in the content area.

**9-12 MINOR COURSE REQUIREMENTS**

*36-38 credit hours in Secondary Education (9-12)*

*3-6 credit hours in methods of teaching*

**Requirements**

In addition to the completion of a BA or BS in the desired content area, students pursuing certification to teach secondary grades must complete the following education courses in completion of a minor in secondary education (9-12) or education (K-12):

EDU 10000	Orientation to Educational Experiences
EDU 11100	School Observation
EDU 20200	Psychology of Teaching and Learning
EDU 21501	Teacher Education Seminar I
EDU 30700	Teaching Reading in the Content Areas

EDU 32100	Middle/High School Classroom Teaching and Technology
EDU 34100	Education of the Exceptional Child
EDU 34300	Middle/High School Differentiation and Classroom Management
EDU 38000	Pre-Student Teaching Practicum
EDU 40400	Advanced Measurement and Evaluation to Enhance Learning
EDU 41000	Student Teaching

In addition to the courses listed above, students must complete the appropriate methods of teaching course(s) as determined by the student's desired area of certification.

*Notes: (1) The total number of credit hours required for secondary education certification is dependent on the student's major content area, as degree requirements in content areas vary.*

*(2) Students in secondary education (9-12) and K-12 certification programs must officially declare a minor in either secondary education (9-12) or education (K-12) in order to be recognized for the additional educational coursework completed.*

### **Secondary Education Certification Content Areas**

The Department of Teacher Education offers the following emphasis areas for students seeking certification in secondary education (grades 9-12). Certification in the emphasis area requires the completion of the appropriate BA or BS program.

Business  
 Business with Marketing Add-On  
 Biological Sciences  
 Biological Sciences with Unified Science  
 Chemistry  
 Chemistry with Unified Science  
 English Literature  
 Technology and Engineering (in conjunction with an agreement at St. Louis Community College-Flo-Valley Campus)  
 Mathematics  
 Social Science  
 History with a Minor in Social Studies  
 Speech/Theatre

## **SECONDARY EDUCATION CERTIFICATION IN BUSINESS**

*72-74 credit hours Bachelor of Arts in Business Administration*

*6 credit hours of technology coursework*

*42-44 credit hours Minor in Secondary Ed (9-12)*

### **Requirements**

In addition to the education courses required for a minor in secondary education (9-12) students seeking secondary

certification in business must complete a Bachelor of Arts in Business Administration.

### **Bachelor of Arts in Business Administration**

#### **General Education Courses for Business**

*48-54 credit hours*

Please refer to the School of Business and Entrepreneurship for the general education requirements for all business degrees.

#### **Core Business Courses**

*39 credit hours*

MGMT 16022	Introduction to Business and Free Enterprise
ACCT 21010	Principles of Financial Accounting
ACCT 21011	Principles of Managerial Accounting
ECON 23030	Principles of Macroeconomics
MIS 24000	Introduction to Information Systems
MGMT 26032	Principles of Management
MGMT 26061	Business Law I
FIN 32000	Principles of Finance
MRKT 35010	Principles of Marketing
MGMT 36033	Introduction to Management Decision Science
INTL 38000	Global Business and Society
MGMT 46082	Management Policy

*Notes: (1) Introduction to Business and Free Enterprise is waived if the student has nine or more credit hours in business coursework when entering the program.*

*(2) MGMT 46082 is the capstone course, which is to be taken during the student's last semester of the business program.*

Plus one of the HRM courses below.

HRM 36510	Human Resource Management
MGMT 36050	Organizational Behavior

#### **Elective Business Courses**

Student must complete the following elective courses:

COM 30300	Written Communication for Business
MGMT 36043	Principles of Operations Management

In addition, students must select six business elective courses at or above the 30000 level, including no more than one Special Topics and/or Internship course. (For students seeking a marketing add-on, four of these six business electives must be selected from within the marketing area, which will earn the student an emphasis in marketing from the School of Business.)

*Note: As a business elective option, students might wish to consider FIN 32030 Consumer Finance, a course strongly recommended by DESE.*

**Methods of Teaching**

EDU 33600	Secondary Methods of Teaching Business Education
EDU 37300	Implementing Vocational Business Education Programs

*Note: DESE requires all students seeking secondary certification to complete a total of nine credit hours of coursework in technology. The business core includes one technology course (MIS 24000). The student must select two additional courses in technology to fulfill this DESE requirement.*

Verification of 2000 work hours in a business related field is also required. If the student does not have the necessary total of work hours, he or she may enroll for credit in field experience courses to meet this requirement. Students should speak to an education advisor.

## SECONDARY EDUCATION CERTIFICATION IN BUSINESS WITH MARKETING ADD-ON

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*72 credit hours Bachelor of Arts in Business  
Administration*

*42-44 credit hours Minor in Secondary Ed (9-12)*

*6 credit hours of technology coursework*

*21 credit hours Marketing Add-On*

**Requirements**

In addition to the education courses required for a minor in secondary education (9-12) students seeking secondary certification in business must complete a Bachelor of Arts in Business Administration.

**Bachelor of Arts in Business Administration**

The following business courses are required for the Bachelor of Arts in Business Administration:

**General Education Courses for Business**

*48-54 credit hours*

Please refer to the School of Business and Entrepreneurship for the general education requirements for all business degrees.

**Core Business Courses**

*39 credit hours*

MGMT 16022	Introduction to Business and Free Enterprise
ACCT 21010	Principles of Financial Accounting
ACCT 21011	Principles of Managerial Accounting
ECON 23030	Principles of Macroeconomics
MIS 24000	Introduction to Information Systems
MGMT 26032	Principles of Management
MGMT 26061	Business Law I
FIN 32000	Principles of Finance
MRKT 35010	Principles of Marketing

MGMT 36033	Introduction to Management Decision Science
INTL 38000	Global Business and Society
MGMT 46082	Management Policy

*Notes: (1) Introduction to Business and Free Enterprise is waived if the student has nine or more credit hours in business coursework when entering the program.*

*(2) MGMT 46082 is the capstone course, which is to be taken during the student's last semester of the business program.*

Plus one of the HRM courses below.

HRM 36510	Human Resource Management
MGMT 36050	Organizational Behavior

**Elective Business Courses**

Student must complete the following elective courses:

COM 30300	Written Communication for Business
MGMT 36043	Principles of Operations Management

In addition, students must select six business elective courses at or above the 30000 level, including no more than one Special Topics and/or Internship course. (For students seeking a marketing add-on, four of these six business electives must be selected from within the marketing area, which will earn the student an emphasis in marketing from the School of Business.)

*Note: As a business elective option, students might wish to consider FIN 32030 Consumer Finance, a course strongly recommended by DESE.*

**Methods of Teaching**

EDU 33600	Secondary Methods of Teaching Business Education
EDU 37300	Implementing Vocational Business Education Programs

*Note: DESE requires all students seeking secondary certification to complete a total of nine credit hours of coursework in technology. The business core includes one technology course (MIS 24000). The student must select two additional courses in technology to fulfill this DESE requirement.*

Verification of 2000 work hours in a business related field is also required. If the student does not have the necessary total of work hours, he or she may enroll for credit in field experience courses to meet this requirement. Students should speak to an education advisor.

**Marketing Add-On**

*12 credit hours in Marketing Emphasis*

*9 credit hours in Education coursework*

In addition to the education courses required for a minor in secondary education (9-12) or minor in education (K-12), students seeking secondary certification in business with a marketing add-on must complete a Bachelor of Arts in

Business Administration with an emphasis in marketing. (For more information about a marketing emphasis, speak to a business advisor.)

The student seeking a marketing add-on must also complete the following education courses:

EDU 36500	Coordination of Cooperative Education
EDU 36600	Methods of Teaching Marketing
EDU 36700	Curriculum for Marketing Education

Verification of 2000 work hours in a marketing related field is also required.

If the student does not have the necessary number of work hours in a marketing related field, the courses below may be taken for credit to fulfill this requirement:

EDU 36401	Marketing Field Experience I
EDU 36402	Marketing Field Experience II
EDU 36403	Marketing Field Experience III
EDU 36404	Marketing Field Experience IV

See an education advisor.

## SECONDARY EDUCATION CERTIFICATION IN BIOLOGICAL SCIENCES

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*66 credit hours Bachelor of Arts in Biological Sciences*

*7 credit hours of additional coursework*

*39-41 credit hours Minor in Secondary Ed (9-12)*

### Requirements

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In addition to the education courses required for a minor in secondary education (9-12) students seeking secondary certification in biological sciences must complete the following courses:

#### **Bachelor of Arts in Biological Sciences**

BSC 22700	Human Anatomy and Physiology I
BSC 22800	Human Anatomy and Physiology II
BSC 24000	Introduction to Biological Diversity
BSC 24400	Introduction to Cellular and Molecular Biology
BSC 24800	Introduction to Ecology and Evolution
BSC 28500	Methods and Writing for Biology
BSC 32000	Plant Biology
BSC 32400	Animal Biology
BSC 40400	Cell Biology
BSC 40800	Genetics
BSC 46400	Evolution
BSC 46500	General Ecology
BSC 48500	Biology Seminar
BSC 48600	Senior Synthesis
CHM 23000	General Chemistry 1
CHM 23100	General Chemistry 2
CHM 23200	General Chemistry 3

CHM 24100	General Chemistry 2 Laboratory
CHM 24200	General Chemistry 3 Laboratory
MTH 15100	College Algebra
MTH 15200	Pre-calculus: Elementary Functions
MTH 24100	Statistics for Natural Science

Additional required coursework

PHY 25100	Introductory Physics I
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Students must take one of the following courses:

SCI 21200	History of Science
PHL 26500	Philosophy of Science

#### *Methods of Teaching*

EDU 33000	Secondary Methods of Teaching Science
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See the description of the biological sciences major in the School of Sciences section of the catalog.

## SECONDARY EDUCATION CERTIFICATION IN BIOLOGICAL SCIENCES WITH UNIFIED SCIENCE

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*85 credit hours Bachelor of Arts in Biological Sciences with Unified Science*

*39-41 credit hours Minor in Secondary Ed (9-12)*

### Requirements

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In addition to the education courses required for a minor in secondary education (9-12) students seeking secondary certification in biological sciences with a unified science emphasis must complete the following courses:

#### **Bachelor of Arts in Biological Sciences with Unified Science Emphasis**

BSC 22700	Human Anatomy and Physiology I
BSC 22800	Human Anatomy and Physiology II
BSC 24000	Introduction to Biological Diversity
BSC 24400	Introduction to Cellular and Molecular Biology
BSC 24800	Introduction to Ecology and Evolution
BSC 28500	Methods and Writing for Biology
BSC 32000	Plant Biology
BSC 32400	Animal Biology
BSC 40400	Cell Biology
BSC 40800	Genetics
BSC 46400	Evolution
BSC 46500	General Ecology
BSC 48500	Biology Seminar
BSC 48600	Senior Synthesis
CHM 23000	General Chemistry 1
CHM 23100	General Chemistry 2
CHM 24100	General Chemistry 2 Laboratory
CHM 23200	General Chemistry 3
CHM 24200	General Chemistry 3 Laboratory

ESC 10000	Physical Geology with Lab
ESC 11000	Introductory Meteorology
ESC 11100	Meteorology Lab
MTH 15100	College Algebra
MTH 15200	Pre-calculus: Elementary Functions
MTH 24100	Statistics for Natural Science
PHY 25100	Introductory Physics I
PHY 25200	Introductory Physics II

Students must take one of the following courses:

SCI 21200	History of Science
PHL 26500	Philosophy of Science

#### *Methods of Teaching*

EDU 33000	Secondary Methods of Teaching Science
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See the unified science biological sciences description in the School of Sciences section of the catalog.

## **SECONDARY EDUCATION CERTIFICATION IN CHEMISTRY BA**

*52 credit hours Bachelor of Arts in Chemistry*

*3 credit hours SCI/PHL*

*39-41 credit hours Minor in Secondary Ed (9-12)*

### **Requirements**

In addition to the education courses required for a minor in secondary education (9-12) students seeking secondary certification in chemistry must complete a Bachelor of Arts in Chemistry or a Bachelor of Science in Chemistry.

#### ***Bachelor of Arts in Chemistry***

CHM 23000	General Chemistry 1
CHM 23100	General Chemistry 2
CHM 23200	General Chemistry 3
CHM 24100	General Chemistry 2 Laboratory
CHM 24200	General Chemistry 3 Laboratory
CHM 35500	Analytical Chemistry
CHM 36100	Organic Chemistry I
CHM 36200	Organic Chemistry II
CHM 48500	Chemistry Seminar
CHM 45500	Instrumental Analysis
MTH 24100	Statistics for Natural Science
MTH 27100	Calculus I
MTH 27200	Calculus II

Students must select one of the following pairs of courses:

Option 1:

PHY 25100	Introductory Physics I
PHY 25200	Introductory Physics II

Option 2:

PHY 30100	General Physics I
PHY 30200	General Physics II

Plus three credit hours of chemistry electives, selected from among the following options:

CHM 30000	Introduction to Chemical Literature and Laboratory Safety
CHM 31100	Applications in Forensic Science
CHM 38200	Chemical Equilibria
CHM 38500/BSC 38500	Medicinal Chemistry
CHM 42100	Biochemistry: Structure and Mechanism
CHM 42200/BSC 42200	Biochemistry: Metabolism
CHM 44000	Inorganic Chemistry
CHM 47200	Physical Chemistry II
CHM 47300	Physical Chemistry Lab
CHM 47400	Chemical Dynamics
CHM 48000	Chemistry Internship
CHM 48900	Independent Research

Students must take one of the following courses:

SCI 21200	History of Science
PHL 26500	Philosophy of Science

#### *Methods of Teaching*

EDU 33000	Secondary Methods of Teaching Science
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See the description of the chemistry major in the School of Sciences section of the catalog.

## **SECONDARY EDUCATION CERTIFICATION IN CHEMISTRY BA WITH UNIFIED SCIENCE**

*73 credit hours Bachelor of Arts in Chemistry with Unified Science*

*39-41 credit hours Minor in Secondary Ed (9-12)*

### **Requirements**

In addition to the education courses required for a minor in secondary education (9-12) students seeking secondary certification in chemistry with a unified science emphasis must complete the following courses:

BSC 24000	Introduction to Biological Diversity
BSC 24400	Introduction to Cellular and Molecular Biology
BSC 36200	Advanced Environmental Biology
CHM 11100	Environmental Science
CHM 23000	General Chemistry 1
CHM 23100	General Chemistry 2
CHM 23200	General Chemistry 3
CHM 24100	General Chemistry 2 Laboratory
CHM 24200	General Chemistry 3 Laboratory
CHM 35500	Analytical Chemistry

CHM 36100	Organic Chemistry I
CHM 36200	Organic Chemistry II
CHM 47100	Physical Chemistry I
CHM 48500	Chemistry Seminar
ESC 10000	Physical Geology with Lab
ESC 11000	Introductory Meteorology
MTH 24100	Statistics for Natural Science
MTH 27100	Calculus I
MTH 27200	Calculus II

Students must select one of the following pairs of courses:

Option 1:

PHY 25100	Introductory Physics I
PHY 25200	Introductory Physics II

Option 2:

PHY 30100	General Physics I
PHY 30200	General Physics II

Students must also take one of the following courses:

SCI 21200	History of Science
PHL 26500	Philosophy of Science

#### *Methods of Teaching*

EDU 33000	Secondary Methods of Teaching Science
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See the unified science description in the School of Sciences section of the catalog.

## SECONDARY EDUCATION CERTIFICATION IN CHEMISTRY BS

*78 credit hours Bachelor of Science in Chemistry*

*39-41 credit hours Minor in Secondary Ed (9-12)*

### Requirements

In addition to the education courses required for a minor in secondary education (9-12) students seeking secondary certification in chemistry must complete a Bachelor of Arts in Chemistry or a Bachelor of Science in Chemistry.

#### ***Bachelor of Science in Chemistry***

BSC 24400	Introduction to Cellular and Molecular Biology
CHM 23000	General Chemistry 1
CHM 23100	General Chemistry 2
CHM 23200	General Chemistry 3
CHM 24100	General Chemistry 2 Laboratory
CHM 24200	General Chemistry 3 Laboratory
CHM 30000	Introduction to Chemical Literature and Laboratory Safety
CHM 35500	Analytical Chemistry
CHM 36100	Organic Chemistry I
CHM 36200	Organic Chemistry II
CHM 42100	Biochemistry: Structure and Mechanism

CHM 44000	Inorganic Chemistry
CHM 45500	Instrumental Analysis
CHM 47100	Physical Chemistry I
CHM 47200	Physical Chemistry II
CHM 47300	Physical Chemistry Lab
CHM 48500	Chemistry Seminar
CHM 48900	Independent Research
MTH 24100	Statistics for Natural Science
MTH 27100	Calculus I
MTH 27200	Calculus II
MTH 30300	Calculus III
PHY 30100	General Physics I
PHY 30200	General Physics II

#### *Methods of Teaching*

EDU 33000	Secondary Methods of Teaching Science
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## SECONDARY EDUCATION CERTIFICATION IN ENGLISH

*48 credit hours Bachelor of Arts in English Literature*

*3 credit hours DESE Education coursework*

*39-41 credit hours Minor in Secondary Ed (9-12)*

### Requirements

#### ***Bachelor of Arts in English Literature***

Three required courses:

ENGL 30100	Methods of Literary Study
ENGL 33300	Shakespeare
ENGL 45400	Senior Thesis

One course selected from the following options:

ENGL 20100	World Literature I
ENGL 20200	World Literature II

One course selected from the following options:

ENGL 20500	British Literature I
ENGL 20600	British Literature II

One course selected from the following options:

ENGL 23500	American Literature I
ENGL 23600	American Literature II

One course selected from the following options:

ENGL 20000-20099	Introduction to Literature
ENGL 20100	World Literature I
ENGL 20200	World Literature II
ENGL 20500	British Literature I
ENGL 20600	British Literature II
ENGL 23500	American Literature I
ENGL 23600	American Literature II

Two courses selected from the following options (one course in this category pertaining to early literatures will be offered each semester):

ENGL 33200	Chaucer
ENGL 33800	Medieval English Literature
ENGL 33900	Early Modern Literature
ENGL 34100	Restoration & 18th-Century Literature
ENGL 35200	Early American Literature

Two courses selected from the following options (one course in this category pertaining to post-1785 literatures will be offered each semester):

ENGL 30900	The Novel
ENGL 34200	English Romantic Literature
ENGL 34300	19th Century Literature

ENGL 35300	Modern American Literature
ENGL 35500	20th- and 21st-Century Literature

Two courses selected from the following options (one course in this category that provides the in-depth analysis of topics in literature will be offered each semester):

ENGL 34700-34799	Topics in American Literature
ENGL 35700-35799	Topics in British Literature
ENGL 38000-38099	Advanced Topics in Literature
ENGL 38100-38199	Advanced Topics in Literature

One course selected from the following options (at least one course in this category pertaining to Form, Language, and Textual Studies will be offered each semester):

ENGL 37200	Modern Grammar
ENGL 38200-38299	Advanced Topics in English
ENGL 40400	History of the English Language

One course selected from the following options (at least one course in this category pertaining to Form, Language, and Textual Studies will be offered each semester):

ENGL 21400	Introduction to Writing Poetry
ENGL 21500	Introduction to Writing Fiction
ENGL 22200	Writing Creative Non-Fiction
ENGL 37200	Modern Grammar
ENGL 38200-38299	Advanced Topics in English
ENGL 40400	History of the English Language

One course selected from any 20000-, 30000-, or 40000-level ENGL course, except for ENGL 29000-29999 and ENGL 39000-39999.

*Note: No duplication of coursework is allowed.*

English Literature majors must demonstrate proficiency in one foreign language equivalent to Lindenwood

University's Intermediate II level. Students who have experience in a foreign language before they enroll at Lindenwood may have their proficiency tested by the Department of Foreign Languages to determine which courses, if any, they must take to fulfill the requirement.

English Literature majors should take ENGL 30100 as soon as possible after completing ENGL 17000.

In addition to the education courses required for a minor in secondary education (9-12) students seeking secondary certification in English must complete the following requirements:

Required course for DESE

EDU 24700 Adolescent Literature

Required course (included in major)

ENGL 37200 Modern Grammar

In addition to the required courses listed above, ENGL 21100 Introduction to Creative Writing is encouraged as an elective.

#### *Methods of Teaching*

EDU 33400 Secondary Methods of Teaching English

See the description of the English Literature major in the School of Humanities section of the catalog.

## SECONDARY EDUCATION CERTIFICATION IN TECHNOLOGY AND ENGINEERING

*47 credit hours in Technology and Engineering Emphasis*

*39-41 credit hours Minor in Secondary Ed (9-12)*

### Requirements

Students seeking secondary certification in technology and engineering must take EDU 33900 and 41 hours selected from the three clusters offered at St. Louis Community College-Florissant Valley:

Cluster A:

Select a minimum of 12 hours from courses below:

EDI 10000	Engineering Drawing (SLCC-FV)
EDI 10400	Electronic Drafting (SLCC-FV)
EDI 11600	Construction Blueprint Reading (SLCC-FV)
EDI 13101	Computer Art Studio (SLCC-FV)
EDI 13300	Introduction to AutoCAD I (SLCC-FV)
EDI 13301	Graphic Design I (SLCC-FV)
EDI 13900	3-D AutoCAD with Autoshade (SLCC-FV)
EDI 14000	Computer Aided Drafting and Design I (SLCC-FV)
EDI 14100	Introduction to AutoCAD II (SLCC-



EDI 14500	FV) Computer Solids Modeling (SLCC-FV)
EDI 14700	Introduction to Engineering Design (SLCC-FV)
EDI 16500	Photography I (SLCC-FV)
EDI 23000	Introduction to 3-D Solid Modeling for Design (SLCC-FV)
EDI 25500	Advanced Computer Aided Drafting (SLCC-FV)

**Cluster B:**

Select a minimum of 12 hours from courses below:

EDI 10600	IBM Personal Computer Installation and Repair (SLCC-FV)
EDI 10900	Personal Computer Configuration (SLCC-FV)
EDI 11000	Technical Electric Circuits I (SLCC-FV)
EDI 11100	Technical Electric Circuits II (SLCC-FV)
EDI 12102	Fundamentals of Digital Electronics (SLCC-FV)
EDI 13000	Electric Circuits I (SLCC-FV)
EDI 13100	Electric Circuits II (SLCC-FV)
EDI 13200	Electronic Devices (SLCC-FV)
EDI 22300	Basic Hydraulics I (SLCC-FV)
EDI 24101	Transmission and Distribution of Power (SLCC-FV)
EDI 25501	Fluid Power (SLCC-FV)

**Cluster C:**

Select a minimum of 9 hours from courses below:

EDI 10100	Welding Technology (SLCC-FV)
EDI 10800	Construction Methods (SLCC-FV)
EDI 12103	Computer Integrated Manufacturing (SLCC-FV)
EDI 14001	Introduction to Robotics (SLCC-FV)
EDI 15100	Manufacturing Processes I (SLCC-FV)
EDI 15200	Manufacturing Processes II (SLCC-FV)
EDI 24100	Numerical Control Programming (SLCC-FV)
EDI 24900	Materials and Metallurgy (SLCC-FV)
EDI 30100	Construction Materials and Methods (SLCC-FV)

**Electives**

Select a minimum of 8 hours from any of the three Technology areas above or the following list:

EDI 12101	Principles of Engineering (SLCC-FV)
EDI 12200	Engineering Design and Development (SLCC-FV)
EDI 14800	Solid Modeling with Unigraphics

EDI 25600	(SLCC-FV) Solid Modeling with CATIA (SLCC-FV)
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*Notes: (1) This degree emphasis is only offered at STLCC-Florissant Valley. Students must work with STLCC-FV and major advisor at Lindenwood University. Students must enroll in classes through both advisors.*

*(2) Course duplication is not allowed.*

Also required are College Algebra and General Psychology (at either LU or Florissant Valley)

MTH 15100	College Algebra
PSY 10000	Principles of Psychology

**Methods of Teaching**

EDU 33900	Secondary Methods of Teaching Technology and Engineering
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*Note: This degree emphasis is only offered at Saint Louis Community College-Florissant Valley. Students must work with STLCC-FV and major advisor at Lindenwood University.*

## SECONDARY EDUCATION CERTIFICATION IN MATHEMATICS

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*50 credit hours Bachelor of Arts in Mathematics*

*39-41 credit hours Minor in Secondary Ed (9-12)*

### Requirements

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Students seeking secondary certification in mathematics must complete the curricula or a Bachelor of Arts in Mathematics and minor in secondary education.

**Bachelor of Arts in Mathematics****Core courses**

CSC 14400	Computer Science I
MTH 24100	Statistics for Natural Science
MTH 27100	Calculus I
MTH 27200	Calculus II
MTH 28500	Introduction to Advanced Mathematics
MTH 30300	Calculus III
MTH 31100	Differential Equations
MTH 31500	Linear Algebra I
MTH 32000	Algebraic Structures
PHY 30100	General Physics I

Plus one of the following courses:

CSC 10011	Introduction to Computer Science: Python
CSC 10022	Introduction to Computer Science: Javascript

**Math Elective Courses**

Students also must complete nine credit hours of mathematics coursework selected from among the following options:

MTH 31300	History of Mathematics
MTH 31600	Linear Algebra II
MTH 32400	Theory of Financial Mathematics I
MTH 33000	Geometry
MTH 34100	Probability and Mathematical Statistics I
MTH 34200	Probability and Mathematical Statistics II
MTH 35100	Numerical Methods
MTH 36100	Applied Engineering Mathematics
MTH 37000	Advanced Calculus
MTH 39000-39999	Special Topics in Applied Mathematics
MTH 49000-49999	Special Topics in Mathematics

**Methods of Teaching**

EDU 33100	Secondary Methods of Teaching Mathematics
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See the description of the mathematics 192 major in the School of Sciences section of this catalog.

## SECONDARY EDUCATION CERTIFICATION IN SOCIAL SCIENCE WITH SOCIAL STUDIES MINOR

*54 credit hours Bachelor of Arts in History*

*18 credit hours Minor in Social Studies*

*39-41 credit hours Minor in Secondary Ed (9-12)*

**Requirements****For History Majors with Minor in Social Studies**

Requirements for history majors with a minor in social studies seeking secondary certification in social science are as follows:

**Required Methods of Teaching course**

EDU 33500	Secondary Methods of Teaching Social Studies
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**Bachelor of Arts in History**

A major in history requires 54 credit hours of coursework through the Department of History and Geography as well as the general education requirements listed below.

Six required courses:

HIS 20000	History of the Contemporary World
HIS 20300	Historical Methods
HIS 22300	The Ancient and Medieval World
HIS 30100	Early Modern Europe

HIS 30200	Modern Europe
HIS 40000	Senior Seminar in History

One course selected from the following options:

HIS 21500	American History to 1865 Advanced Survey
HIS 10500	America: Colony to Civil War

One course selected from the following options:

HIS 21600	American History Since 1865 Advanced Survey
HIS 10600	America: Civil War to World Power

One course selected from the following options:

HIS 20500	History of Asia
HIS 22000	History of Latin America

One course selected from the following options:

HIS 35000	Applied History
HIS 45000	History Internship
EDU 41000	Student Teaching

Two courses of European history selected from the following options:

HIS 26100	History of the British Isles
HIS 32900	Church and State in Early Modern Europe
HIS 33000	European Intellectual History
HIS 33200	Revolution in the Modern World
HIS 33600	The Civilization of Industrialism
HIS 33700	The Soviet Union and European Communism
HIS 33800	War and Society in the Twentieth Century
HIS 35500	Europe Since 1945

Three courses of United States history, two of which must be at or above the 30000 level, selected from the following options:

HIS 20700	American Military History through World War Two
HIS 21400	American Military History Since 1941
HIS 23200	History of American Sports
HIS 30800	The Origins of the United States to 1800
HIS 30900	The Age of Jackson
HIS 31000	The Civil War and Reconstruction
HIS 31200	The Growth of Modern America, 1877-1914
HIS 31400	Economic History of America
HIS 31500	History of Gender in America
HIS 31600	A Biography of the Constitution
HIS 31700	The American West 1830-1960
HIS 31800	History of Race in America

HIS 32000	The United States 1918-1945: Prosperity, Depression, and War
HIS 32100	The United States in the Age of the Cold War

History majors must take one of the following courses, which will fulfill a cross cultural general education requirement.

GEO 20100	World Regional Geography
GEO 20200	Concepts of Geography
GEO 20700	World Economic Geography
GEO 30100	World Historical Geography

History majors must take one of the following courses, to fulfill the general education US history/government requirement:

HIS 15500	U.S. Government: Politics and History or
PS 15500	American Government: The Nation

History majors must take one of the following courses to fulfill one of the general education social science requirements. If students take HIS 31400 for economics credit, they cannot count it as a history (HIS) elective.

ECON 23010	Survey of Economics or
HIS 31400	Economic History of America

It is recommended that history majors take the following courses to fulfill the general education world history and the United States survey history requirements:

HIS 22100	Global History Since 1500
HIS 21500	American History to 1865 Advanced Survey
HIS 21600	American History Since 1865 Advanced Survey

### **Minor in Social Studies**

A minor in social studies requires 18 credit hours of coursework.

Five required courses:

ANT 11200	Cultural Anthropology
GEO 20100	World Regional Geography OR
GEO 20200	Concepts of Geography
PS 15600	American Government: The States
PSY 10000	Principles of Psychology
SOC 10200	Basic Concepts of Sociology

One course chosen from the following options:

ANT 21000	Native North American Indians
ANT 31700	Social and Cultural Change
ANT 32400	The Anthropology of Religion
ANT 32700	Environmental Anthropology

ECON 23020	Principles of Microeconomics
ECON 23030	Principles of Macroeconomics
ECON 33035	Current Economic & Social Issues
ECON 33060	History of Economic Thought
GEO 20000	Introduction to Geographic Information Systems
GEO 20300	Human Geography
PS 31000	Congress, the Presidency, and the Party System
PS 31500	Policy Analysis Statistics
IR 35000	International Relations Theory
SOC 24000	The Sociology of Gender Roles
SOC 31800	Race, Ethnicity, and Gender: A Global Perspective
SOC 32400	Social Interaction in Everyday Life
SOC 42000/ANT 42000	Sociocultural Theory

This minor is recommended for students majoring in history who are seeking certification to teach social studies at the secondary level. See a history advisor about this minor.

## **SECONDARY EDUCATION CERTIFICATION IN SPEECH/THEATRE**

*80 credit hours Speech/Theatre*

*41-43 credit hours Minor in Secondary Ed (9-12)*

### **Requirements**

For students seeking 9-12 certification in speech/theatre, the Bachelor of Arts in Theatre can be combined with a Minor in Secondary Education. Students seeking secondary certification in speech/theatre must complete the following courses with a minimum GPA of 3.0:

#### *Theatre*

TA 10100	Acting I
TA 10600	Stage Movement
TA 10800	Stage Voice
TA 11100	Introduction to Technical Theatre I
TA 20100	Acting II
TA 21000	Stage Management
TA 21600	Stage Make-up
TA 30400	Script Analysis
TA 30500	Scenography
TA 30600	Directing
TA 33500	Modern Drama
TA 33600	Survey of Dramatic Literature
TA 37100	History of Theatre I
TA 37200	History of Theatre II
TA 48000	Career and Portfolio Seminar

*Note: TA 33500 and TA 33600 may be used to satisfy the GE-Lit requirements; TA 37100 and TA 37200 may be used to satisfy the GE-CrsClt requirements.*

### Theatre Electives

Six credit hours of TA electives numbered 30000 or above.

#### *Rehearsal and Production*

Eight credit hours selected from the following options:

TA 10001	Rehearsal and Production
TA 10002	Rehearsal and Production
TA 20001	Rehearsal and Production
TA 20002	Rehearsal and Production
TA 30001	Rehearsal and Production
TA 30002	Rehearsal and Production
TA 40001	Rehearsal and Production
TA 40002	Rehearsal and Production

#### *Speech*

COM 10200	Public Debate
COM 10500	Group Dynamics and Effective Speaking
COM 11000	Fundamentals of Oral Communication
COM 32700	Media Literacy
TA 10300	Oral Interpretation

#### *Education*

EDU 33700	Secondary Methods of Teaching Speech & Theatre
TA 27201	Content and Standards for 9-12 Speech/Theatre Education

The Bachelor of Arts in Theatre with Minor in Secondary Education program also requires the following:

- A three credit hour ART, ARTH, DAN, or MUS course to satisfy the GE-Fine Art requirement.
- A three credit hour U.S. Government course.
- A minimum cumulative GPA of 2.75.
- Passing scores on periodic assessments of program-level student learning outcomes.

### **K-12 Education**

Students seeking K-12 certification must (1) earn a bachelor of arts, bachelor of fine arts, or a bachelor of science in one of the content areas listed below and (2) complete the requirements for a minor in education (K-12).

Note that students seeking K-12 certification or secondary education (9-12) certification must have an academic advisor from both the content area and from the School of Education to ensure that all DESE requirements for certification have been met. These requirements may exceed the requirements for the degree in the content area.

International students or students who have completed high school outside of the United States are also required to complete coursework in the following areas:

- English composition, two courses, each a minimum of three credit hours
- U.S. history, three credit hours
- U.S. (National) government, three credit hours

### **K-12 MINOR COURSE REQUIREMENTS**

*36-38 credit hours*

*3-6 credit hours in methods of teaching*

#### **Requirements**

In addition to the completion of a BA, BFA, or BS in the desired content area, students pursuing K-12 certification must complete the following education courses in completion of a minor in education (K-12):

#### K-12 Minor Courses

EDU 10000	Orientation to Educational Experiences
EDU 11100	School Observation
EDU 20200	Psychology of Teaching and Learning
EDU 21501	Teacher Education Seminar I
EDU 30700	Teaching Reading in the Content Areas
EDU 32100	Middle/High School Classroom Teaching and Technology
EDU 34100	Education of the Exceptional Child
EDU 34300	Middle/High School Differentiation and Classroom Management
EDU 38000	Pre-Student Teaching Practicum
EDU 40400	Advanced Measurement and Evaluation to Enhance Learning
EDU 41000	Student Teaching

In addition to the courses listed above, students must complete the appropriate methods of teaching course (selected from EDU 33000 through EDU 34000), as determined by the student's desired area of certification.

*Notes: (1) The total number of credit hours required for K-12 certification is dependent on the student's major content area.*

*(2) Students in secondary education (9-12) and K-12 certification programs must officially declare a minor in either secondary education (9-12) or education (K-12) in order to be recognized for the additional educational coursework completed.*

**K-12 Certification Content Areas**

In pursuit of K-12 certification, students must select (and complete a degree in) one of the following content areas.

*Notes: (1) Students in secondary 9-12 and K-12 certification programs must officially declare a minor in either secondary education (9-12) or education (K-12) in order to be recognized for the additional secondary educational coursework completed.*

*(2) For more information about the minor in secondary education, refer to Secondary Education.*

See specific course requirements for each K-12 content area.

Art  
Dance  
Foreign Language: French, Spanish  
Health  
Music: Instrumental, Vocal/Choral  
Physical Education  
Physical Education with health add-on

**K-12 EDUCATION IN ART**

*72 credit hours Bachelor of Fine Arts in Studio Arts*

*41-43 credit hours K-12 Education Minor*

**Requirements**

For students seeking K-12 certification in art, the Bachelor of Fine Arts in Studio Art can be combined with a minor in education. This program requires a minimum GPA of 3.0 for the following courses:

**Studio Foundation**

ART 10600	Two-Dimensional (2-D) Design
ART 10800	Color Theory
ART 12000	Introduction to Graphic Design
ART 13000	Drawing I
ART 13600	Three-Dimensional (3-D) Design
ART 33100	Figure Drawing I

**Experimentation**

ART 20000	Painting I
ART 22100	Sculpture I
ART 23400	Fibers I
ART 24000	Ceramics I
ART 33000	Drawing II

**Art History**

ARTH 11000	Concepts in the Visual Arts
ARTH 22200	History of Western Art to 1300
ARTH 22400	History of Western Art from 1300

*Note: ARTH 22200 and ARTH 22400 may be used to satisfy the GE-CrsClt requirements.*

Three credit hours selected from the following options:

ARTH 35400	Nineteenth-Century Art
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ARTH 35600	Baroque Art
ARTH 35700	Ancient Art
ARTH 35800	Medieval Art
ARTH 36100	Twentieth-Century Art/Modern
ARTH 36200	Twentieth-Century Art/Contemporary
ARTH 36300	Early Modern Gender Studies
ARTH 36401-36499	Topics in Non-Western Art
ARTH 36900	History of Graphic Design
ARTH 38300	Renaissance Art
ARTH 38400	Classical Myth
ARTH 38600-38699	Special Topics
ARTH 38700-38799	Special Topics
ARTH 38800-38899	Special Topics
ARTH 38900	Art Theory and Criticism
ARTH 42000	Directed Research

**Specialization**

Fifteen credit hours selected from the following options:

ART 34000	Ceramics II
ART 44000	Ceramics III
ART 44100	Ceramics IV
ART 43000	Drawing III
ART 43100	Drawing IV
ART 43200	Figure Drawing II
ART 43300	Figure Drawing III
ART 33400	Fibers II
ART 43400	Fibers III
ART 43410	Fibers IV
ART 30000	Painting II
ART 40100	Painting III
ART 40200	Painting IV
ART 18100	Analog Photography I
ART 35000	Analog Photography II
ART 18101	Digital Photography I
ART 35001	Digital Photography II
ART 21500	Printmaking I
ART 31500	Printmaking II
ART 41500	Printmaking III
ART 41510	Printmaking IV
ART 32000	Sculpture II
ART 42000	Sculpture III
ART 42100	Sculpture IV

**Capstone**

ART 40000	Senior Seminar
ART 46000	Exhibition

*Note: All Bachelor of Fine Arts in Studio Art candidates must present an exhibition in their final semester. Students must receive faculty approval of the exhibition content two months in advance; no work will be presented without faculty approval.*

*Additionally, all candidates must surrender one work approved by the faculty for entry into the University collection.*

#### **Methods of Teaching**

EDU 23300	Elementary Art Methods
EDU 33300	Secondary Methods of Teaching Art

The Bachelor of Fine Arts in Studio Art with minor in education program also requires the following:

- A three credit hour DAN, MUS, or TA course to satisfy the GE-Fine Art requirement.
- A three credit hour U.S. Government course.
- A minimum cumulative GPA of 2.75.
- Passing scores on periodic assessments of program-level student learning outcomes.

See an art major advisor.

*Note: Duplication of courses to fulfill requirements is prohibited.*

## **K-12 EDUCATION IN DANCE**

*72 credit hours BA in Dance*

*44-46 credit hours K-12 Education Minor*

### **Requirements**

For students seeking K-12 certification in dance, the Bachelor of Arts in Dance degree can be combined with a Minor in Education. This program requires a minimum GPA of 3.0 for the following courses:

#### **Orientation**

DAN 17000	First Year Seminar in Dance
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#### **Technique**

Six credit hours of ballet:

DAN 10010	Ballet I: Beginning Level
DAN 10011	Ballet I: Intermediate Level
DAN 10012	Ballet I: Advanced Level
DAN 20011	Ballet II: Intermediate Level
DAN 20012	Ballet II: Advanced Level
DAN 30011	Ballet III: Intermediate Level
DAN 30012	Ballet III: Advanced Level
DAN 40012	Ballet IV: Advanced Level

Six hours of contemporary dance:

DAN 10020	Contemporary I: Beginning Level
DAN 10021	Contemporary I: Intermediate Level
DAN 10022	Contemporary I: Advanced Level
DAN 20021	Contemporary II: Intermediate Level
DAN 20022	Contemporary II: Advanced Level
DAN 30021	Contemporary III: Intermediate Level

DAN 30022	Contemporary III: Advanced Level
DAN 40022	Contemporary IV: Advanced Level

Six credit hours selected from the following options:

DAN 10030	Jazz I: Beginning Level
DAN 10031	Jazz I: Intermediate Level
DAN 10032	Jazz I: Advanced Level
DAN 10040	Tap I: Beginning Level
DAN 10041	Tap I: Intermediate Level
DAN 10042	Tap I: Advanced Level
DAN 20031	Jazz II: Intermediate Level
DAN 20032	Jazz II: Advanced Level
DAN 20041	Tap II: Intermediate Level
DAN 20042	Tap II: Advanced Level
DAN 30031	Jazz III: Intermediate Level
DAN 30032	Jazz III: Advanced Level
DAN 30041	Tap III: Intermediate Level
DAN 30042	Tap III: Advanced Level
DAN 40032	Jazz IV: Advanced Level
DAN 40042	Tap IV: Advanced Level

#### **Performance Practicum**

Two credit hours selected from the following options:

DAN 30300	Dance Performance Practicum
DAN 37500	University Dance Ensemble

#### **Theory and Composition**

DAN 20050	Dance Theory and Composition I
DAN 20055	Dance Theory and Composition II
MUS 11800	Music Theory for Non-Majors
TA 11100	Introduction to Technical Theatre I

#### **Composition Practicum**

Two credit hours selected from the following options:

DAN 30350	Dance Composition Practicum
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#### **Anatomy and Kinesiology**

DAN 26000	Anatomy for Dancers
DAN 36000	Dance Kinesiology

#### **History**

DAN 17100	Dance as an Art
DAN 27100	Dance History
DAN 37100	Dance in the 21st Century

*Note: DAN 17100 and DAN 37100 may be used to satisfy the GE-CrsClt requirements.*

#### **Special Topics**

Three credit hours selected from the following options:

DAN 19000-19099	Special Topics in Dance
DAN 29000-29099	Special Topics in Dance
DAN 39000-39099	Special Topics in Dance

DAN 49000-49099 Special Topics in Dance

**Capstone**

DAN 47000 Senior Seminar in Dance  
DAN 47200 Senior Project

**Methods of Teaching**

DAN 27200 Content and Standards for K-12 Dance Education  
EDU 32310 Methods of Teaching Elementary School Dance  
EDU 37200 Secondary Methods of Teaching Dance

**Special General Education Courses**

BSC 10000 Concepts in Biology  
CHM 10000 Concepts in Chemistry  
MTH 14100 Basic Statistics

The Bachelor of Arts in Dance with minor in education program also requires the following:

- A three credit hour ART, ARTH, MUS, or TA course to satisfy the GE-Fine Art requirement.
- A three credit hour U.S. Government course.
- A minimum GPA of 2.75 for all GE courses.
- A minimum cumulative GPA of 2.75.
- Passing scores on periodic assessments of program-level student learning outcomes.

## K-12 EDUCATION IN FOREIGN LANGUAGE–FRENCH

*39 credit hours Bachelor of Arts in French*

*39-41 credit hours K-12 Education Minor*

### Requirements

#### **Bachelor of Arts in French**

Five required courses at the St. Charles campus:

FRE 31100 French Conversation and Composition I  
FRE 31200 French Conversation and Composition II  
FRE 33700 History of French Civilization  
FRE 35000 Masterpieces of French Literature to 1800  
FRE 35100 Masterpieces of French Literature since 1800

Two courses at the St. Charles campus selected from the following options:

FRE 40000-40099 Seminar on Selected Authors and Genres of French Literature  
FRE 41000 Seventeenth-Century French Theatre  
FRE 41100 Rise of the French Novel  
FRE 41200 French and Francophone Women Writers

FRE 41300 Twentieth-Century French Theatre  
FRE 41400 French Autobiography

Eighteen credit hours at the Caen, France campus selected from the following options:

FRE 14304 Oral and Written Communication I  
FRE 14305 Grammar I  
FRE 14306 Control of the Phonological System I  
FRE 14307 French Society and Culture I  
FRE 24304 Oral and Written Communication II  
FRE 24305 Grammar II  
FRE 24306 Control of the Phonological System II  
FRE 24307 French Society and Culture II  
FRE 34314 Oral and Written Communication III  
FRE 34315 Grammar III  
FRE 34316 Phonetics I  
FRE 34317 Literature I  
FRE 34318 Geography and Institutions  
FRE 34319 Gastronomy and Heritage  
FRE 34320 Cooperative Project  
FRE 34321 Oral and Written Communication IV  
FRE 34322 Grammar IV  
FRE 34323 Phonetics II  
FRE 34324 Literature II  
FRE 34325 Society and Institutions  
FRE 34326 Global Simulation  
FRE 34327 Writing Workshop  
FRE 34328 Discourse Control  
FRE 34329 Thoughtful Observation of Language  
FRE 34330 Cross Cultural Itinerary I  
FRE 34331 Literature/Culture I  
FRE 34332 Analysis of Literary Texts  
FRE 34333 Arts I  
FRE 34334 Media  
FRE 34335 Culture Project I  
FRE 34336 Epistemology  
FRE 34337 Analysis of Academic Discourse I  
FRE 34338 Disciplinary Project I  
FRE 34339 Speech Control  
FRE 34340 Enunciative Linguistics  
FRE 34341 Rhetoric and Argumentation I  
FRE 34342 Cross Cultural Itinerary II  
FRE 34343 Literature/Culture II  
FRE 34344 Literature/History of Literature  
FRE 34345 Philosophy  
FRE 34346 Sociolinguistics  
FRE 34347 Cultural Project II  
FRE 34348 Epistemology II  
FRE 34349 Analysis of Academic Discourse II  
FRE 34350 Disciplinary Project II  
FRE 44300 Cognitive Linguistics  
FRE 44301 Linguistics and Variation  
FRE 44302 Rhetoric and Argumentation II  
FRE 44303 Literature and Representations  
FRE 44304 France in the New World Order

FRE 44305	Arts II
FRE 44306	Thesis
FRE 44307	Teachings in the Department of Choice

**Methods of Teaching**

EDU 33200	Secondary Methods of Teaching Modern Languages
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## K-12 EDUCATION IN FOREIGN LANGUAGE- SPANISH

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*39 credit hours Bachelor of Arts in Spanish*

*39-41 credit hours K-12 Education Minor*

### Requirements

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#### **Bachelor of Arts in Spanish**

Six required courses at the St. Charles campus:

SPA 31100	Advanced Oral Expression
SPA 31200	Advanced Written Expression
SPA 33500	Peninsular Spanish Culture and Civilization
SPA 33600	Latin American Culture and Civilization
SPA 35000	Masterpieces of Peninsular Spanish Literature
SPA 35100	Masterpieces of Spanish-American Literature

Two courses at the St. Charles campus selected from the following options:

SPA 40000- 40099	Seminar on Selected Authors and Genres of Spanish and Spanish- American Literatures
SPA 41200	Spanish Romanticism
SPA 41300	Major Movements in the 19th- Century Spanish Novel
SPA 41500	The 20th-Century Spanish Novel
SPA 41600	The Role of Women in Hispanic Societies
SPA 41800	The Spanish-American Short Story
SPA 42100	The Spanish-American Regional Novel

**Methods of Teaching**

EDU 33200	Secondary Methods of Teaching Modern Languages
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Also required are 15 credits hours in one option below:

#### **Costa Rica Option:**

Three required courses in Costa Rica

SPA 31300	Advanced Spanish Composition Workshop
SPA 31400	Introduction to Spanish Linguistics
SPA 33700	Costa Rica: History and Society of 19th and 20th Centuries

Two courses in Costa Rica selected from the following options:

SPA 32121	Literature of Costa Rica
SPA 32122	Latin American Theater
SPA 32123	Literature of the Spanish Conquest Period
SPA 32124	Literature of the Spanish Language: Open Topics

#### **Spain Option:**

One required course in Spain:

SPA 32100	Practical Oral/Written Expression
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Twelve credit hours in Spain selected from the following options:

SPA 32101	Advanced Spanish Grammar
SPA 32102	Business Spanish
SPA 32103	English-Spanish Translation
SPA 32104	Islamic Culture in Spain
SPA 32105	Jewish Culture in Spain
SPA 32106	Selected Periods in the History of Spain
SPA 32107	Selected Periods in the History of Latin America
SPA 32108	Geography of Spain
SPA 32109	Society and Politics in Modern Spain
SPA 32110	The Political System of the European Union
SPA 32111	Economy and Business in Spain and Latin America
SPA 32112	The Spanish and Latin American Economies
SPA 32113	History of Art in Spain
SPA 32114	Selected Periods of the History of Art in Spain
SPA 32115	History of Spanish Cinema
SPA 32116	Health, Ecology, and the Environment in Spain
SPA 32117	Special Topics: Culture
SPA 32118	Selected Authors, Works, & Themes in Spanish Literature
SPA 32119	Selected Authors, Works, and Themes in Latin American Literature
SPA 32120	Spanish Theater

*Note: All 30000- and 40000-level culture and literature courses are conducted in Spanish.*



## K-12 EDUCATION IN HEALTH

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46 credit hours in Health

39-41 credit hours K-12 Education Minor Health

### Requirements

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Course requirements for grades K-12 certification in Health are as follows:

BSC 10000	Concepts in Biology
BSC 12100	Nutrition
BSC 22700	Human Anatomy and Physiology I
BSC 22800	Human Anatomy and Physiology II
CHM 10000	Concepts in Chemistry
EXS 31500	Physiology of Exercise
EXS 32500	Biomechanics
HFS 16000	First Aid/CPR/Sport Injuries
HFS 20000	Health and Nutrition
HFS 30000	Community Health
PSY 10000	Principles of Psychology
PSY 22000	Health Psychology
PSY 36500	Human Sexuality
SOC 31500	Alcohol, Drugs, and Society

### Methods of Teaching

EDU 27500	Secondary Methods in Health Education
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See a health major advisor.

## K-12 EDUCATION IN MUSIC INSTRUMENTAL

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64 credit hours Music-Instrumental

44-46 credit hours K-12 Education Minor

### Requirements

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For students seeking K-12 certification in instrumental music, the Bachelor of Arts in Music degree can be combined with a Minor in Education. This program requires a minimum GPA of 3.0 for the following courses:

MUS 12400	Class Voice I
MUS 14100	Music Theory I
MUS 21400	Piano Proficiency I
MUS 21500	Piano Proficiency II
MUS 22100	Woodwind Techniques
MUS 22200	Brass Techniques
MUS 22300	Percussion Techniques
MUS 22400	String Techniques
MUS 22600	Guitar Techniques
MUS 24200	Music Theory II
MUS 25000	Introduction to Music Technology
MUS 27200	Content and Standards for K-12 Music Education
MUS 32500	Keyboard Techniques
MUS 35500	History of Western Music I

MUS 35600	History of Western Music II
MUS 35700	World Music

Note: MUS 35500 and MUS 35600 may be used to satisfy the GE-CrsClI requirements. MUS 35700 may be used to satisfy the GE-Fine Art requirement.

MUS 36000	Instrumental Composition and Arranging
MUS 36500	Band and Orchestra Techniques
MUS 38300	Introduction to Conducting
MUS 38400	Advanced Conducting-Instrumental

### Private Lessons

Four credit hours selected from the following options:

MUS 104XX	Private Lessons
MUS 204XX	Private Lessons

Four credit hours selected from the following options:

MUS 304XX	Private Lessons
MUS 404XX	Private Lessons

### Ensemble

Six credit hours of large instrumental ensemble selected from the following options:

MUS 109XX	Large Ensemble - Instrumental
MUS 209XX	Large Ensemble - Instrumental

Two credit hours of small instrumental ensemble selected from the following options:

MUS 112XX	Small Ensemble - Instrumental
MUS 212XX	Small Ensemble - Instrumental

### Capstone

MUS 48800	Senior Recital
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### Methods of Teaching

EDU 32300	Methods of Teaching Elementary School Music
EDU 33800	Secondary Methods of Teaching Music

The Bachelor of Arts in Music with minor in education program also requires the following:

- A three credit hour U.S. Government course.
- Enrollment in MUS 10200 each semester of full-time enrollment, excluding the semester of student teaching.
- A minimum cumulative GPA of 2.75.
- Passing scores on periodic assessments of program-level student learning outcomes, including the Piano Proficiency Exam.

### Vocal/Choral Endorsement

Adding a vocal/choral endorsement to this program requires a minimum GPA of 3.0 for the following courses: two credit hours of MUS 110XX-MUS 210XX; four credit

hours of MUS 12400, MUS 12500, and/or private voice lessons; MUS 37000; MUS 37500; MUS 37900; and MUS 38500.

## K-12 EDUCATION IN MUSIC VOCAL/CHORAL

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*62 credit hours Music-Vocal/Choral*

*44-46 credit hours K-12 Education Minor*

### Requirements

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For students seeking K-12 certification in vocal/choral music, the Bachelor of Arts in Music degree can be combined with a Minor in Education. This program requires a minimum GPA of 3.0 for the following courses:

MUS 14100	Music Theory I
MUS 21400	Piano Proficiency I
MUS 21500	Piano Proficiency II
MUS 24200	Music Theory II
MUS 25000	Introduction to Music Technology
MUS 32500	Keyboard Techniques
MUS 35500	History of Western Music I
MUS 35600	History of Western Music II
MUS 35700	World Music

*Note: MUS 35500 and MUS 35600 may be used to satisfy the GE-CrsClt requirements. MUS 35700 may be used to satisfy the GE-Fine Art requirement.*

MUS 37000	Choral Composition and Arranging
MUS 37500	Choral Techniques and Literature
MUS 37900	Vocal Pedagogy and Literature
MUS 38300	Introduction to Conducting
MUS 38500	Advanced Conducting-Choral

### Instrumental Techniques

Two credit hours selected from the following options:

MUS 22100	Woodwind Techniques
MUS 22200	Brass Techniques
MUS 22300	Percussion Techniques
MUS 22400	String Techniques
MUS 22600	Guitar Techniques

### Private Lessons

Four credit hours selected from the following options:

MUS 10462	Private Lessons: Voice
MUS 20462	Private Lessons: Voice

Four credit hours selected from the following options:

MUS 30462	Private Lessons: Voice
MUS 40462	Private Lessons: Voice

### Ensemble

Six credit hours of large choral ensemble selected from the following options:

MUS 110XX	Large Ensemble - Choral
MUS 210XX	Large Ensemble - Choral

Two credit hours of small choral ensemble selected from the following options:

MUS 113XX	Small Ensemble - Vocal
MUS 213XX	Small Ensemble - Vocal

### Capstone

MUS 48800	Senior Recital
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### Methods of Teaching

EDU 32300	Methods of Teaching Elementary School Music
EDU 33800	Secondary Methods of Teaching Music
MUS 27200	Content and Standards for K-12 Music Education

The Bachelor of Arts in Music with minor in education program also requires the following:

- A three credit hour U.S. Government course.
- Enrollment in MUS 10200 each semester of full-time enrollment, excluding the semester of student teaching.
- A minimum cumulative GPA of 2.75.
- Passing scores on periodic assessments of program-level student learning outcomes, including the Piano Proficiency Exam.

### Instrumental Endorsement

Adding an instrumental endorsement to this program requires a minimum GPA of 3.0 for the following courses: two credit hours of MUS 109XX-MUS 209XX; two credit hours of private instrumental lessons; MUS 22100, MUS 22200, MUS 22300, MUS 22400, and MUS 22600; MUS 36000; MUS 36500; and MUS 38400.

## K-12 EDUCATION IN PHYSICAL EDUCATION

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*56 credit hours Bachelor of Arts in Physical Education*

*38-40 credit hours K-12 Education Minor*

### Requirements

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Course requirements for K-12 certification in physical education are as follows:

EXS 31500	Physiology of Exercise
EXS 32500	Biomechanics
HFS 16000	First Aid/CPR/Sport Injuries
HFS 20000	Health and Nutrition
HFS 22000	Motor Learning and Rhythmic Activity
HFS 30500	Measurement & Evaluation in Physical

	Education
HFS 40000	Adapted Physical Education
PE 15000	Foundations of Physical Education
PE 31800	Coaching with Character
PE 32000	Psychological and Sociological Aspects of Physical Education
PE 33500	Methods of Elementary Physical Education
PE 33600	Methods of Intermediate Physical Education

One of the following:

HFS 20700	Human Anatomy and Physiology
BSC 22700	Human Anatomy and Physiology I
EXS 28000	Applied Anatomy

Additional course requirements include:

BSC 10000	Concepts in Biology
CHM 10000	Concepts in Chemistry
PSY 10000	Principles of Psychology

Plus three credit hours of math coursework; MTH 14100 or MTH 14800 is recommended.

Plus four credit hours of coursework in Team or Lifetime Sports selected from the following list of courses:

#### **Team Sports**

PE 10000	Team Sports (Competitive Sports)
PE 10100	Recreational Sports I
PE 10200	Recreational Sports II
PE 10300	Volleyball
PE 10400	Softball
PE 10500	Track and Field
PE 10600	Flag Football
PE 10700	Basketball
PE 10800	Soccer
PE 10900	Wrestling
PE 11000	Golf

#### **Lifetime Sports**

PE 11200	Trap/Skeet Shooting
PE 12000	Weight Lifting I
PE 12100	Weight Lifting II
PE 12200	Orienteering
PE 12600	Aerobic Fitness
PE 12700	Swimming I
PE 12900	Lifeguarding
PE 13000	Water Aerobics
PE 13100	Bowling
PE 13200	Lifetime Sports
PE 13300	Tennis I
PE 13400	Tennis II
PE 13500	Badminton
PE 13600	Scuba
PE 13700	Archery
PE 13800	Racquetball

PE 13900	Pickleball
PE 14000	Plyometrics
PE 14100	Self Defense I
PE 14200	Cardiovascular Fitness
PE 14300	Self Defense II
PE 14400	Camping
PE 14500	Bicycling
PE 14800	Hiking
PE 14900	Canoeing
PE 15100	Table Tennis
PE 15200	Rappelling
PE 15300	Officiating of Team Sports
PE 15400	Billiards and Pool
PE 15500	Swimming II
PE 15600	Fencing
PE 15700	Advanced Lifeguarding/Lifesaving
PE 15800	Fishing and Fly Tying
PE 15900	Advanced Fishing and Fly Tying
PE 16100	Outdoor Education
PE 20300	Adventure Education and Leadership
HFS 24000	Stress Management
PE 26200	Marathon Course

#### **Methods of Teaching**

EDU 32500	Perceptual Motor Development
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#### **Health Add-On**

For students majoring in physical education wishing to obtain a health certification add-on, an additional 15 credits of coursework are required in conjunction with the physical education requirements. The courses include:

SOC 31500	Alcohol, Drugs, and Society
PSY 22000	Health Psychology
PSY 36500	Human Sexuality
HFS 30000	Community Health
EDU 27500	Secondary Methods in Health Education

#### **Health Add-on Requirements for non-PE Majors**

Any non-PE majors seeking the health add-on must complete the courses listed above as well as 14 credit hours of coursework selected from among the following options:

HFS 20000	Health and Nutrition
HFS 31000	Kinesiology of Physical Education
EXS 31500	Physiology of Exercise
HFS 20700	Human Anatomy and Physiology
	or
EXS 28000	Applied Anatomy
	or
BSC 22700	Human Anatomy and Physiology I
	and
BSC 22800	Human Anatomy and Physiology II

*Students may only select HFS 20700, EXS 28000, or BSC 22700.*

## Education Minors Offered

The Department of Education offers the following minors:

- Minor in education (non-certification)
- Minor in education (K-12)
- Minor in secondary education (9-12)
- Minor in special education

*Note: For information about the minor in special education, refer to Special Education.*

## EDUCATION MINOR (NON-CERTIFICATION)

22 credit hours

### Requirements

The minor in education without certification is designed for students who do not wish teacher certification but are pursuing a career path in a field in which they may be working with school age children.

Course requirements for the education minor without certification are as follows:

EDU 10000	Orientation to Educational Experiences
EDU 11100	School Observation
EDU 20200	Psychology of Teaching and Learning
EDU 30700	Teaching Reading in the Content Areas
EDU 34100	Education of the Exceptional Child

In addition, students must take nine credit hours of education electives.

## EDUCATION MINOR (K-12) AND SECONDARY EDUCATION (9-12)

39-41 credit hours

### Requirements

A minor in education (K-12) or a minor in secondary (9-12) education is required for students seeking secondary or K-12 education certification.

Students seeking either minor must complete the following core minor courses:

EDU 10000	Orientation to Educational Experiences
EDU 11100	School Observation
EDU 21501	Teacher Education Seminar I
EDU 20200	Psychology of Teaching and Learning
EDU 30700	Teaching Reading in the Content Areas
EDU 32100	Middle/High School Classroom Teaching and Technology
EDU 34100	Education of the Exceptional Child
EDU 34300	Middle/High School Differentiation

EDU 38000	and Classroom Management
EDU 40400	Pre-Student Teaching Practicum
EDU 41000	Advanced Measurement and Evaluation to Enhance Learning Student Teaching

In addition, students seeking K-12 certification or secondary education (9-12) certification must take at least one methods of teaching course (selected from EDU 27600 through EDU 34000), as determined by the student's content area.

*Notes: (1) The total number of credit hours required for secondary education certification is dependent on the student's major content area.*

*(2) Students in secondary education (9-12) and K-12 certification programs must officially declare a minor in either secondary education (9-12) or education (K-12) in order to be recognized for the additional educational coursework completed.*

### Special Education

Special education is both a minor and an add-on certification.

Students seeking special education certification must complete a major in early childhood education, elementary education, middle school education, or minor in secondary education (9-12) or K-12 education and, in addition, complete the requirements for the special education add-on, as listed below.

Upon completion of all coursework, the student's transcript will also reflect special education as a minor.

Courses must be carefully planned and sequenced by the student and the student's advisor, as some required courses are offered intermittently.

## SPECIAL EDUCATION K-12

### Cross-Categorical Add-On

In addition to completing the initial professional teacher certification program requirements, students seeking cross-categorical special education (K-12) certification must complete the following courses:

#### Special Education Add-On Minor

EDS 30200	Behavior Management
EDS 31800	Introduction to Teaching Children with Disabilities in Cross-Categorical Settings
EDS 32600	Methods of Teaching Children with Disabilities in Cross-Categorical Settings
EDS 33300	Speech and Language Development for the Exceptional Learner
EDS 33700	Special Education Counseling
EDS 34000	Career Development

EDS 35700	Remediation in Elementary Math
EDU 20200	Psychology of Teaching and Learning
EDU 31200	Elementary/Middle School Mathematics Methods
EDU 32100	Middle/High School Classroom Teaching and Technology
	or
EDU 32200	Elementary Classroom Teaching & Technology
EDU 32400	Assessment of Intellectual Skills
EDU 34100	Education of the Exceptional Child

*Note: courses above may require prerequisites.*

MTH 14800	Mathematical Structures for Teachers I
	or
MTH 15100	College Algebra
MTH 14900	Mathematical Structures for Teachers II

Additional courses required for the K-12 Add-On Certification and Minor:

EDU 30500	Elementary Reading Methods
EDU 30900	Analysis & Correction of Reading Disabilities
EDU 30999	Practicum: Analysis and Correction of Reading Disabilities

## Non-Certification Degrees

### EDUCATIONAL STUDIES BA

An educational studies degree is designed for those students who want to work in an educational field that does not require certification. Those students would meet the same admissions criteria and complete the same requirements as those admitted to the teacher education program with the exception of student teaching and passage of the state-mandated exit assessment. This university degree does not serve as a license to teach.

#### Requirements

EDU 10000	Orientation to Educational Experiences
EDU 11100	School Observation
EDU 20200	Psychology of Teaching and Learning
EDU 21501	Teacher Education Seminar I
EDU 31600	Language Acquisition and Development for Young Children
EDU 32100	Middle/High School Classroom Teaching and Technology
EDU 32200	Elementary Classroom Teaching & Technology
EDU 34100	Education of the Exceptional Child

EDS 30200	Behavior Management
ESOL 44000	TESOL Methods

#### Early Childhood Education Electives

EDU 31400	Utilizing Family and Community Resources
EDU 31700	Introduction to Early Childhood/Special Education
EDU 32500	Perceptual Motor Development
EDU 32700	Early Childhood Cognitive Curriculum Concepts
EDU 32900	Creative Curriculum Materials for Early Childhood/ Early Childhood Special Education Programs
EDU 34400	Elementary School Differentiation and Classroom Management
EDU 35100	Early Childhood Screening, Diagnosing and Prescribing Instruction
EDU 38000	Pre-Student Teaching Practicum

#### Elementary Education Electives

EDU 24600	Children's Literature
EDU 27600	Methods of Integrating Art, Music, and Movement in Elementary Education
EDU 30500	Elementary Reading Methods
EDU 30600	Elementary/Middle School Language Arts Methods
EDU 30900	Analysis & Correction of Reading Disabilities
EDU 30999	Practicum: Analysis and Correction of Reading Disabilities
EDU 31200	Elementary/Middle School Mathematics Methods
EDU 31300	Elementary/Middle School Social Studies Methods
EDU 31900	Elementary/Middle School Science Methods
EDU 34400	Elementary School Differentiation and Classroom Management
EDU 34500	Childhood Health, Nutrition & Safety
EDU 38000	Pre-Student Teaching Practicum

#### Middle School, K-12, and Secondary Education Electives

EDU 30700	Teaching Reading in the Content Areas
EDU 30705	Methods of Teaching Reading in the Content Areas
EDU 34300	Middle/High School Differentiation and Classroom Management
EDU 38000	Pre-Student Teaching Practicum

EDU 38500	Middle School Philosophy/Organization
EDU 38600	Middle School Curriculum/Instruction
EDU 38700	Reading/Writing Across Curriculum
EDU 38800	Middle School Psychology

## SCHOOL OF FINE AND PERFORMING ARTS

### Introduction

The School of Fine and Performing Arts offers Bachelor of Arts and Bachelor of Fine Arts programs in art and design, arts and entertainment management, dance, music, and theatre. Programs are also available that lead to Missouri teacher certification in K-12 art, K-12 dance, K-12 music, and 9-12 speech/theatre.

### Arts and Entertainment Management Department

The Department of Arts and Entertainment Management offers the following undergraduate degree:

- Bachelor of Arts in Arts and Entertainment Management

### ARTS AND ENTERTAINMENT MANAGEMENT BA

*84-95 credit hours*

#### Degree Requirements

The Bachelor of Arts in Arts and Entertainment Management requires a minimum grade of C in the following courses:

ACCT 21010	Principles of Financial Accounting
ACCT 21011	Principles of Managerial Accounting
AEM 10000	Introduction to Arts and Entertainment Management
AEM 10001	Practicum
AEM 20000	Production Management I
AEM 20001	Practicum
AEM 20500	Box Office and House Management
AEM 30000	Production Management II
AEM 30001	Practicum
AEM 40000	Production Management III
ARTH 22200	History of Western Art to 1300
ARTH 22400	History of Western Art from 1300

*Note: ARTH 22200 and ARTH 22400 may be used satisfy the GE-CrsClt requirements.*

ECON 23010      Survey of Economics

*Note: ECON 23010 may be used to satisfy a GE-SocSci requirement.*

INTL 38000	Global Business and Society
MGMT 26032	Principles of Management
MGMT 26061	Business Law I
MIS 24000	Introduction to Information Systems
MRKT 35010	Principles of Marketing
MUS 33030	Music Business I
NPA 10000	Introduction to Nonprofit Organizations

NPA 35000	and Community Service Management of Nonprofit Organizations
TA 11100	Introduction to Technical Theatre I

#### Capstone

AEM 45000      Internship

The Bachelor of Arts in Arts and Entertainment Management also requires the following:

- (1) MTH 14100 to satisfy the GE-Math requirement.
- (2) A minor in the arts and a 1-3 credit hour capstone course in the minor area of study that is approved by the corresponding department chair. Select from Art History, Dance, Fashion Design, Graphic Design, Music, Studio Art, or Theatre. A GE-Fine Art course from the minor area of study may be used to satisfy the GE-Fine Art requirement. Based on the minor and capstone course, the total major/minor hours for this degree are as follows:

- Art History Minor
- Dance Minor
- Fashion Design Minor
- Graphic Design Minor
- Music Minor
- Studio Art Minor
- Theatre Minor

- (3) Passing scores on periodic assessments of program-level student learning outcomes.

### Art and Design Department

*John Troy, Chair*

The Department of Art and Design offers the following undergraduate degree programs:

- Bachelor of Arts in Studio Art
- Bachelor of Arts in Studio Art with Minor in Psychology and Emphasis in Pre-Art Therapy
- Bachelor of Fine Arts in Studio Art
- Bachelor of Fine Arts in Studio Art with Minor in Education (K-12 Art Certification)
- Bachelor of Arts in Graphic Design
- Bachelor of Fine Arts in Graphic Design
- Bachelor of Arts in Fashion Design
- Bachelor of Fine Arts in Fashion Design

- Bachelor of Arts in Art History
- Bachelor of Arts in Art History with Emphasis in Pre-Art Conservation

The department also offers minors in studio art, art history, philosophy and the arts, graphic design, and fashion design.

### Early Access to the MA or MFA Program

With approval from the dean and Associate Provost, students may take up to nine credit hours at the graduate level during their senior year. These hours will apply toward an MA or MFA but not toward a bachelor's degree. Students must be enrolled in at least 12 credit hours of undergraduate classes each semester in which graduate courses are taken under this option.

## STUDIO ART BA

63 credit hours

### Degree Requirements

The Bachelor of Arts in Studio Art requires the following courses:

#### Studio Foundation

ART 10600	Two-Dimensional (2-D) Design
ART 10800	Color Theory
ART 12000	Introduction to Graphic Design
ART 13000	Drawing I
ART 13600	Three-Dimensional (3-D) Design
ART 33100	Figure Drawing I

#### Experimentation

Nine credit hours selected from the following options:

ART 18100	Analog Photography I
ART 18101	Digital Photography I
ART 20000	Painting I
ART 21500	Printmaking I
ART 22100	Sculpture I
ART 23400	Fibers I
ART 24000	Ceramics I

#### Art History

ARTH 22200	History of Western Art to 1300
ARTH 22400	History of Western Art from 1300

*Note: ARTH 22200 and ARTH 22400 may be used to satisfy the GE-CrsCl requirements.*

Six credit hours selected from the following options:

ARTH 35400	Nineteenth-Century Art
ARTH 35600	Baroque Art
ARTH 35700	Ancient Art
ARTH 35800	Medieval Art
ARTH 36100	Twentieth-Century Art/Modern
ARTH 36200	Twentieth-Century Art/Contemporary

ARTH 36300	Early Modern Gender Studies
ARTH 36401-36499	Topics in Non-Western Art
ARTH 36900	History of Graphic Design
ARTH 38300	Renaissance Art
ARTH 38400	Classical Myth
ARTH 38600-38699	Special Topics
ARTH 38700-38799	Special Topics
ARTH 38800-38899	Special Topics
ARTH 38900	Art Theory and Criticism
ARTH 42000	Directed Research

#### Specialization

ART 33000	Drawing II
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Fifteen credit hours of studio electives numbered 30000 or above.

#### Capstone

ART 40000	Senior Seminar
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The Bachelor of Arts in Studio Art also requires the following:

- A three credit hour DAN, MUS, or TA course to satisfy the GE-Fine Art requirement.
- Passing scores on periodic assessments of program-level student learning outcomes.

## STUDIO ART BA

### EMPHASIS IN PRE-ART THERAPY

89 credit hours

### Requirements

In addition to the requirements for the Bachelor of Arts in Studio Art, the emphasis in pre-art therapy requires the following courses:

#### Psychology and Mathematics

PSY 10000	Principles of Psychology
PSY 30300	Abnormal Psychology
MTH 14100	Basic Statistics

#### General Psychology

Three credit hours selected from the following options:

PSY 23100	Critical and Creative Thinking
PSY 23500	Death and Dying
PSY 29000-29999	Special Topics in Psychology
PSY 30800	Psychology of Women
PSY 39000-39999	Special Topics in Psychology
PSY 40400	Advanced Research Methods
PSY 45000	Psychology Practicum
PSY 48000	Independent Research



PSY 48300 Senior Thesis

#### *Clinical Psychology*

Three credit hours selected from the following options:

PSY 22000 Health Psychology  
 PSY 30900 Personality  
 PSY 31100 Behavior Modification  
 PSY 32400 Psychological Testing  
 PSY 34100 Psychotherapy  
 PSY 36500 Human Sexuality

#### *Experimental Psychology*

Three credit hours selected from the following options:

PSY 32500 Behavioral Neuroscience  
 PSY 33000 Psychology of Learning and Memory  
 PSY 33100 Cognitive Psychology  
 PSY 33200 The Psychology of Motivation and Emotion  
 PSY 33400 Social Psychology

#### *Developmental Psychology*

Three credit hours selected from the following options:

PSY 20500 Human Development  
 PSY 20800 Child Psychology  
 PSY 21000 Psychology of Parenting  
 PSY 31200 Psychology of Aging  
 PSY 31300 Psychology of Adolescence

#### *Education*

EDU 10000 Orientation to Educational Experiences  
 EDU 23300 Elementary Art Methods

## STUDIO ART BFA

*78 credit hours*

### **Degree Requirements**

The Bachelor of Fine Arts in Studio Art degree requires the following courses:

#### *Studio Foundation*

ART 10600 Two-Dimensional (2-D) Design  
 ART 10800 Color Theory  
 ART 12000 Introduction to Graphic Design  
 ART 13000 Drawing I  
 ART 13600 Three-Dimensional (3-D) Design  
 ART 33100 Figure Drawing I

#### *Experimentation*

Nine credit hours selected from the following options:

ART 18100 Analog Photography I  
 ART 18101 Digital Photography I  
 ART 20000 Painting I  
 ART 21500 Printmaking I  
 ART 22100 Sculpture I  
 ART 23400 Fibers I

ART 24000 Ceramics I

#### *Art History*

ARTH 22200 History of Western Art to 1300  
 ARTH 22400 History of Western Art from 1300

*Note: ARTH 22200 and ARTH 22400 may be used to satisfy the GE-CrsCl requirements.*

Six credit hours selected from the following options:

ARTH 35400 Nineteenth-Century Art  
 ARTH 35600 Baroque Art  
 ARTH 35700 Ancient Art  
 ARTH 35800 Medieval Art  
 ARTH 36100 Twentieth-Century Art/Modern  
 ARTH 36200 Twentieth-Century Art/Contemporary  
 ARTH 36300 Early Modern Gender Studies  
 ARTH 36401-36499 Topics in Non-Western Art  
 ARTH 36900 History of Graphic Design  
 ARTH 38300 Renaissance Art  
 ARTH 38400 Classical Myth  
 ARTH 38600-38699 Special Topics  
 ARTH 38700-38799 Special Topics  
 ARTH 38800-38899 Special Topics  
 ARTH 38900 Art Theory and Criticism  
 ARTH 42000 Directed Research

#### *Drawing*

Nine credit hours selected from the following options:

ART 33000 Drawing II  
 ART 43000 Drawing III  
 ART 43100 Drawing IV  
 ART 43200 Figure Drawing II  
 ART 43300 Figure Drawing III

#### *Specialization*

Twenty-one credit hours selected from the following:

ART 24000 Ceramics I  
 ART 34000 Ceramics II  
 ART 44000 Ceramics III  
 ART 44100 Ceramics IV  
 ART 43000 Drawing III  
 ART 43100 Drawing IV  
 ART 43200 Figure Drawing II  
 ART 43300 Figure Drawing III  
 ART 23400 Fibers I  
 ART 33400 Fibers II  
 ART 43400 Fibers III  
 ART 43410 Fibers IV  
 ART 20000 Painting I  
 ART 30000 Painting II

ART 40100	Painting III
ART 40200	Painting IV
ART 18100	Analog Photography I
ART 35000	Analog Photography II
ART 18101	Digital Photography I
ART 35001	Digital Photography II
ART 21500	Printmaking I
ART 31500	Printmaking II
ART 41500	Printmaking III
ART 41510	Printmaking IV
ART 22100	Sculpture I
ART 32000	Sculpture II
ART 42000	Sculpture III
ART 42100	Sculpture IV

**Capstone**

ART 40000	Senior Seminar
ART 46000	Exhibition

*Note: All Bachelor of Fine Arts in Studio Art candidates must present an exhibition in their final semester. Students must receive faculty approval of the exhibition content two months in advance; no work will be presented without faculty approval. Additionally, all candidates must surrender one work approved by the faculty for entry into the University collection*

The Bachelor of Fine Arts in Studio Art also requires the following:

- A three credit hour DAN, MUS, or TA course to satisfy the GE-Fine Art requirement.
- Passing scores on periodic assessments of program-level student learning outcomes.

**STUDIO ART BFA****MINOR IN EDUCATION (K-12 CERTIFICATION)**

*113 credit hours*

**Requirements**

For students seeking K-12 certification in art, the Bachelor of Fine Arts in Studio Art can be combined with a Minor in Education. This program requires a minimum GPA of 3.0 for the following courses:

**Studio Foundation**

ART 10600	Two-Dimensional (2-D) Design
ART 10800	Color Theory
ART 12000	Introduction to Graphic Design
ART 13000	Drawing I
ART 13600	Three-Dimensional (3-D) Design
ART 33100	Figure Drawing I

**Experimentation**

ART 20000	Painting I
ART 22100	Sculpture I

ART 23400	Fibers I
ART 24000	Ceramics I
ART 33000	Drawing II

**Art History**

ARTH 11000	Concepts in the Visual Arts
ARTH 22200	History of Western Art to 1300
ARTH 22400	History of Western Art from 1300

*Note: ARTH 22200 and ARTH 22400 may be used to satisfy the GE-CrsClI requirements.*

Three credit hours selected from the following options:

ARTH 35400	Nineteenth-Century Art
ARTH 35600	Baroque Art
ARTH 35700	Ancient Art
ARTH 35800	Medieval Art
ARTH 36100	Twentieth-Century Art/Modern
ARTH 36200	Twentieth-Century Art/Contemporary
ARTH 36300	Early Modern Gender Studies
ARTH 36401-36499	Topics in Non-Western Art
ARTH 36900	History of Graphic Design
ARTH 38300	Renaissance Art
ARTH 38400	Classical Myth
ARTH 38600-38699	Special Topics
ARTH 38700-38799	Special Topics
ARTH 38800-38899	Special Topics
ARTH 38900	Art Theory and Criticism
ARTH 42000	Directed Research

**Specialization**

Fifteen credit hours selected from the following options:

ART 34000	Ceramics II
ART 44000	Ceramics III
ART 44100	Ceramics IV
ART 43000	Drawing III
ART 43100	Drawing IV
ART 43200	Figure Drawing II
ART 43300	Figure Drawing III
ART 33400	Fibers II
ART 43400	Fibers III
ART 43410	Fibers IV
ART 30000	Painting II
ART 40100	Painting III
ART 40200	Painting IV
ART 18100	Analog Photography I
ART 35000	Analog Photography II
ART 18101	Digital Photography I
ART 35001	Digital Photography II
ART 21500	Printmaking I
ART 31500	Printmaking II

ART 41500	Printmaking III
ART 41510	Printmaking IV
ART 32000	Sculpture II
ART 42000	Sculpture III
ART 42100	Sculpture IV

**Capstone**

ART 40000	Senior Seminar
ART 46000	Exhibition

*Note: All Bachelor of Fine Arts in Studio Art candidates must present an exhibition in their final semester. Students must receive faculty approval of the exhibition content two months in advance; no work will be presented without faculty approval. Additionally, all candidates must surrender one work approved by the faculty for entry into the University collection.*

**Education**

EDU 10000	Orientation to Educational Experiences
EDU 11100	School Observation
EDU 20200	Psychology of Teaching and Learning
EDU 21501	Teacher Education Seminar I
EDU 23300	Elementary Art Methods
EDU 30700	Teaching Reading in the Content Areas
EDU 32100	Middle/High School Classroom Teaching and Technology
EDU 33300	Secondary Methods of Teaching Art
EDU 34100	Education of the Exceptional Child
EDU 34300	Middle/High School Differentiation and Classroom Management
EDU 38000	Pre-Student Teaching Practicum
EDU 40400	Advanced Measurement and Evaluation to Enhance Learning
EDU 41000	Student Teaching

The Bachelor of Fine Arts in Studio Art with minor in education also requires the following:

- A three credit hour DAN, MUS, or TA course to satisfy the GE-Fine Art requirement.
- A three credit hour U.S. Government course.
- A minimum cumulative GPA of 2.75.
- Passing scores on periodic assessments of program-level student learning outcomes.

**GRAPHIC DESIGN BA**

*57 credit hours*

**Requirements**

The Bachelor of Arts in Graphic Design requires the following courses:

**Foundation**

ART 10600	Two-Dimensional (2-D) Design
ART 10800	Color Theory
ART 12000	Introduction to Graphic Design

ART 13000	Drawing I
ART 13600	Three-Dimensional (3-D) Design

Three credit hours selected from the following options:

ART 33000	Drawing II
ART 33100	Figure Drawing I

**Art History**

ARTH 22200	History of Western Art to 1300
ARTH 22400	History of Western Art from 1300
ARTH 36900	History of Graphic Design

*Note: ARTH 22200 and ARTH 22400 may be used to satisfy the GE-CrsClT requirements.*

Three credit hours selected from the following options:

ARTH 36100	Twentieth-Century Art/Modern
ARTH 36200	Twentieth-Century Art/Contemporary

**Specialization**

ART 25000	Typography
ART 30600	Digital Imaging
ART 30800	Digital Illustration
ART 31000	Print Design and Production
ART 32200	Motion Graphics
COM 23300	Fundamentals of the Internet
COM 33400	Web Design

**Capstone**

ART 40000	Senior Seminar
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The Bachelor of Arts in Graphic Design also requires the following:

- A three credit hour DAN, MUS, or TA course to satisfy the GE-Fine Art requirement.
- Passing scores on periodic assessments of program-level student learning outcomes.

**GRAPHIC DESIGN BFA**

*87 credit hours*

**Requirements**

The Bachelor of Fine Arts in Graphic Design requires the following courses:

**Studio Foundation**

ART 10600	Two-Dimensional (2-D) Design
ART 10800	Color Theory
ART 12000	Introduction to Graphic Design
ART 13000	Drawing I
ART 13600	Three-Dimensional (3-D) Design

Three credit hours selected from the following options:

ART 33000	Drawing II
ART 33100	Figure Drawing I

**Experimentation**

Six credit hours of studio ART electives and three credit hours selected from the following options:

ART 18100	Analog Photography I
ART 18101	Digital Photography I

**Art History**

ARTH 22200	History of Western Art to 1300
ARTH 22400	History of Western Art from 1300
ARTH 36900	History of Graphic Design

*Note: ARTH 22200 and ARTH 22400 may be used to satisfy the GE-CrsClt requirements.*

Three credit hours selected from the following options:

ARTH 36100	Twentieth-Century Art/Modern
ARTH 36200	Twentieth-Century Art/Contemporary

**Specialization**

ART 21500	Printmaking I
ART 25000	Typography
ART 30600	Digital Imaging
ART 30800	Digital Illustration
ART 31000	Print Design and Production
ART 32200	Motion Graphics
ART 41800	Graphic Design Portfolio
ART 41900	Graphic Design Studio
COM 23300	Fundamentals of the Internet
COM 33400	Web Design
COM 33600	3D Graphics

Three credit hours selected from the following options:

COM 44300	Interactive Web Development
COM 44401	Advanced Interactive Scripting

**Capstone**

ART 40000	Senior Seminar
ART 46000	Exhibition
ART 46500	Art Internship

*Note: All Bachelor of Fine Arts in Graphic Design candidates must present an exhibition in their final semester. Students must receive faculty approval of the exhibition content two months in advance; no work will be presented without faculty approval. Additionally, all candidates must surrender one work approved by the faculty for entry into the University collection.*

The Bachelor of Fine Arts in Graphic Design also requires the following:

- A three credit hour DAN, MUS, or TA course to satisfy the GE-Fine Art requirement.
- Passing scores on periodic assessments of program-level student learning outcomes.

**FASHION DESIGN BA**

*57 credit hours*

**Requirements**

The Bachelor of Arts in Fashion Design requires the following courses:

**Studio Foundation**

ART 10600	Two-Dimensional (2-D) Design
ART 10800	Color Theory
ART 12000	Introduction to Graphic Design
ART 13000	Drawing I
ART 13600	Three-Dimensional (3-D) Design
ART 33100	Figure Drawing I

**Art History**

ARTH 22200	History of Western Art to 1300
ARTH 22400	History of Western Art from 1300
ARTH 37200	History of Costume to 1900
ARTH 37300	History of Costume from 1900

*Note: ARTH 22200 and ARTH 22400 may be used to satisfy the GE-CrsClt requirements.*

**Specialization**

FD 20000	Introduction to Fashion Design
FD 21000	Textile Science
FD 21100	Apparel Design I: Draping
FD 31200	Apparel Design II: Patternmaking
FD 31300	Apparel Design III: Mini Collections
FD 31600	Fashion Illustration
FD 45000	Portfolio Design

**Capstone**

FD 48700	Senior Collection I
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**Other Requirements**

The Bachelor of Arts in Fashion Design also requires the following:

- A three credit hour DAN, MUS, or TA course to satisfy the GE-Fine Art requirement.
- Enrollment in FD 10200 each semester of full-time enrollment.
- Passing scores on periodic assessments of program-level student learning outcomes.

## FASHION DESIGN BFA

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90 credit hours

### Requirements

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The Bachelor of Fine Arts in Fashion Design requires the following courses:

#### Studio Foundation

ART 10600	Two-Dimensional (2-D) Design
ART 10800	Color Theory
ART 12000	Introduction to Graphic Design
ART 13000	Drawing I
ART 13600	Three-Dimensional (3-D) Design
ART 33100	Figure Drawing I

#### Experimentation

Nine credit hours of ART, EDU, or FD electives

#### Art History

ARTH 22200	History of Western Art to 1300
ARTH 22400	History of Western Art from 1300
ARTH 37200	History of Costume to 1900
ARTH 37300	History of Costume from 1900

*Note: ARTH 22200 and ARTH 22400 may be used to satisfy the GE-CrsCl requirements.*

#### Specialization

FD 20000	Introduction to Fashion Design
FD 21000	Textile Science
FD 21100	Apparel Design I: Draping
FD 31200	Apparel Design II: Patternmaking
FD 31300	Apparel Design III: Mini Collections
FD 31600	Fashion Illustration
FD 35000	Computer-Aided Design I: Apparel Design
FD 35100	Computer-Aided Design II: Textile Design
FD 35200	Computer-Aided Design III: Patternmaking
FD 37600	Fashion Accessories
FD 38500	Fashion Business and Entrepreneurship
FD 41400	Apparel Design IV: Technical Design

#### Capstone

FD 45000	Portfolio Design
FD 46500	Fashion Internship
FD 48700	Senior Collection I
FD 48800	Senior Collection II

#### Other Requirements

The Bachelor of Fine Arts in Fashion Design also requires the following:

- A three credit hour DAN, MUS, or TA course to satisfy the GE-Fine Art requirement.
- Enrollment in FD 10200 each semester of full-time enrollment, excluding the semester of internship.
- Passing scores on periodic assessments of program-level student learning outcomes.

## ART HISTORY BA

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39 credit hours

### Requirements

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The Bachelor of Arts in Art History requires the following courses:

#### Studio Foundation

ART 10600	Two-Dimensional (2-D) Design
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#### Art History Foundation

ARTH 22200	History of Western Art to 1300
ARTH 22400	History of Western Art from 1300
ARTH 22600	History of Non-Western Art

#### Pre-1800 Art History

Six credit hours selected from the following options:

ARTH 35600	Baroque Art
ARTH 35700	Ancient Art
ARTH 35800	Medieval Art
ARTH 38300	Renaissance Art

#### Post-1800 Art History

Six credit hours selected from the following options:

ARTH 35400	Nineteenth-Century Art
ARTH 36100	Twentieth-Century Art/Modern
ARTH 36200	Twentieth-Century Art/Contemporary

#### Art History Electives

Six credit hours selected from the following options:

ARTH 35400	Nineteenth-Century Art
ARTH 35600	Baroque Art
ARTH 35700	Ancient Art
ARTH 35800	Medieval Art
ARTH 36100	Twentieth-Century Art/Modern
ARTH 36200	Twentieth-Century Art/Contemporary
ARTH 36300	Early Modern Gender Studies
ARTH 36401-36499	Topics in Non-Western Art
ARTH 36900	History of Graphic Design

ARTH 37200	History of Costume to 1900
ARTH 37300	History of Costume from 1900
ARTH 38300	Renaissance Art
ARTH 38400	Classical Myth
ARTH 38600-38699	Special Topics
ARTH 38700-38799	Special Topics
ARTH 38800-38899	Special Topics
ARTH 38900	Art Theory and Criticism
ARTH 42000	Directed Research
<i>Capstone</i>	
ARTH 41000	Research Methods of Art History
ARTH 46500	Art History Internship

The Bachelor of Arts in Art History also requires the following:

- A three credit hour DAN, MUS, or TA course to satisfy the GE-Fine Art requirement.
- Passing scores on periodic assessments of program-level student learning outcomes.
- Foreign Language is strongly recommended.

## ART HISTORY BA

### EMPHASIS IN PRE-ART CONSERVATION

*94 credit hours*

#### Requirements

*36 credit hours in art history*

*Studio Foundation (minimum grade of C)*

ART 10600	Two-Dimensional (2-D) Design
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*Art History Foundation (minimum grade of C)*

ARTH 22200	History of Western Art to 1300
ARTH 22400	History of Western Art from 1300
ARTH 22600	History of Non-Western Art

*Pre-1800 Art History*

Six credit hours selected from the following options:

ARTH 35600	Baroque Art
ARTH 35700	Ancient Art
ARTH 35800	Medieval Art
ARTH 38300	Renaissance Art

*Post-1800 Art History*

Six credit hours selected from the following options:

ARTH 35400	Nineteenth-Century Art
ARTH 36100	Twentieth-Century Art/Modern
ARTH 36200	Twentieth-Century Art/Contemporary

Also required is a three credit hour ARTH course numbered 30000 or above.

#### *Research Methods*

ARTH 41000	Research Methods of Art History
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*Internship in Museum Studies (6 credit hours; 400 total clock hours)*

ARTH 46500	Art History Internship
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*Chemistry (minimum grade of C)*

*22 credit hours*

CHM 23000	General Chemistry 1
CHM 23100	General Chemistry 2
CHM 23200	General Chemistry 3
CHM 24100	General Chemistry 2 Laboratory
CHM 24200	General Chemistry 3 Laboratory
CHM 35500	Analytical Chemistry
CHM 36100	Organic Chemistry I

Plus a 3 credit hour CHM course numbered 30000 or above.

*Studio Art (minimum grade of C)*

*18 credit hours*

ART 10800	Color Theory
ART 12000	Introduction to Graphic Design
ART 13000	Drawing I
ART 13600	Three-Dimensional (3-D) Design
ART 20000	Painting I
ART 33100	Figure Drawing I

#### *Math*

Six credit hours (satisfies the GE-Mathematics requirement)

MTH 15100	College Algebra
MTH 24100	Statistics for Natural Science

The Bachelor of Arts in Art History with emphasis in pre-art conservation also requires the following:

- Six credit hours of foreign language are required to satisfy the GE-Cross-Cultural requirement.
- An ANT course is required to satisfy one of the GE-Social Sciences requirements.
- A three credit hour DAN, MUS, or TA course to satisfy the GE-Fine Art requirement.
- CHM 23000 can be used to satisfy one of the GE-Science requirements.
- HIS 10500 or HIS 10600 are preferred to satisfy the GE-American Government/ History requirement.
- HIS 22100 is preferred to satisfy the GE-World History requirement.
- Passing scores on periodic assessments of program-level student learning outcomes.

**STUDIO ART MINOR**

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*27 credit hours***Requirements**

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The minor in studio art requires the following courses:

ART 10600	Two-Dimensional (2-D) Design
ART 10800	Color Theory
ART 12000	Introduction to Graphic Design
ART 13000	Drawing I
ART 13600	Three-Dimensional (3-D) Design
ART 33100	Figure Drawing I
ARTH 22200	History of Western Art to 1300
ARTH 22400	History of Western Art from 1300

Three credit hours selected from the following options:

ART 18100	Analog Photography I
ART 18101	Digital Photography I
ART 20000	Painting I
ART 24000	Ceramics I
ART 21500	Printmaking I
ART 23400	Fibers I

**GRAPHIC DESIGN MINOR**

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*27 credit hours***Requirements**

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The minor in graphic design requires the following courses:

ART 10600	Two-Dimensional (2-D) Design
ART 10800	Color Theory
ART 12000	Introduction to Graphic Design
ART 13000	Drawing I
ART 25000	Typography
ART 30600	Digital Imaging
ART 30800	Digital Illustration
ART 31000	Print Design and Production
COM 23300	Fundamentals of the Internet

**FASHION DESIGN MINOR**

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*24 credit hours*

The minor in fashion design requires the following courses:

ART 13000	Drawing I
ART 33100	Figure Drawing I
FD 20000	Introduction to Fashion Design
FD 21000	Textile Science
FD 21100	Apparel Design I: Draping
FD 31200	Apparel Design II: Patternmaking
FD 31300	Apparel Design III: Mini Collections
FD 31600	Fashion Illustration

Plus four semesters of a passing grade in FD 10200.

**ART HISTORY MINOR**

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*18 credit hours***Requirements**

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The minor in art history requires the following courses:

ARTH 22200	History of Western Art to 1300
ARTH 22400	History of Western Art from 1300

Three credit hours of Pre-1800 Art History selected from the following options:

ARTH 35600	Baroque Art
ARTH 35700	Ancient Art
ARTH 35800	Medieval Art
ARTH 38300	Renaissance Art

Three credit hours of Post-1800 Art History selected from the following options:

ARTH 35400	Nineteenth-Century Art
ARTH 36100	Twentieth-Century Art/Modern
ARTH 36200	Twentieth-Century Art/Contemporary
ARTH 36300	Early Modern Gender Studies

Six credit hours selected from the following options:

ARTH 22600	History of Non-Western Art
ARTH 35400	Nineteenth-Century Art
ARTH 35600	Baroque Art
ARTH 35700	Ancient Art
ARTH 35800	Medieval Art
ARTH 36100	Twentieth-Century Art/Modern
ARTH 36200	Twentieth-Century Art/Contemporary
ARTH 36300	Early Modern Gender Studies
ARTH 36401-36499	Topics in Non-Western Art
ARTH 36900	History of Graphic Design
ARTH 38300	Renaissance Art
ARTH 38400	Classical Myth
ARTH 38600-38699	Special Topics
ARTH 38700-38799	Special Topics
ARTH 38800-38899	Special Topics
ARTH 38900	Art Theory and Criticism
ARTH 42000	Directed Research
ARTH 46500	Art History Internship

## PHILOSOPHY AND THE ARTS MINOR

*18 credit hours*

The minor in philosophy and the arts provides students interested in the philosophical and aesthetic, historical, and practical aspects of the arts, a way in which to engage with it through respective coursework grouped into pairs that elaborate on each theme from different perspectives and methodological approaches. The topics chosen by students complement one another in subject matter and provide the foundation for further studies in a particular degree path associated with their given interests.

### Requirements

The minor in philosophy and the arts requires the successful completion of 18 credit hours of course work.

Two required courses in aesthetics:

ARTH 38900	Art Theory and Criticism
PHL 26000	Philosophy of Art

Six credit hours selected from the following options:

ARTH 22200	History of Western Art to 1300
ARTH 22400	History of Western Art from 1300
PHL 31100	Ancient Philosophy
PHL 31200	Medieval Philosophy
PHL 31300	Modern Philosophy

Six credit hours selected from the following options:

ART 10600	Two-Dimensional (2-D) Design
COM 14000	Introduction to Cinema Arts
COM 37000	History of Film
COM 37600	Asian Cinema
DAN 10100	Introduction to Dance
DAN 17100	Dance as an Art
DAN 27100	Dance History
MUS 11800	Music Theory for Non-Majors
MUS 15000	Music in America
MUS 15500	Jazz History
MUS 16500	Introduction to Music Literature
TA 37100	History of Theatre I
TA 37200	History of Theatre II

*Selected special topics courses may be substituted with permission of the dean.*

## Dance Department

*Janet Strzelec, Chair*

The Department of Dance offers the following undergraduate degree programs:

- Bachelor of Arts in Dance
- Bachelor of Arts in Dance with Minor in Education (K-12 Dance Certification)

- Bachelor of Fine Arts in Dance

The department also offers a minor in dance.

## DANCE BA

*56 credit hours*

### Requirements

The Bachelor of Arts in Dance requires a minimum grade of C in the following courses:

#### Orientation

DAN 17000	First Year Seminar in Dance
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#### Ballet

Eight credit hours of ballet:

DAN 10010	Ballet I: Beginning Level
DAN 10011	Ballet I: Intermediate Level
DAN 10012	Ballet I: Advanced Level
DAN 20011	Ballet II: Intermediate Level
DAN 20012	Ballet II: Advanced Level
DAN 30011	Ballet III: Intermediate Level
DAN 30012	Ballet III: Advanced Level
DAN 40012	Ballet IV: Advanced Level

#### Contemporary, Jazz, and Tap

Four credit hours in a second area of technique, two credit hours in a third area of technique, and two credit hours in a fourth area of technique selected from the following options:

DAN 10021	Contemporary I: Intermediate Level
DAN 10022	Contemporary I: Advanced Level
DAN 10031	Jazz I: Intermediate Level
DAN 10032	Jazz I: Advanced Level
DAN 10041	Tap I: Intermediate Level
DAN 10042	Tap I: Advanced Level
DAN 20021	Contemporary II: Intermediate Level
DAN 20022	Contemporary II: Advanced Level
DAN 20031	Jazz II: Intermediate Level
DAN 20032	Jazz II: Advanced Level
DAN 20041	Tap II: Intermediate Level
DAN 20042	Tap II: Advanced Level
DAN 30021	Contemporary III: Intermediate Level
DAN 30022	Contemporary III: Advanced Level
DAN 30031	Jazz III: Intermediate Level
DAN 30032	Jazz III: Advanced Level
DAN 30041	Tap III: Intermediate Level
DAN 30042	Tap III: Advanced Level
DAN 40022	Contemporary IV: Advanced Level
DAN 40032	Jazz IV: Advanced Level
DAN 40042	Tap IV: Advanced Level



**Performance Practicum**

Two credit hours selected from the following options:

DAN 30300	Dance Performance Practicum
DAN 37500	University Dance Ensemble

**Theory and Composition**

DAN 20050	Dance Theory and Composition I
DAN 20055	Dance Theory and Composition II
MUS 11800	Music Theory for Non-Majors
TA 11100	Introduction to Technical Theatre I

**Composition Practicum**

Two credit hours selected from the following options:

DAN 30350	Dance Composition Practicum
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**Anatomy and Kinesiology**

DAN 26000	Anatomy for Dancers
DAN 36000	Dance Kinesiology

**History**

DAN 17100	Dance as an Art
DAN 27100	Dance History
DAN 37100	Dance in the 21st Century

*Note: DAN 17100 and DAN 37100 may be used to satisfy the GE-CrsClt requirements.*

**Special Topics**

Three credit hours selected from the following options:

DAN 19000-19099	Special Topics in Dance
DAN 29000-29099	Special Topics in Dance
DAN 39000-39099	Special Topics in Dance
DAN 49000-49099	Special Topics in Dance

**Capstone**

DAN 47000	Senior Seminar in Dance
DAN 47200	Senior Project

The Bachelor of Arts in Dance also requires the following:

- A three credit hour ART, ARTH, MUS, or TA course to satisfy the GE-Fine Art requirement.
- Passing scores on periodic assessments of program-level student learning outcomes.

**DANCE BA****MINOR IN EDUCATION (K-12 DANCE CERTIFICATION)**

*116 credit hours*

**Requirements**

For students seeking K-12 certification in dance, the Bachelor of Arts in Dance can be combined with a minor in education. This program requires a minimum GPA of 3.0 for the following courses:

**Orientation**

DAN 17000	First Year Seminar in Dance
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**Technique**

Six credit hours of Ballet:

DAN 10010	Ballet I: Beginning Level
DAN 10011	Ballet I: Intermediate Level
DAN 10012	Ballet I: Advanced Level
DAN 20011	Ballet II: Intermediate Level
DAN 20012	Ballet II: Advanced Level
DAN 30011	Ballet III: Intermediate Level
DAN 30012	Ballet III: Advanced Level
DAN 40012	Ballet IV: Advanced Level

**Contemporary**

Six hours of contemporary:

DAN 10020	Contemporary I: Beginning Level
DAN 10021	Contemporary I: Intermediate Level
DAN 10022	Contemporary I: Advanced Level
DAN 20021	Contemporary II: Intermediate Level
DAN 20022	Contemporary II: Advanced Level
DAN 30021	Contemporary III: Intermediate Level
DAN 30022	Contemporary III: Advanced Level
DAN 40022	Contemporary IV: Advanced Level

Six credit hours selected from the following options:

DAN 10030	Jazz I: Beginning Level
DAN 10031	Jazz I: Intermediate Level
DAN 10032	Jazz I: Advanced Level
DAN 10040	Tap I: Beginning Level
DAN 10041	Tap I: Intermediate Level
DAN 10042	Tap I: Advanced Level
DAN 20031	Jazz II: Intermediate Level
DAN 20032	Jazz II: Advanced Level
DAN 20041	Tap II: Intermediate Level
DAN 20042	Tap II: Advanced Level
DAN 30031	Jazz III: Intermediate Level
DAN 30032	Jazz III: Advanced Level
DAN 30041	Tap III: Intermediate Level

DAN 30042 Tap III: Advanced Level  
 DAN 40032 Jazz IV: Advanced Level  
 DAN 40042 Tap IV: Advanced Level

**Performance Practicum**

Two credit hours selected from the following options:

DAN 30300 Dance Performance Practicum  
 DAN 37500 University Dance Ensemble

**Theory and Composition**

DAN 20050 Dance Theory and Composition I  
 DAN 20055 Dance Theory and Composition II  
 MUS 11800 Music Theory for Non-Majors  
 TA 11100 Introduction to Technical Theatre I

**Composition Practicum**

Two credit hours selected from the following options:

DAN 30350 Dance Composition Practicum

**Anatomy and Kinesiology**

DAN 26000 Anatomy for Dancers  
 DAN 36000 Dance Kinesiology

**History**

DAN 17100 Dance as an Art  
 DAN 27100 Dance History  
 DAN 37100 Dance in the 21st Century

*Note: DAN 17100 and DAN 37100 may be used to satisfy the GE-CrsClt requirements.*

**Special Topics**

Three credit hours selected from the following options:

DAN 19000-19099 Special Topics in Dance  
 DAN 29000-29099 Special Topics in Dance  
 DAN 39000-39099 Special Topics in Dance  
 DAN 49000-49099 Special Topics in Dance

**Capstone**

DAN 47000 Senior Seminar in Dance  
 DAN 47200 Senior Project

**Education**

DAN 27200 Content and Standards for K-12 Dance Education  
 EDU 10000 Orientation to Educational Experiences  
 EDU 11100 School Observation  
 EDU 20200 Psychology of Teaching and Learning  
 EDU 21501 Teacher Education Seminar I  
 EDU 30700 Teaching Reading in the Content Areas

EDU 32100 Middle/High School Classroom Teaching and Technology  
 EDU 32310 Methods of Teaching Elementary School Dance  
 EDU 34100 Education of the Exceptional Child  
 EDU 34300 Middle/High School Differentiation and Classroom Management  
 EDU 37200 Secondary Methods of Teaching Dance  
 EDU 38000 Pre-Student Teaching Practicum  
 EDU 40400 Advanced Measurement and Evaluation to Enhance Learning  
 EDU 41000 Student Teaching

**Special General Education Courses**

BSC 10000 Concepts in Biology  
 CHM 10000 Concepts in Chemistry  
 MTH 14100 Basic Statistics

The Bachelor of Arts in Dance with minor in education also requires the following:

- A three credit hour ART, ARTH, MUS, or TA course to satisfy the GE-Fine Art requirement.
- A three credit hour U.S. Government course.
- A minimum GPA of 2.75 for all GE courses.
- A minimum cumulative GPA of 2.75.
- Passing scores on periodic assessments of program-level student learning outcomes.

**DANCE BFA**

*86 credit hours*

**Requirements**

The Bachelor of Fine Arts in Dance requires a minimum grade of C in the following courses. Candidates must declare Ballet or Contemporary Dance as a specialization.

**First Year Seminar**

DAN 17000 First Year Seminar in Dance

**Ballet and Contemporary**

Sixteen credit hours of specialization (ballet or contemporary) and six credit hours of secondary area (ballet or contemporary):

DAN 10010 Ballet I: Beginning Level  
 DAN 10011 Ballet I: Intermediate Level  
 DAN 10012 Ballet I: Advanced Level  
 DAN 10020 Contemporary I: Beginning Level  
 DAN 10021 Contemporary I: Intermediate Level  
 DAN 10022 Contemporary I: Advanced Level  
 DAN 20011 Ballet II: Intermediate Level  
 DAN 20012 Ballet II: Advanced Level

DAN 20021	Contemporary II: Intermediate Level
DAN 20022	Contemporary II: Advanced Level
DAN 30011	Ballet III: Intermediate Level
DAN 30012	Ballet III: Advanced Level
DAN 30021	Contemporary III: Intermediate Level
DAN 30022	Contemporary III: Advanced Level
DAN 40012	Ballet IV: Advanced Level
DAN 40022	Contemporary IV: Advanced Level

**Jazz**

Four credit hours selected from the following options:

DAN 10030	Jazz I: Beginning Level
DAN 10031	Jazz I: Intermediate Level
DAN 10032	Jazz I: Advanced Level
DAN 20031	Jazz II: Intermediate Level
DAN 20032	Jazz II: Advanced Level
DAN 30031	Jazz III: Intermediate Level
DAN 30032	Jazz III: Advanced Level
DAN 40032	Jazz IV: Advanced Level

**Tap**

Two credit hours selected from the following options:

DAN 10040	Tap I: Beginning Level
DAN 10041	Tap I: Intermediate Level
DAN 10042	Tap I: Advanced Level
DAN 20041	Tap II: Intermediate Level
DAN 20042	Tap II: Advanced Level
DAN 30041	Tap III: Intermediate Level
DAN 30042	Tap III: Advanced Level
DAN 40042	Tap IV: Advanced Level

**Performance Practicum**

Two credit hours selected from the following options:

DAN 30300	Dance Performance Practicum
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**Ensemble**

Two credit hours of University Dance Ensemble:

DAN 37500	University Dance Ensemble
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**Theory and Composition**

DAN 20050	Dance Theory and Composition I
DAN 20055	Dance Theory and Composition II
DAN 30050	Dance Theory and Composition III
DAN 30055	Dance Theory and Composition IV
MUS 11800	Music Theory for Non-Majors
TA 11100	Introduction to Technical Theatre I

Two credit hours selected from the following options:

DAN 30350	Dance Composition Practicum
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**Anatomy and Kinesiology**

DAN 26000	Anatomy for Dancers
DAN 36000	Dance Kinesiology

**History, Technology, and Criticism**

DAN 17100	Dance as an Art
DAN 27100	Dance History
DAN 37100	Dance in the 21st Century
DAN 37400	Dance and Technology
DAN 47100	Dance Criticism

*Note: DAN 17100 and DAN 37100 may be used to satisfy the GE-CrsClt requirements.*

**Pedagogy**

DAN 37200	Dance Pedagogy
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**Special Topics**

Six credit hours selected from the following options:

DAN 19000-19099	Special Topics in Dance
DAN 29000-29099	Special Topics in Dance
DAN 39000-39099	Special Topics in Dance
DAN 49000-49099	Special Topics in Dance

**Capstone**

DAN 47000	Senior Seminar in Dance
DAN 47200	Senior Project

The Bachelor of Fine Arts in Dance also requires the following:

- TA 10500 to satisfy the GE-Fine Art requirement.
- Passing scores on periodic assessments of program-level student learning outcomes.

**DANCE MINOR**

*27 credit hours*

**Requirements**

The minor in dance requires a minimum grade of C in the following courses:

Six credit hours of ballet selected from the following options (courses are repeatable for credit):

DAN 10010	Ballet I: Beginning Level
DAN 10011	Ballet I: Intermediate Level
DAN 10012	Ballet I: Advanced Level
DAN 20011	Ballet II: Intermediate Level
DAN 20012	Ballet II: Advanced Level
DAN 30011	Ballet III: Intermediate Level
DAN 30012	Ballet III: Advanced Level

Four credit hours of contemporary dance selected from the following options (courses are repeatable for credit):

DAN 10020	Contemporary I: Beginning Level
DAN 10021	Contemporary I: Intermediate Level

DAN 10022	Contemporary I: Advanced Level
DAN 20021	Contemporary II: Intermediate Level
DAN 20022	Contemporary II: Advanced Level
DAN 30021	Contemporary III: Intermediate Level
DAN 30022	Contemporary III: Advanced Level

Four credit hours of jazz dance selected from the following options (courses are repeatable for credit):

DAN 10030	Jazz I: Beginning Level
DAN 10031	Jazz I: Intermediate Level
DAN 10032	Jazz I: Advanced Level
DAN 20031	Jazz II: Intermediate Level
DAN 20032	Jazz II: Advanced Level
DAN 30031	Jazz III: Intermediate Level
DAN 30032	Jazz III: Advanced Level

Two credit hours of tap dance selected from the following options (courses are repeatable for credit):

DAN 10040	Tap I: Beginning Level
DAN 10041	Tap I: Intermediate Level
DAN 10042	Tap I: Advanced Level
DAN 20041	Tap II: Intermediate Level
DAN 20042	Tap II: Advanced Level
DAN 30041	Tap III: Intermediate Level
DAN 30042	Tap III: Advanced Level

Two credit hours of dance theory and composition:

DAN 20050	Dance Theory and Composition I
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Three credit hours of dance history selected from the following options:

DAN 17100	Dance as an Art
DAN 37100	Dance in the 21st Century

Three credit hours of special topics in dance selected from the following options:

DAN 19000-19099	Special Topics in Dance
DAN 29000-29099	Special Topics in Dance
DAN 39000-39099	Special Topics in Dance
DAN 49000-49099	Special Topics in Dance

Three credit hours of practicum selected from the following options:

DAN 30300	Dance Performance Practicum
DAN 30350	Dance Composition Practicum
DAN 37500	University Dance Ensemble

## Music Department

*Pamela Grooms, Chair*

The Department of Music offers the following undergraduate degree programs:

- Bachelor of Arts in Music
- Bachelor of Arts in Music with Minor in Education (K-12 Instrumental and/or Vocal/Choral Certification)

- Bachelor of Arts in Music Performance—Instrumental
- Bachelor of Arts in Music Performance—Vocal
- Bachelor of Arts in Music Business

The department also offers minors in music and music composition.

## MUSIC BA

*55 credit hours*

### Requirements

The Bachelor of Arts in Music requires a minimum grade of C in the following major courses:

#### *Private Lessons*

Four credit hours of private lessons selected from the following options:

MUS 104XX	Private Lessons
MUS 204XX	Private Lessons

Four credit hours of private lessons selected from the following options:

MUS 304XX	Private Lessons
MUS 404XX	Private Lessons

#### *Ensemble*

Four credit hours of large instrumental or choral ensemble selected from the following options:

MUS 109XX	Large Ensemble - Instrumental
MUS 209XX	Large Ensemble - Instrumental
MUS 110XX	Large Ensemble - Choral
MUS 210XX	Large Ensemble - Choral

#### *Piano*

MUS 21400	Piano Proficiency I
MUS 21500	Piano Proficiency II

#### *Theory and History*

MUS 14100	Music Theory I
MUS 24200	Music Theory II
MUS 25000	Introduction to Music Technology
MUS 35500	History of Western Music I
MUS 35600	History of Western Music II
MUS 35700	World Music

#### *Music Electives*

Fifteen credit hours of MUS courses numbered 30000 or above, including nine credit hours of musicianship courses and six credit hours of performance or other music electives

#### *Capstone*

MUS 48800	Senior Recital
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The Bachelor of Arts in Music also requires the following:

- A three credit hour ART, ARTH, DAN, or TA course to satisfy the GE-Fine Art requirement.
- Enrollment in MUS 10200 each semester of full-time enrollment.
- Passing scores on periodic assessments of program-level student learning outcomes, including the Piano Proficiency Exam.

## MUSIC BA MINOR IN EDUCATION (K-12 VOCAL/CHORAL CERTIFICATION)

106 credit hours

### Requirements

For students seeking K-12 certification in vocal/choral music, the Bachelor of Arts in Music can be combined with a minor in education. This program requires a minimum GPA of 3.0 for the following courses:

MUS 14100	Music Theory I
MUS 21400	Piano Proficiency I
MUS 21500	Piano Proficiency II
MUS 24200	Music Theory II
MUS 25000	Introduction to Music Technology
MUS 35500	History of Western Music I
MUS 35600	History of Western Music II
MUS 35700	World Music

*Note: MUS 35500 and MUS 35600 may be used to satisfy the GE-CrsClI requirements. MUS 35700 may be used to satisfy the GE-Fine Art requirement.*

MUS 37000	Choral Composition and Arranging
MUS 37500	Choral Techniques and Literature
MUS 37900	Vocal Pedagogy and Literature
MUS 38300	Introduction to Conducting
MUS 38500	Advanced Conducting-Choral

### Instrumental Techniques

Two credit hours selected from the following options:

MUS 22100	Woodwind Techniques
MUS 22200	Brass Techniques
MUS 22300	Percussion Techniques
MUS 22400	String Techniques
MUS 22600	Guitar Techniques
MUS 32500	Keyboard Techniques

### Private Lessons

Four credit hours selected from the following options:

MUS 10462	Private Lessons: Voice
MUS 20462	Private Lessons: Voice

Four credit hours selected from the following options:

MUS 30462	Private Lessons: Voice
MUS 40462	Private Lessons: Voice

### Ensemble

Six credit hours of large choral ensemble selected from the following options:

MUS 110XX	Large Ensemble - Choral
MUS 210XX	Large Ensemble - Choral

Two credit hours of small choral ensemble selected from the following options:

MUS 113XX	Small Ensemble - Vocal
MUS 213XX	Small Ensemble - Vocal

### Capstone

MUS 48800	Senior Recital
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### Education

EDU 10000	Orientation to Educational Experiences
EDU 11100	School Observation
EDU 20200	Psychology of Teaching and Learning
EDU 21501	Teacher Education Seminar I
MUS 27200	Content and Standards for K-12 Music Education
EDU 30700	Teaching Reading in the Content Areas
EDU 32100	Middle/High School Classroom Teaching and Technology
EDU 32300	Methods of Teaching Elementary School Music
EDU 33800	Secondary Methods of Teaching Music
EDU 34100	Education of the Exceptional Child
EDU 34300	Middle/High School Differentiation and Classroom Management
EDU 38000	Pre-Student Teaching Practicum
EDU 40400	Advanced Measurement and Evaluation to Enhance Learning
EDU 41000	Student Teaching

The Bachelor of Arts in Music with minor in education also requires the following:

- A three credit hour U.S. Government course.
- Enrollment in MUS 10200 each semester of full-time enrollment, excluding the semester of student teaching.
- A minimum cumulative GPA of 2.75.
- Passing scores on periodic assessments of program-level student learning outcomes, including the Piano Proficiency Exam.

### Instrumental Endorsement

Adding an instrumental endorsement to this program requires a minimum GPA of 3.0 for the following courses: two credit hours of MUS 109XX-MUS 209XX; two credit hours of private instrumental lessons; MUS 22100, MUS 22200, MUS 22300, MUS 22400, and MUS 22600; MUS 36000; MUS 36500; and MUS 38400.

**MUSIC BA****MINOR IN EDUCATION (K-12  
INSTRUMENTAL CERTIFICATION)***108 credit hours***Requirements**

For students seeking K-12 certification in instrumental music, the Bachelor of Arts in Music can be combined with a minor in education. This program requires a minimum GPA of 3.0 for the following courses:

MUS 12400	Class Voice I
MUS 14100	Music Theory I
MUS 21400	Piano Proficiency I
MUS 21500	Piano Proficiency II
MUS 22100	Woodwind Techniques
MUS 22200	Brass Techniques
MUS 22300	Percussion Techniques
MUS 22400	String Techniques
MUS 22600	Guitar Techniques
MUS 24200	Music Theory II
MUS 25000	Introduction to Music Technology
MUS 32500	Keyboard Techniques
MUS 35500	History of Western Music I
MUS 35600	History of Western Music II
MUS 35700	World Music

*Note: MUS 35500 and MUS 35600 may be used to satisfy the GE-CrsClt requirements. MUS 35700 may be used to satisfy the GE-Fine Art requirement.*

MUS 36000	Instrumental Composition and Arranging
MUS 36500	Band and Orchestra Techniques
MUS 38300	Introduction to Conducting
MUS 38400	Advanced Conducting-Instrumental

**Private Lessons**

Four credit hours selected from the following options:

MUS 104XX	Private Lessons
MUS 204XX	Private Lessons

Four credit hours selected from the following options:

MUS 304XX	Private Lessons
MUS 404XX	Private Lessons

**Ensemble**

Six credit hours of large instrumental ensemble selected from the following options:

MUS 109XX	Large Ensemble - Instrumental
MUS 209XX	Large Ensemble - Instrumental

Two credit hours of small instrumental ensemble selected from the following options:

MUS 112XX	Small Ensemble - Instrumental
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MUS 212XX	Small Ensemble - Instrumental
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**Capstone**

MUS 48800	Senior Recital
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**Education**

EDU 10000	Orientation to Educational Experiences
EDU 11100	School Observation
EDU 20200	Psychology of Teaching and Learning
EDU 21501	Teacher Education Seminar I
MUS 27200	Content and Standards for K-12 Music Education
EDU 30700	Teaching Reading in the Content Areas
EDU 32100	Middle/High School Classroom Teaching and Technology
EDU 32300	Methods of Teaching Elementary School Music
EDU 33800	Secondary Methods of Teaching Music
EDU 34100	Education of the Exceptional Child
EDU 34300	Middle/High School Differentiation and Classroom Management
EDU 38000	Pre-Student Teaching Practicum
EDU 40400	Advanced Measurement and Evaluation to Enhance Learning
EDU 41000	Student Teaching

The Bachelor of Arts in Music with minor in education program also requires the following:

- A three credit hour U.S. Government course.
- Enrollment in MUS 10200 each semester of full-time enrollment, excluding the semester of student teaching.
- A minimum cumulative GPA of 2.75.
- Passing scores on periodic assessments of program-level student learning outcomes, including the Piano Proficiency Exam.

**Vocal/Choral Endorsement**

Adding a vocal/choral endorsement to this program requires a minimum GPA of 3.0 for the following courses: two credit hours of MUS 110XX-MUS 210XX; four credit hours of MUS 12400, MUS 12500, and/or private voice lessons; MUS 37000; MUS 37500; MUS 37900; and MUS 38500.

**MUSIC PERFORMANCE BA INSTRUMENTAL***84 credit hours***Requirements**

The Bachelor of Music Performance-Instrumental requires a minimum grade of C in the following courses:

MUS 14100	Music Theory I
MUS 21400	Piano Proficiency I
MUS 21500	Piano Proficiency II
MUS 24200	Music Theory II

MUS 25000	Introduction to Music Technology
MUS 32500	Keyboard Techniques
MUS 34300	Music Theory III
MUS 34400	Music Theory IV
MUS 35500	History of Western Music I
MUS 35600	History of Western Music II
MUS 35700	World Music
MUS 38000	Instrumental Pedagogy and Literature

*Note: MUS 35500 and MUS 35600 may be used to satisfy the GE-CrsClt requirements.*

#### **Private Lessons**

Four credit hours of MUS 104XX

Four credit hours of MUS 204XX

Four credit hours of MUS 304XX

Four credit hours of MUS 404XX

#### **Ensemble**

Eight credit hours of large instrumental ensemble selected from the following options:

MUS 109XX Large Ensemble - Instrumental

MUS 209XX Large Ensemble - Instrumental

Eight credit hours of small instrumental ensemble selected from the following options:

MUS 112XX Small Ensemble - Instrumental

MUS 212XX Small Ensemble - Instrumental

#### **Music Electives**

Ten credit hours of MUS electives numbered 30000 or above

#### **Capstone**

MUS 33800 Electronic Music Composition

MUS 48800 Senior Recital

The Bachelor of Arts in Music Performance-Instrumental also requires the following:

- A three credit hour ART, ARTH, DAN, or TA course to satisfy the GE-Fine Art requirement.
- Enrollment in MUS 10200 each semester of full-time enrollment.
- Passing scores on periodic assessments of program-level student learning outcomes, including the Piano Proficiency Exam.

## **MUSIC PERFORMANCE BA VOCAL**

*91 credit hours*

### **Requirements**

The Bachelor of Music Performance-Vocal requires a minimum grade of C in the following courses:

MUS 14100	Music Theory I
MUS 21400	Piano Proficiency I
MUS 21500	Piano Proficiency II
MUS 24200	Music Theory II
MUS 25000	Introduction to Music Technology
MUS 32500	Keyboard Techniques
MUS 34300	Music Theory III
MUS 34400	Music Theory IV
MUS 35500	History of Western Music I
MUS 35600	History of Western Music II
MUS 35700	World Music
MUS 37601	English Diction
MUS 37602	French Diction
MUS 37603	Italian Diction
MUS 37604	German Diction
MUS 37900	Vocal Pedagogy and Literature
MUS 38800	Junior Recital

*Note: MUS 35500 and MUS 35600 may be used to satisfy the GE-CrsClt requirements.*

#### **Private Lessons**

Four credit hours of MUS 10462

Four credit hours of MUS 20462

Four credit hours of MUS 30462

Four credit hours of MUS 40462

#### **Ensemble**

Sixteen credit hours of choral ensemble selected from the following options:

MUS 110XX Large Ensemble - Choral

MUS 210XX Large Ensemble - Choral

MUS 113XX Small Ensemble - Vocal

MUS 213XX Small Ensemble - Vocal

Eight credit hours of small choral ensemble selected from the following options:

MUS 113XX Small Ensemble - Vocal

MUS 213XX Small Ensemble - Vocal

#### **Music Electives**

Six credit hours of MUS electives numbered 30000 or above.

#### **Capstone**

MUS 48800 Senior Recital

The Bachelor of Arts in Music Performance-Vocal also requires the following:

- A three credit hour ART, ARTH, DAN, or TA course to satisfy the GE-Fine Art requirement.
- Enrollment in MUS 10200 each semester of full-time enrollment.
- Passing scores on periodic assessments of program-level student learning outcomes, including the Piano Proficiency Exam.

## MUSIC BUSINESS BA

96 credit hours

### Requirements

The Bachelor of Arts in Music Business requires a minimum grade of C in the following courses:

ACCT 21010	Principles of Financial Accounting
ACCT 21011	Principles of Managerial Accounting
COM 13000	Survey of the Professional Media
COM 15100	Radio Production
ECON 23010	Survey of Economics

*Note: ECON 23010 may be used to satisfy a GE-SocSci requirement.*

ENTR 37510	Small Business and Entrepreneurship
INTL 38000	Global Business and Society
MGMT 26061	Business Law I
MIS 24000	Introduction to Information Systems
MRKT 35010	Principles of Marketing
MUS 14100	Music Theory I
MUS 16500	Introduction to Music Literature
MUS 24200	Music Theory II
MUS 25000	Introduction to Music Technology
MUS 33030	Music Business I
MUS 33040	Music Business II
MUS 35500	History of Western Music I
MUS 35600	History of Western Music II
MUS 35700	World Music

*Note: MUS 35500 and MUS 35600 may be used to satisfy the GE-CrsCl requirements.*

MUS 38100	Music Production I
MUS 38200	Music Production II
MUS 42000	Music Marketing
MUS 42500	Artist and Concert Management

#### Private Lessons

Four credit hours selected from the following options:

MUS 104XX	Private Lessons
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MUS 204XX	Private Lessons
MUS 304XX	Private Lessons
MUS 404XX	Private Lessons

#### Ensemble

Four credit hours selected from the following options:

MUS 109XX	Large Ensemble - Instrumental
MUS 110XX	Large Ensemble - Choral
MUS 112XX	Small Ensemble - Instrumental
MUS 113XX	Small Ensemble - Vocal
MUS 209XX	Large Ensemble - Instrumental
MUS 210XX	Large Ensemble - Choral
MUS 212XX	Small Ensemble - Instrumental
MUS 213XX	Small Ensemble - Vocal

#### Special Topics

Three credit hours selected from the following options:

MUS 38600-38699	Special Topics
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#### Electives

Five credit hours of MUS elective courses

#### Capstone

MUS 48900	Internship
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The Bachelor of Arts in Music Business also requires the following:

- A three credit hour ART, ARTH, DAN, or TA course to satisfy the GE-Fine Art requirement.
- MTH 14100 to satisfy the GE-Math requirement.
- Enrollment in MUS 10200 each semester of full-time enrollment, excluding the semester of internship.
- Passing scores on periodic assessments of program-level student learning outcomes.

## MUSIC MINOR

21 credit hours

### Requirements

The minor in music requires a minimum grade of C in the following courses:

MUS 14100	Music Theory I
MUS 24200	Music Theory II
MUS 35500	History of Western Music I
MUS 35600	History of Western Music II

#### Private Lessons

Four credit hours selected from the following options:

MUS 104XX	Private Lessons
MUS 204XX	Private Lessons
MUS 304XX	Private Lessons
MUS 404XX	Private Lessons



**Ensemble**

Three credit hours selected from the following options:

MUS 109XX	Large Ensemble - Instrumental
MUS 110XX	Large Ensemble - Choral
MUS 112XX	Small Ensemble - Instrumental
MUS 113XX	Small Ensemble - Vocal
MUS 209XX	Large Ensemble - Instrumental
MUS 210XX	Large Ensemble - Choral
MUS 212XX	Small Ensemble - Instrumental
MUS 213XX	Small Ensemble - Vocal

**MUSIC COMPOSITION MINOR**

24 credit hours

**Requirements**

The minor in music composition requires a minimum grade of C in the following courses:

MUS 34300	Music Theory III
MUS 34400	Music Theory IV
MUS 33600	Music Composition I
MUS 33700	Music Composition II
MUS 33800	Electronic Music Composition
MUS 33900	Composition Seminar
MUS 34500	Contemporary Harmony
MUS 38100	Music Production I

Three credit hours of private composition lessons selected from the following options:

MUS 30442	Applied Music
MUS 40442	Applied Music

*Note that courses required for the minor may include prerequisite courses.*

**Theatre Department**

*Emily Jones, Chair*

The Department of Theatre offers the following undergraduate degrees:

- Bachelor of Arts in Theatre
- Bachelor of Arts in Theatre with Minor in Secondary Education (9-12 Speech/Theatre Certification)
- Bachelor of Fine Arts in Acting
- Bachelor of Fine Arts in Musical Theatre
- Bachelor of Fine Arts in Stage Management
- Bachelor of Fine Arts in Technical Theatre/Design

A minor in theatre is also offered.

Students in the BFA programs are required to attend mandatory assessment meetings with the theatre faculty at the end of each semester. If a student's work is deemed to

be deficient, he or she may be put on probationary status in the program or asked to consider another major with the opportunity to re-audition into the program the following semester or academic year. It is recommended that full-time students pursuing the Bachelor of Fine Arts work no more than 15 hours per week in outside employment. Students must receive permission from the department to work on a non-departmental production in any capacity.

**THEATRE BA**

56 credit hours

**Requirements**

The Bachelor of Arts in Theatre requires a minimum grade of C in the following courses:

TA 10100	Acting I
TA 10600	Stage Movement
TA 10800	Stage Voice
TA 11100	Introduction to Technical Theatre I
TA 20100	Acting II
TA 21000	Stage Management
TA 21600	Stage Make-up
TA 30400	Script Analysis
TA 30500	Scenography
TA 30600	Directing
TA 33500	Modern Drama
TA 33600	Survey of Dramatic Literature
TA 37100	History of Theatre I
TA 37200	History of Theatre II
TA 48000	Career and Portfolio Seminar

*Note: TA 33500 and TA 33600 may be used to satisfy the GE-Lit requirements; TA 37100 and TA 37200 may be used to satisfy the GE-CrsCl requirements.*

**Rehearsal and Production**

Eight credit hours selected from the following options:

TA 10001	Rehearsal and Production
TA 10002	Rehearsal and Production
TA 20001	Rehearsal and Production
TA 20002	Rehearsal and Production
TA 30001	Rehearsal and Production
TA 30002	Rehearsal and Production
TA 40001	Rehearsal and Production
TA 40002	Rehearsal and Production

The Bachelor of Arts in Theatre also requires the following:

- A three credit hour ART, ARTH, DAN, or MUS course to satisfy the GE-Fine Art requirement.
- Passing scores on periodic assessments of program-level student learning outcomes.

**THEATRE BA****SECONDARY EDUCATION MINOR (9-12  
SPEECH/THEATRE CERTIFICATION)***121 credit hours***Requirements**

For students seeking 9-12 certification in speech/theatre, the Bachelor of Arts in Theatre can be combined with a Minor in Secondary Education. This program requires a minimum GPA of 3.0 for the following courses:

**Theatre**

TA 10100	Acting I
TA 10600	Stage Movement
TA 10800	Stage Voice
TA 11100	Introduction to Technical Theatre I
TA 20100	Acting II
TA 21000	Stage Management
TA 21600	Stage Make-up
TA 30400	Script Analysis
TA 30500	Scenography
TA 30600	Directing
TA 33500	Modern Drama
TA 33600	Survey of Dramatic Literature

*Note: TA 33500 and TA 33600 may be used to satisfy the GE-Lit requirements.*

TA 37100	History of Theatre I
TA 37200	History of Theatre II

*Note: TA 37100 and TA 37200 may be used to satisfy the GE-CrsClt requirements.*

**Theatre Electives**

Six credit hours of TA electives numbered 30000 or above

**Rehearsal and Production**

Eight credit hours selected from the following options:

TA 10001	Rehearsal and Production
TA 10002	Rehearsal and Production
TA 20001	Rehearsal and Production
TA 20002	Rehearsal and Production
TA 30001	Rehearsal and Production
TA 30002	Rehearsal and Production
TA 40001	Rehearsal and Production
TA 40002	Rehearsal and Production

**Theatre Capstone**

TA 48000	Career and Portfolio Seminar
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**Speech**

COM 10200	Public Debate
COM 10500	Group Dynamics and Effective Speaking
COM 11000	Fundamentals of Oral Communication

COM 32700	Media Literacy
TA 10300	Oral Interpretation

**Education**

EDU 10000	Orientation to Educational Experiences
EDU 11100	School Observation
EDU 20200	Psychology of Teaching and Learning
EDU 21501	Teacher Education Seminar I
TA 27201	Content and Standards for 9-12 Speech/Theatre Education
EDU 30700	Teaching Reading in the Content Areas
EDU 32100	Middle/High School Classroom Teaching and Technology
EDU 33700	Secondary Methods of Teaching Speech & Theatre
EDU 34100	Education of the Exceptional Child
EDU 34300	Middle/High School Differentiation and Classroom Management
EDU 38000	Pre-Student Teaching Practicum
EDU 40400	Advanced Measurement and Evaluation to Enhance Learning
EDU 41000	Student Teaching

The Bachelor of Arts in Theatre with minor in secondary Education program also requires the following:

- A three credit hour ART, ARTH, DAN, or MUS course to satisfy the GE-Fine Art requirement.
- A three credit hour U.S. Government course.
- A minimum cumulative GPA of 2.75.
- Passing scores on periodic assessments of program-level student learning outcomes.

**ACTING BFA***76 credit hours***Requirements**

The Bachelor of Fine Arts in Acting requires a minimum grade of C in the following courses:

TA 10100	Acting I
TA 10600	Stage Movement
TA 10800	Stage Voice
TA 11100	Introduction to Technical Theatre I
TA 20100	Acting II
TA 21000	Stage Management
TA 21600	Stage Make-up
TA 30102	Acting Studio: Audition
TA 30105	Acting Studio: Improvisation
TA 30400	Script Analysis
TA 30600	Directing
TA 33500	Modern Drama
TA 33600	Survey of Dramatic Literature

*Note: TA 33500 and TA 33600 may be used to satisfy the GE-Lit requirements.*

TA 37100	History of Theatre I
TA 37200	History of Theatre II
TA 40103	Advanced Acting Studio: Meisner
TA 40105	Advanced Acting Studio: Shakespeare

*Note: TA 37100 and TA 37200 may be used to satisfy the GE-CrsClt requirements.*

#### Voice

Two credit hours selected from the following options:

MUS 10462	Private Lessons: Voice
MUS 20462	Private Lessons: Voice
MUS 12400	Class Voice I

#### Theatre Electives

Six credit hours of TA electives numbered 30000 or above

#### Rehearsal and Production

Eight credit hours selected from the following options:

TA 10001	Rehearsal and Production
TA 10002	Rehearsal and Production
TA 20001	Rehearsal and Production
TA 20002	Rehearsal and Production
TA 30001	Rehearsal and Production
TA 30002	Rehearsal and Production
TA 40001	Rehearsal and Production
TA 40002	Rehearsal and Production

#### Capstone

TA 48000	Career and Portfolio Seminar
TA 48900	Senior Project

The Bachelor of Fine Arts in Acting also requires the following:

- DAN 10100 to satisfy the GE-Fine Arts requirement.
- Passing scores on periodic assessments of program-level student learning outcomes.

## STAGE MANAGEMENT BFA

*83 credit hours*

### Requirements

The Bachelor of Fine Arts in Stage Management requires a minimum grade of C in the following courses:

MGMT 26032	Principles of Management
MUS 11800	Music Theory for Non-Majors
NPA 10000	Introduction to Nonprofit Organizations and Community Service
NPA 35000	Management of Nonprofit Organizations
TA 10100	Acting I
TA 11100	Introduction to Technical Theatre I
TA 21000	Stage Management
TA 21300	Stagecraft

TA 21400	Drafting for Theatre
TA 21900	Theatrical Collaboration
TA 30400	Script Analysis
TA 30500	Scenography
TA 30600	Directing
TA 31000	Lighting Design
TA 31300	Audio Technology and Sound Design
TA 33500	Modern Drama
TA 33600	Survey of Dramatic Literature

*Note: TA 33500 and TA 33600 may be used to satisfy the GE-Lit requirements.*

TA 37100	History of Theatre I
TA 37200	History of Theatre II

*Note: TA 37100 and TA 37200 may be used to satisfy the GE-CrsClt requirements.*

TA 41000	Advanced Stage Management
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#### Stage Combat

Three credit hours of TA 40101 Advanced Acting Studio: Stage Combat

#### Rehearsal and Production

Eight credit hours selected from the following options:

TA 10001	Rehearsal and Production
TA 10002	Rehearsal and Production
TA 20001	Rehearsal and Production
TA 20002	Rehearsal and Production
TA 30001	Rehearsal and Production
TA 30002	Rehearsal and Production
TA 40001	Rehearsal and Production
TA 40002	Rehearsal and Production

#### Capstone

TA 46500	Professional Internship
TA 48000	Career and Portfolio Seminar
TA 48900	Senior Project

The Bachelor of Fine Arts in Stage Management also requires the following:

- A three credit hour ART, ARTH, DAN, or MUS course to satisfy the GE-Fine Arts requirement.
- Passing scores on periodic assessments of program-level student learning outcomes.

## TECHNICAL THEATRE/DESIGN BFA

*83 credit hours*

### Requirements

The Bachelor of Fine Arts in Technical Theatre/Design requires a minimum grade of C in the following courses:

TA 10100	Acting I
TA 10400	Drawing for Theatrical Design
TA 11100	Introduction to Technical Theatre I

TA 21000	Stage Management
TA 21300	Stagecraft
TA 21400	Drafting for Theatre
TA 21500	Drawing and Rendering for Theatre
TA 21900	Theatrical Collaboration
TA 22000	Costume Construction
TA 22100	History of Décor
TA 30400	Script Analysis
TA 30600	Directing
TA 30700	Scenic Design
TA 30900	Costume Design
TA 31000	Lighting Design
TA 31300	Audio Technology and Sound Design
TA 31700	History of Costume and Fashion
TA 33500	Modern Drama
TA 33600	Survey of Dramatic Literature

*Note: TA 33500 and TA 33700 may be used to satisfy the GE-Lit requirements.*

TA 37100	History of Theatre I
TA 37200	History of Theatre II

*Note: TA 37100 and TA 37200 may be used to satisfy the GE-CrsClt requirements.*

#### **Advanced Design and Technology**

Three credit hours selected from the following options:

TA 40700	Advanced Set Design
TA 40800	Advanced Lighting Design
TA 40900	Advanced Costume Design
TA 41100	Advanced Theatre Technology

#### **Rehearsal and Production**

Eight credit hours selected from the following options:

TA 10001	Rehearsal and Production
TA 10002	Rehearsal and Production
TA 20001	Rehearsal and Production
TA 20002	Rehearsal and Production
TA 30001	Rehearsal and Production
TA 30002	Rehearsal and Production
TA 40001	Rehearsal and Production
TA 40002	Rehearsal and Production

#### **Capstone**

TA 48000	Career and Portfolio Seminar
TA 48900	Senior Project

The Bachelor of Fine Arts in Technical Theatre/Design also requires the following:

- ARTH 22400 to satisfy the GE-Fine Art requirement.
- Passing scores on periodic assessments of program-level student learning outcomes.

## **MUSICAL THEATRE BFA**

*92 credit hours*

### **Requirements**

The Bachelor of Fine Arts in Musical Theatre requires a minimum grade of C in the following courses:

DAN 23000	Musical Theatre Dance
MUS 11800	Music Theory for Non-Majors
TA 10100	Acting I
TA 10600	Stage Movement
TA 10800	Stage Voice
TA 11100	Introduction to Technical Theatre I
TA 20100	Acting II
TA 21600	Stage Make-up
TA 30301	Acting the Song I
TA 30302	Acting the Song II
TA 30303	History of the American Musical
TA 30400	Script Analysis
TA 33500	Modern Drama
TA 33600	Survey of Dramatic Literature

*Note: TA 33500 and TA 33600 may be used to satisfy the GE-Lit requirements.*

TA 37100	History of Theatre I
TA 37200	History of Theatre II

*Note: TA 37100 and TA 37200 may be used to satisfy the GE-CrsClt requirements.*

#### **Acting Studio**

Three credit hours selected from the following options:

TA 30100-30199	Acting Studio
TA 40100-40199	Advanced Acting Studio

#### **Ballet**

Four credit hours selected from the following options:

DAN 10010	Ballet I: Beginning Level
DAN 10011	Ballet I: Intermediate Level
DAN 10012	Ballet I: Advanced Level
DAN 20011	Ballet II: Intermediate Level
DAN 20012	Ballet II: Advanced Level
DAN 30011	Ballet III: Intermediate Level
DAN 30012	Ballet III: Advanced Level
DAN 40012	Ballet IV: Advanced Level

#### **Jazz**

Four credit hours selected from the following options:

DAN 10030	Jazz I: Beginning Level
DAN 10031	Jazz I: Intermediate Level
DAN 10032	Jazz I: Advanced Level
DAN 20031	Jazz II: Intermediate Level
DAN 20032	Jazz II: Advanced Level

DAN 30031	Jazz III: Intermediate Level
DAN 30032	Jazz III: Advanced Level
DAN 40032	Jazz IV: Advanced Level

**Tap**

Two credit hours selected from the following options:

DAN 10040	Tap I: Beginning Level
DAN 10041	Tap I: Intermediate Level
DAN 10042	Tap I: Advanced Level
DAN 20041	Tap II: Intermediate Level
DAN 20042	Tap II: Advanced Level
DAN 30041	Tap III: Intermediate Level
DAN 30042	Tap III: Advanced Level
DAN 40042	Tap IV: Advanced Level

**Voice**

Ten credit hours selected from the following options:

MUS 10462	Private Lessons: Voice
MUS 20462	Private Lessons: Voice
MUS 30462	Private Lessons: Voice
MUS 40462	Private Lessons: Voice

**Piano**

Two credit hours selected from the following options:

MUS 10455	Private Lessons: Piano
MUS 20455	Private Lessons: Piano
MUS 30455	Private Lessons: Piano
MUS 40455	Private Lessons: Piano
MUS 11400	Class Piano I
MUS 11500	Class Piano II

**Choral Ensemble**

Two credit hours selected from the following options:

MUS 110XX	Large Ensemble - Choral
MUS 210XX	Large Ensemble - Choral

**Rehearsal and Production**

Eight credit hours selected from the following options:

TA 10001	Rehearsal and Production
TA 10002	Rehearsal and Production
TA 20001	Rehearsal and Production
TA 20002	Rehearsal and Production
TA 30001	Rehearsal and Production
TA 30002	Rehearsal and Production
TA 40001	Rehearsal and Production
TA 40002	Rehearsal and Production

**Capstone**

TA 48000	Career and Portfolio Seminar
TA 48900	Senior Project

The Bachelor of Fine Arts in Musical Theatre also requires the following:

- A three credit hour ART, ARTH, DAN, or MUS course to satisfy the GE-Fine Arts requirement.

- Passing scores on periodic assessments of program-level student learning outcomes.

**THEATRE MINOR**

*27 credit hours*

**Requirements**

The requirements for the minor in theatre are as follows:

TA 10100	Acting I
TA 11100	Introduction to Technical Theatre I
TA 20100	Acting II
TA 30400	Script Analysis
TA 37100	History of Theatre I
TA 37200	History of Theatre II

**Elective Coursework**

Students must complete nine credit hours of theatre arts elective coursework, selected from among the following options:

TA 10600	Stage Movement
TA 10800	Stage Voice
TA 21300	Stagecraft
TA 21600	Stage Make-up
TA 30100-30199	Acting Studio
TA 30301	Acting the Song I
TA 30500	Scenography
TA 30700	Scenic Design
TA 30900	Costume Design
TA 31700	History of Costume and Fashion
TA 33500	Modern Drama
TA 33600	Survey of Dramatic Literature
TA 35000	Directing II
TA 38800-38899	Special Topics
TA 40100-40199	Advanced Acting Studio
TA 40600	Advanced Directing
TA 40700	Advanced Set Design
TA 40800	Advanced Lighting Design
TA 40900	Advanced Costume Design
TA 41000	Advanced Stage Management
TA 41100	Advanced Theatre Technology
TA 46500	Professional Internship
TA 48000	Career and Portfolio Seminar

## SCHOOL OF HUMAN SERVICES

The School of Human Services offers degrees in the following areas:

- Christian ministry studies
- Criminal justice
- Fire and paramedic science
- Nonprofit administration
- Social work

In conjunction with Washington University, a program in military science that leads to an appointment as a commissioned officer in the United States Army is also offered.

Minors are offered in aerospace studies, Christian ministry studies, criminal justice, military science, nonprofit administration, and social welfare.

### Christian Ministry Studies Department

*Dr. Timothy Gibson, Chair*

Students in the Christian ministry studies program earn a Bachelor of Arts. This program is designed for students who sense or desire to explore a call to Christian ministry to serve in the context of children's ministry, youth ministry, pastoral ministry, camp/outdoor ministry, parachurch or nonprofit ministry, worship leadership, chaplaincy, Christian education, Christian counseling, and local or international mission. It is also beneficial for students who seek a thorough knowledge of the Bible, theology, and practical ministry so as to prepare them for seminary, graduate study, or a Christ-centered direction in another career pursuit.

As part of a Christian ministry studies major, students may wish to select an additional major or pick up applicable minors to augment their educational experience. In this way, students tailor their academic studies to best prepare themselves for their calling upon graduation. Talk with Dr. Timothy Gibson, Department Chair, as how to best accomplish this.

#### Vision

To know Christ and to make Him known.

#### Mission

The mission of the Christian ministry studies degree program is to provide a learning environment where students who seek to take the Good News of Jesus Christ into various places and to differing peoples are prepared through quality instruction and practice to respond to God's specific calling upon their lives so as to make a difference for the Lord's Kingdom.

### CHRISTIAN MINISTRY STUDIES BA

*42 credit hours*

#### Requirements

The Bachelor of Arts in Christian Ministry Studies requires the following courses:

CMS 10100	Introduction to Christian Spirituality
CMS 12000	Introduction to Christian Theology
CMS 25100	Professional Discernment & Orientation
CMS 26000	Biblical Hermeneutics
CMS 30000	Models of Youth and Children's Ministry
CMS 30400	Oral Communication in Ministry
CMS 31500	Advanced Theology: Developments in the Church
CMS 45000	Internship
CMS 46000	Ministry Leadership and Administration
REL 32600	Faith and Reason

Plus any twelve (12) hours selected from these options:

CMS 32800	Theology and Practice of Mission
CMS 35000	Apologetics
CMS 36500	Christian Traditions and Worship
CMS 38000-38999	Special Topics
COM 32700	Media Literacy
NPA 10000	Introduction to Nonprofit Organizations and Community Service
PHL 10200	Moral Life: A Study in Ethics
PSY 20500	Human Development
REC 10200	Introduction to Recreation and Leisure Services
REC 34200	Camp Management and Leadership
REL 15000	World Religions
REL 20200	Religion in America
REL 21000	Old Testament
REL 21100	New Testament
REL 38000-38099	Selected Topics in Religion

### CHRISTIAN MINISTRY STUDIES MINOR

*18 credit hours*

#### Requirements

Requirements for the minor include:

CMS 10100	Introduction to Christian Spirituality
CMS 12000	Introduction to Christian Theology

Twelve elective credit hours taken from the following:

CMS 25100	Professional Discernment & Orientation
CMS 26000	Biblical Hermeneutics

CMS 30000	Models of Youth and Children's Ministry
CMS 30400	Oral Communication in Ministry
CMS 31500	Advanced Theology: Developments in the Church
CMS 32800	Theology and Practice of Mission
CMS 35000	Apologetics
CMS 36500	Christian Traditions and Worship

CJ 30500	Corrections
CJ 31000	Criminal Law
CJ 31100	The Juvenile Justice System
CJ 31500	Victimology
CJ 32000	Race, Crime, and Punishment
CJ 33100	Criminal Investigation
CJ 35500	Criminal Justice Ethics
CJ 44000	Senior Seminar in Criminal Justice

## Criminal Justice Department

*Dr. Billi Patzius, Chair*

The criminal justice degree prepares students to enter the work force with a generalist degree or with a specified emphasis area in criminal justice. The Department of Criminal Justice offers the Bachelor of Arts along with the following emphasis areas:

- Bachelor of Arts in Criminal Justice (no emphasis area)
- Bachelor of Arts in Criminal Justice, legal studies emphasis
- Bachelor of Arts in Criminal Justice, corrections/juvenile emphasis
- Bachelor of Arts in Criminal Justice, corrections/probation and parole emphasis
- Bachelor of Arts in Criminal Justice, law enforcement emphasis
- Bachelor of Arts in Criminal Justice, law enforcement emphasis with Police Academy option
- Bachelor of Arts in Criminal Justice (with no emphasis area) is also offered online

The department also offers a minor in criminal justice.

All of the above degrees require the completion of the criminal justice core courses listed below. Majors with no emphasis area must complete the criminal justice elective courses shown below. Students who are completing the Bachelor of Arts in Criminal Justice with an emphasis area must complete the indicated courses listed within the particular area of emphasis selected.

### CRIMINAL JUSTICE BA

*48 credit hours*

#### Requirements

##### *Core Requirements (36 credit hours)*

All students seeking the Bachelor of Arts in Criminal Justice must successfully complete the following core courses:

CJ 11000	Criminal Justice Systems
CJ 20000	Criminology
CJ 30000	Policing in America
CJ 30100	Criminal Procedure

##### *Criminal Justice Major Electives (12 credit hour)*

Students seeking the criminal justice degree without an emphasis area must complete the CJ core requirements and 12 credit hours of electives selected from the following options:

ACCT 21010	Principles of Financial Accounting
MGMT 26032	Principles of Management
CHM 31100	Applications in Forensic Science
CJ 22500	Comparative Criminal Justice Systems
CJ 24000-24999	Special Topics in Criminal Justice
CJ 32100	White-Collar Crime
CJ 33800	Criminal Minds
CJ 34000-34999	Special Topics in Criminal Justice
CJ 35005	Women, Crime, and the Law
PHL 21400	Ethics
PSY 20800	Child Psychology
PSY 30300	Abnormal Psychology
PS 36000	Civil Liberties
SOC 22200	Social Problems
SOC 31500	Alcohol, Drugs, and Society
SOC 31800	Race, Ethnicity, and Gender: A Global Perspective
SOC 32200	Social Deviance
SW 10000	Intercultural Communication
SW 24000	Human Diversity and Social Justice

### CRIMINAL JUSTICE BA

#### CORRECTIONS/JUVENILE EMPHASIS

*54 credit hours*

#### Requirements

##### *Corrections/Juvenile Emphasis Courses*

Students seeking the criminal justice degree with an emphasis in corrections/juvenile are required to complete the CJ core requirements and 18 credit hours of coursework selected from the following options:

CJ 20500	Criminal Justice Observation
CJ 33800	Criminal Minds
CJ 24000-24999	Special Topics in Criminal Justice
CJ 34000-34999	Special Topics in Criminal Justice

CJ 35005	Women, Crime, and the Law
CJ 45000	Practicum
NPA 10000	Introduction to Nonprofit Organizations and Community Service
NPA 35000	Management of Nonprofit Organizations
PSY 10000	Principles of Psychology
PSY 20500	Human Development
PSY 21000	Psychology of Parenting
PSY 30300	Abnormal Psychology
PSY 33400	Social Psychology
REC 10200	Introduction to Recreation and Leisure Services
REC 31000	Foundations of Therapeutic Recreation
SOC 10200	Basic Concepts of Sociology
SOC 21400	The Family
SOC 31500	Alcohol, Drugs, and Society
SOC 32200	Social Deviance
SPA 10100	Elementary Spanish I
SPA 10200	Elementary Spanish II
SW 11000	Introduction to Social Work
SW 30000	Child Welfare

## CRIMINAL JUSTICE BA

### CORRECTIONS/PROBATION & PAROLE EMPHASIS

*54 credit hours*

#### Requirements

##### *Corrections/Probation and Parole Emphasis*

Students seeking the criminal justice degree with an emphasis in corrections/probation and parole are required to complete the CJ core requirements and 18 credit hours from the following options:

CJ 20500	Criminal Justice Observation
CJ 22500	Comparative Criminal Justice Systems
CJ 24000-24999	Special Topics in Criminal Justice
CJ 33800	Criminal Minds
CJ 34000-34999	Special Topics in Criminal Justice
CJ 35005	Women, Crime, and the Law
CJ 45000	Practicum
NPA 10000	Introduction to Nonprofit Organizations and Community Service
NPA 35000	Management of Nonprofit Organizations
PSY 30300	Abnormal Psychology
PSY 33400	Social Psychology
REC 10200	Introduction to Recreation and Leisure Services
REC 31000	Foundations of Therapeutic Recreation
SOC 10200	Basic Concepts of Sociology

SOC 31500	Alcohol, Drugs, and Society
SOC 32200	Social Deviance
SPA 10100	Elementary Spanish I
SPA 10200	Elementary Spanish II
SW 11000	Introduction to Social Work
SW 24000	Human Diversity and Social Justice
SW 28500	Human Behavior in the Social Environment II

## CRIMINAL JUSTICE BA

### LAW ENFORCEMENT EMPHASIS

*54 credit hours*

#### Requirements

##### *Law Enforcement Emphasis*

Students seeking the criminal justice degree with an emphasis in law enforcement are required to complete the CJ core requirements and 18 credit hours from the following options:

ART 18101	Digital Photography I
CJ 20500	Criminal Justice Observation
CJ 24000-24999	Special Topics in Criminal Justice
CJ 32100	White-Collar Crime
CJ 33800	Criminal Minds
CJ 34000-34999	Special Topics in Criminal Justice
CJ 35005	Women, Crime, and the Law
CJ 45000	Practicum
MIS 14000	Microcomputer Applications
PHL 10200	Moral Life: A Study in Ethics
PHL 35000	Philosophy of Law
PS 36000	Civil Liberties
PSY 10000	Principles of Psychology
PSY 30300	Abnormal Psychology
SOC 10200	Basic Concepts of Sociology
SOC 21400	The Family
SOC 31500	Alcohol, Drugs, and Society
SOC 31800	Race, Ethnicity, and Gender: A Global Perspective
SOC 32200	Social Deviance
SPA 10100	Elementary Spanish I
SPA 10200	Elementary Spanish II
SW 24000	Human Diversity and Social Justice



## CRIMINAL JUSTICE BA LAW ENFORCEMENT EMPHASIS WITH POLICE ACADEMY OPTION

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54 credit hours

### Requirements

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#### *Law Enforcement Emphasis with Police Academy Option*

Students seeking the criminal justice degree with an emphasis in law enforcement with police academy option are required to complete the CJ core-requirements and the following two courses:

CJ 24500	Police Academy Preparatory
CJ 46000	St. Louis County and Municipal Police Academy

## CRIMINAL JUSTICE BA LEGAL STUDIES EMPHASIS

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54 credit hours

### Requirements

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#### *Legal Studies Emphasis*

Students seeking the criminal justice degree with an emphasis in legal studies are required to complete the CJ core requirements and 18 credit hours of coursework from the following options:

CJ 22500	Comparative Criminal Justice Systems
CJ 24000-24999	Special Topics in Criminal Justice
CJ 32100	White-Collar Crime
CJ 33800	Criminal Minds
CJ 34000-34999	Special Topics in Criminal Justice
CJ 35005	Women, Crime, and the Law
CJ 45000	Practicum
MGMT 26061	Business Law I
MGMT 36062	Business Law II
PHL 21500	Traditional Logic
PHL 35000	Philosophy of Law
PS 15600	American Government: The States
PS 30100	Comparative Public Policy
PS 30800	Debate
PS 31100	American Constitutional Law
PS 36000	Civil Liberties
PSY 23100	Critical and Creative Thinking

## CRIMINAL JUSTICE MINOR

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24 credit hours

### Requirements

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Students may earn a criminal justice minor by completing the following courses:

CJ 11000	Criminal Justice Systems
CJ 20000	Criminology

CJ 31000	Criminal Law
CJ 31500	Victimology

Plus twelve credit hours from the following:

CJ 30000	Policing in America
CJ 30100	Criminal Procedure
CJ 30500	Corrections
CJ 31100	The Juvenile Justice System
CJ 32000	Race, Crime, and Punishment
CJ 33100	Criminal Investigation
CJ 33800	Criminal Minds
CJ 35005	Women, Crime, and the Law
CJ 35500	Criminal Justice Ethics

## Fire and Paramedic Science Department

*Dr. Jack Beckerle, Chair*

The fire and paramedic science (FPS) degree program at Lindenwood University is designed to prepare students for a career as a paramedic or a firefighter/paramedic. The FPS programs provide para-medicine technology, along with management and leadership skills.

Students seeking to major in fire and paramedic science will complete between 39 to 48 credit hours in directed studies in paramedic technology (depending upon whether the student already has an EMT-B license) plus a minimum of 10-12 credit hours of specific general education science courses listed below and 6 credit hours of mathematics at the level of MTH 12100 or above. In addition, each student will complete a 21 credit hour area of emphasis as part of the core curriculum. The St. Charles Fire Academy, FPS 37000 (which requires a lab fee) is available to students as an elective and part of the fire academy emphasis. The fire and paramedic science degree program requires that each student earn a grade of C or better in science courses, paramedic core requirements, and fire academy courses in order to obtain the Bachelor of Science.

Additional non-academic requirements include obtaining CPR certification from either the St. Charles County Ambulance District, American Heart Association "Healthcare Provider CPR," or the Red Cross "CPRIAED for the Professional Rescuer" prior to start of the EMT-B or EMT-P courses. Students must also pass a criminal background check, a drug screening (which must be passed the first time), and a physical examination indicating ability to meet the functional job requirements for a paramedic or firefighter and have the appropriate immunizations.

*Note: EMT-Basic and EMT-Paramedic training course semesters run longer than regular LU semesters: EMT-Basic is 19 weeks; fall Paramedic semester is 18 weeks; spring semester is 20 weeks; and summer semester is 15 weeks.*

**FIRE AND PARAMEDIC SCIENCE BS****GENERAL EMPHASIS***85-91 credit hours***Requirements**

The following courses are required for the completion of the Bachelor of Science in Fire and Paramedic Science with a general emphasis.

BSC 10000	Concepts in Biology
HFS 20700	Human Anatomy and Physiology
or	
BSC 10700	Human Biology
or	
BSC 22700	Human Anatomy and Physiology I
and	
BSC 22800	Human Anatomy and Physiology II
CHM 10000	Concepts in Chemistry
or	
CHM 10100	The World of Chemistry
or	
CHM 23000	General Chemistry 1
and	
CHM 23100	General Chemistry 2
FPS 30000	EMT-Basic
FPS 38000	Paramedic I
FPS 38100	Paramedic II
FPS 45000	Paramedic Clinical I
FPS 45100	Paramedic Clinical II
FPS 45200	Paramedic Clinical III
FPS 48000	Paramedic III

Two MTH courses numbered 12100 or higher

Students must also complete 21 credit hours from the following options:

AT 22100	Medical Terminology
FPS 10000	Introduction to Public Safety
FPS 29300-29399	Special Topics in Firefighting and Emergency
FPS 30100	First Responders
FPS 30200	Hazardous Materials
FPS 32000	Introduction to the Essentials of Firefighting
FPS 36000	Fire and Emergency Services Management
FPS 39300-39399	Special Topics in Firefighting and Emergency Services
MGMT 26032	Principles of Management
SW 10000	Intercultural Communication
SW 24000	Human Diversity and Social Justice

*Note: All courses required for the major must be completed with grades of C or higher.*

**FIRE AND PARAMEDIC SCIENCE BS****FIRE ACADEMY EMPHASIS***85-91 credit hours***Requirements**

The following courses are required for the completion of the Bachelor of Science in Fire and Paramedic Science with a fire academy emphasis.

BSC 10000	Concepts in Biology
HFS 20700	Human Anatomy and Physiology
or	
BSC 10700	Human Biology
or	
BSC 22700	Human Anatomy and Physiology I
and	
BSC 22800	Human Anatomy and Physiology II
CHM 10000	Concepts in Chemistry
or	
CHM 10100	The World of Chemistry
or	
CHM 23000	General Chemistry 1
and	
CHM 23100	General Chemistry 2
FPS 30000	EMT-Basic
FPS 38000	Paramedic I
FPS 38100	Paramedic II
FPS 45000	Paramedic Clinical I
FPS 45100	Paramedic Clinical II
FPS 45200	Paramedic Clinical III
FPS 48000	Paramedic III

Two MTH courses numbered 12100 or higher

**Fire Academy**

The following course must be completed:

FPS 37000	Fire Academy I
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Students must also complete six credit hours from the following options:

AT 22100	Medical Terminology
FPS 10000	Introduction to Public Safety
FPS 29300-29399	Special Topics in Firefighting and Emergency
FPS 30100	First Responders
FPS 30200	Hazardous Materials
FPS 36000	Fire and Emergency Services Management
FPS 39300-39399	Special Topics in Firefighting and Emergency Services
MGMT 26032	Principles of Management
SW 10000	Intercultural Communication
SW 24000	Human Diversity and Social Justice

*Note: All courses required for the major must be completed with grades of C or higher.*

## Military Science and Aerospace Studies

### Military Science and Aerospace Studies Program

*Paul Corbin, Chair*

Lindenwood University has agreements with Washington University and St. Louis University that make their Army and Air Force ROTC basic courses available to qualified Lindenwood students. These programs enable students to earn appointments as commissioned officers in the United States Army or the United States Air Force respectively. Students interested in pursuing these opportunities should consult with the appropriate Army or Air Force ROTC advisor. Any academic major may apply.

For Army ROTC the contact number is: (314) 935-5537.

For Air Force ROTC the contact number is: (314) 977-8227.

### RESERVE OFFICERS' TRAINING CORPS (ROTC)

*24 credit hours*

#### Requirements

The Army ROTC program requires the following courses:

MS 10100	Introduction to Leadership I
MS 10200	Introduction to Leadership II
MS 20100	Innovative Team Leadership
MS 20200	Foundations of Tactical Leadership
MS 30100	Adaptive Team Leadership
MS 30200	Applied Team Leadership
MS 40100	Leadership Challenges and Goal-Setting
MS 40200	Transition to Lieutenant
MS 45000	Modern American Military History

*Note: Students must complete these courses in numerical order. Students must be contracted to go into MS 30000 and 40000 level courses. Students must also have completed U.S. basic training or complete the lower level MS courses in order to be contracted.*

### Simultaneous Membership Program/Reserve Officer Training Corps (SMP/ROTC):

This program enables members of the Missouri Army National Guard to participate in ROTC to earn their commission as officers in the U.S. Army, obtain a bachelor's degree in a field of their choice, and have a guaranteed obligation with the Missouri Army National Guard. Special financial incentives and entitlements are available for these students. See Financial Aid.

### SIMULTANEOUS MEMBERSHIP PROGRAM/RESERVE OFFICER TRAINING CORPS (SMP/ROTC):

This program enables members of the Missouri Army National Guard to participate in ROTC to earn their commission as officers in the U.S. Army, obtain a bachelor's degree in a field of their choice, and have a guaranteed obligation with the Missouri Army National Guard. Special financial incentives and entitlements are available for these students. See Financial Aid.

### U.S. AIR FORCE ROTC (AES) AEROSPACE STUDIES

#### Requirements

The Air Force ROTC program requires the following courses:

AES 10100	The Foundations of the United States Air Force
AES 10200	The Air Force Today
AES 11000	Leadership Laboratory I
AES 11200	Leadership Laboratory II
AES 20100	The Evolution of USAF Air and Space Power
AES 20200	The Air Force Way
AES 30100	Air Force Leadership and Management I
AES 30200	Air Force Leadership and Management II
AES 40100	National Security Affairs and Preparation for Active Duty I
AES 40200	National Security Affairs and Preparation for Active Duty II

### MINOR IN AEROSPACE STUDIES

*20 credit hours*

#### Requirements

A minor in Aerospace Studies requires completion of the following courses:

AES 10100	The Foundations of the United States Air Force
AES 10200	The Air Force Today
AES 20100	The Evolution of USAF Air and Space Power
AES 20200	The Air Force Way
HIS 20700	American Military History through World War Two
HIS 21400	American Military History Since 1941
HIS 33800	War and Society in the Twentieth Century
REC 11300	Wilderness Survival
REC 12500	Land Navigation

## MILITARY SCIENCE MINOR

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21 credit hours

### Requirements

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A minor in military science may be earned by completion of 21 hours of coursework from the following:

MS 30100	Adaptive Team Leadership
MS 30200	Applied Team Leadership
MS 40100	Leadership Challenges and Goal-Setting
MS 40200	Transition to Lieutenant

plus nine credit hours from these options:

MS 10100	Introduction to Leadership I
MS 10200	Introduction to Leadership II
MS 20100	Innovative Team Leadership
MS 20200	Foundations of Tactical Leadership
HIS 21400	American Military History Since 1941
HIS 33800	War and Society in the Twentieth Century
REC 11300	Wilderness Survival
REC 12500	Land Navigation
HIS 20700	American Military History though World War Two

## Nonprofit Administration Department

*Dr. Julie Turner, Chair*

The nonprofit administration (NPA) program at Lindenwood University is designed to prepare students for leadership positions in youth, social, and community nonprofit organizations. The baccalaureate program is intended to serve a broad spectrum of career paths.

Therefore, the major core combines a focus on nonprofit organizations with selected emphases in a number of different practice settings. Students seeking the major in nonprofit administration will complete 40 credit hours of directed studies in nonprofit leadership and management.

In addition, the student must complete 21 credit hours of coursework at or above the 30000 level from within any departments (from those listed below). Students select the department in which to complete this coursework based upon their area of interest:

Accounting  
 Anthropology  
 Art  
 American Studies  
 Christian Ministry Studies  
 Criminal Justice  
 Communications  
 Education  
 English  
 Entrepreneurial Studies  
 Exercise Science  
 Finance

Human Resource Management  
 International Business  
 Management  
 Marketing  
 Physical Education  
 Political Science/Public Administration  
 Psychology  
 Recreation Administration  
 Sociology  
 Sport Management  
 Social Work

*Note: Those students seeking certification with Nonprofit Leadership Alliance must also complete NPA 28900, Nonprofit Leadership Alliance Institute.*

### Early Access to the MA Program in Nonprofit Administration

With approval from the Dean of Human Services and the Provost, students may take up to nine semester hours at the graduate level during their senior year. These hours will count toward the MA in Nonprofit Administration but not toward the bachelor's degree. A student must be enrolled in at least 12 credit hours of undergraduate classes each semester that he or she is taking MA credits under this option.

### Nonprofit Leadership Alliance

Through its 85 affiliated campus programs, 22 affiliated national nonprofit agencies, and 14 collaborating professional agencies, Nonprofit Leadership Alliance recruits, educates, and places competent professionals in careers with nonprofit youth and human service agencies. Students who complete this nationally recognized Certificate in Nonprofit Management and Leadership from the Nonprofit Leadership Alliance are highly regarded candidates for employment with national and local nonprofits as well as for opportunities in the public and private sectors. This certification is open to all students. Students in the Nonprofit Administration degree program may earn this National Certification by adhering to the NPA program guidelines and by attending one Nonprofit Leadership Alliance Management Institute (NPA 28900). It is highly recommended that each student in the NPA program seek this certification. Interested students should contact the director of the Nonprofit Leadership Alliance Program.

## NONPROFIT ADMINISTRATION BA

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61 credit hours

### Requirements

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Students seeking the major in nonprofit administration will complete 40 credit hours of directed studies in nonprofit leadership and management. In addition, the student must complete 21 credit hours of coursework at or above the 30000 level from within any departments (from those listed below).

The following courses constitute the core requirements for all nonprofit administration majors:

NPA 10000	Introduction to Nonprofit Organizations and Community Service
NPA 20100	Nonprofit Administration Student Association
NPA 30000	Fundraising
NPA 30300	Human Resource Management
NPA 35000	Management of Nonprofit Organizations
NPA 35100	Volunteer Management
NPA 36000	Leadership in Nonprofit Organizations
NPA 37100	Grantwriting
NPA 38500	Nonprofit Budgeting and Financial Management
NPA 45000	Internship
NPA 48000	Senior Seminar
SW 10000	Intercultural Communication

*Note: NPA 20100: only one credit hour can be used toward core requirements.*

Plus 6 elective credit hours from the following options:

NPA 19000-19999	Special Topics in Nonprofit Administration
NPA 20100	Nonprofit Administration Student Association
NPA 29000-29999	Special Topics in
NPA 20400	Leadership Experience
NPA 30200	Individual Giving and Special Events
NPA 45100	Nonprofit Leadership Alliance Internship
NPA 49000-49999	Special Topics in Nonprofit Administration

*Notes: (1) NPA 20100: 1-3 credit hours*

*(2) NPA 20400: This course, Leadership Experience (1), is repeatable for credit and can be taken up to four times; however, only one credit hour will be applied to the major elective requirements for the nonprofit administration degree.*

Plus 21 credit hours of coursework at or above the 30000 level. Students select the department in which to complete this coursework based upon their area of interest:

Accounting  
 Anthropology  
 Art  
 American Studies  
 Christian Ministry Studies  
 Criminal Justice  
 Communications  
 Education  
 English  
 Entrepreneurial Studies  
 Exercise Science  
 Finance  
 Human Resource Management  
 International Business  
 Management  
 Marketing  
 Physical Education  
 Political Science/Public Administration  
 Psychology  
 Recreation Administration  
 Sociology  
 Sport Management  
 Social Work

*Note: Those students seeking certification with Nonprofit Leadership Alliance must also complete NPA 28900, Nonprofit Leadership Alliance Institute.*

## NONPROFIT ADMINISTRATION COMBINED BA AND MA PROGRAM

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Effective fall 2014, full-time undergraduate Lindenwood University students can earn a combined BA/MA Nonprofit Administration (NPA) degree within five years. The combined degree program allows a student with a minimum of a 3.0 GPA to begin taking graduate-level NPA classes as early as the student's junior year at the undergraduate tuition rate. The program is rigorous in format and in hours taken and, therefore, requires organizing a four year-plan of study that will require a high level of coordination between the student and the NPA academic advisor. In addition to appropriate coursework, the program will incorporate an intensive six-hour internship (two consecutive semesters of 150 hours of placement, for a total of 300 hours) in addition to the prescribed coursework. Interested students should contact Dr. Julie Turner, department chair for NPA, during their freshman or sophomore year (at the latest) to apply.

## NONPROFIT ADMINISTRATION MINOR

24 credit hours

### Requirements

Course requirements for the minor in nonprofit administration include:

NPA 35000	Management of Nonprofit Organizations
NPA 36000	Leadership in Nonprofit Organizations
NPA 30000	Fundraising
NPA 35100	Volunteer Management
NPA 10000	Introduction to Nonprofit Organizations and Community Service

Plus 9 credit hours selected from these options:

NPA 38500	Nonprofit Budgeting and Financial Management
NPA 45000	Internship
NPA 29000-29999	Special Topics in
NPA 37100	Grantwriting

## Social Work Department

*Dr. Dana Klar, Chair*

The Department of Social Work offers a Bachelor of Social Work (BSW) that prepares graduates for generalist (entry level) social work practice, helping people help themselves. The degree focuses on social work values and ethics, diversity, social and economic justice, populations-at-risk, and practice at the individual, group, family, organizational, community and societal levels (micro, mezzo, and macro levels).

Entering a social work degree program will provide veterans with the knowledge, skills and values that are instilled in their training while serving in the U.S. military. Leadership, integrity, respect for diversity, critical thinking, effective communication skills, and a concern for the welfare of others are core values in the social work profession, and many veterans will readily identify with our professional goals of serving marginalized populations in need of social services. Whether it is working with youth, adults or senior citizens, social workers provide support, resource development and guidance for vulnerable people. Veterans will be able to develop their skills in providing a wide range of services. Upon completion of the social work degree, veterans will be prepared to serve. Becoming a social worker following military service is a great career choice.

The social work program does not grant academic credit for life experience or previous work experience.

The social work program is accredited by the Council on Social Work Education (CSWE). Formal admission to the social work program is required in order to enroll in courses in the practice sequence: SW 31000, SW 31100, SW 31200, and the field practicum, SW 45000.

Students are formally admitted to the major in social work after having completed 45 credit hours of coursework and completion of an application procedure available from the social work department chair.

Students intending to become fully admitted into the social work major should contact the social work department chair to obtain complete information regarding admission to the program.

## SOCIAL WORK BSW

68 credit hours

### Requirements

The bachelor's degree in social work requires the following courses:

SW 10000	Intercultural Communication
SW 10500	Social Service Agency Observation
SW 11000	Introduction to Social Work
SW 24000	Human Diversity and Social Justice
SW 27000	Human Behavior in the Social Environment I
SW 28500	Human Behavior in the Social Environment II
SW 31000	Social Work Practice I
SW 31100	Social Work Practice II
SW 31200	Social Work Practice III
SW 32000	Social Welfare Policy and Services I
SW 32500	Social Work Research Methods
SW 36000	Service Learning
SW 42100	Social Welfare Policy and Services II
SW 45000	Field Practicum

Three credit hours of 30000-level SW elective coursework are also required.

Also required are the following courses:

BSC 10700	Human Biology
MTH 14100	Basic Statistics
PSY 10000	Principles of Psychology
PS 15500	American Government: The Nation or
PS 15600	American Government: The States and
SOC 10200	Basic Concepts of Sociology

## SOCIAL WELFARE MINOR

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*21 credit hours*

### **Requirements**

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A minor in social welfare requires 21 credit hours of coursework including:

SW 11000	Introduction to Social Work
SW 24000	Human Diversity and Social Justice
SW 32000	Social Welfare Policy and Services I
SW 42100	Social Welfare Policy and Services II
PS 15500	American Government: The Nation Or
PS 15600	American Government: The States

Plus six additional credit hours in any other social work (SW) courses.

## SCHOOL OF HUMANITIES

### American Studies Program

*Dr. Michael Whaley, Chair*

The American Studies program offers a minor in American studies. American studies scholarship seeks to explain or interpret the many fluid, shifting cultures comprising the United States by examining them from a variety of perspectives. The American Studies minor can be particularly attractive to students majoring in history, political science, and philosophy.

#### AMERICAN STUDIES MINOR

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*18 credit hours*

##### Requirements

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A minor in American studies requires the following courses:

AST 20100	The American Promise
REL 20200	Religion in America

One of the following:

HIS 10500	America: Colony to Civil War
HIS 10600	America: Civil War to World Power

One of the following:

ENGL 23500	American Literature I
ENGL 23600	American Literature II

Plus two electives selected from these options:

PS 15500	American Government: The Nation
PS 15600	American Government: The States
REL 15000	World Religions
MUS 15000	Music in America

### Chinese Studies Department

*Dr. Ryan Guffey, Chair*

The Department of Chinese Studies offers a minor in Chinese studies.

#### CHINESE STUDIES MINOR

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*21 credit hours*

##### Requirements

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A minor in Chinese studies requires the following courses:

CHI 10100	Elementary Mandarin I
CHI 10200	Elementary Mandarin II
CHI 20100	Intermediate Mandarin I
CHI 20200	Intermediate Mandarin II
CSP 20000	Chinese Culture and Etiquette
CSP 37000	Contemporary China: China in Revolution
HIS 20500	History of Asia

*Study Abroad may be taken instead of HIS 20500 and CSP 37000: Nine hours of coursework will be determined in consultation with the student's advisor in Chinese and will depend on what the student needs, based on when in the sequence of his/her Chinese coursework he/she has opted to study abroad.*

### English Language and Literature Department

*Dr. Kyle Glover, Chair*

The Department of English Language and Literature offers a Bachelor of Arts in the following areas:

- English Literature
- Creative Writing

The department offers minors in the following areas:

- English Literature
- Creative Writing
- Writing and Professional Communication

*Beginning academic year 2015/2016, the name of this department changed from English to English Language and Literature, and the prefix for course numbers changed from ENG to ENGL.*

#### ENGLISH LITERATURE BA

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*51 credit hours*

The Bachelor of Arts in English Literature prepares students to use language both persuasively and creatively and to read, think, and write critically in any setting. Graduates pursue a variety of professional objectives and career paths, including graduate school in literature and creative writing, law school, teaching at the secondary level, journalism, technical and business writing, copywriting, editing, and proofreading.

A major in English Literature requires 48 credit hours of coursework through the Department of English Language and Literature plus the foreign language requirement listed below.

The major is structured to provide students with a broad expertise in British, American, and Anglophone literatures while also allowing them the opportunity to conduct in-depth explorations of topics of their choosing.

##### Requirements

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Three required courses:

ENGL 30100	Methods of Literary Study
ENGL 33300	Shakespeare



ENGL 45400 Senior Thesis

One course selected from the following options:

ENGL 20100 World Literature I  
ENGL 20200 World Literature II

One course selected from the following options:

ENGL 20500 British Literature I  
ENGL 20600 British Literature II

One course selected from the following options:

ENGL 23500 American Literature I  
ENGL 23600 American Literature II

One course selected from the following options:

ENGL 20000-20099 Introduction to Literature  
ENGL 20100 World Literature I  
ENGL 20200 World Literature II  
ENGL 20500 British Literature I  
ENGL 20600 British Literature II  
ENGL 23500 American Literature I  
ENGL 23600 American Literature II

Two courses selected from the following options in early literatures:

ENGL 33200 Chaucer  
ENGL 33800 Medieval English Literature  
ENGL 33900 Early Modern Literature  
ENGL 34100 Restoration and 18th-Century Literature  
ENGL 35200 Early American Literature

Two courses selected from the following options in post-1785 literatures:

ENGL 30900 The Novel  
ENGL 34200 English Romantic Literature  
ENGL 34300 19th Century Literature  
ENGL 35300 Modern American Literature  
ENGL 35500 20th- and 21st-Century Literature

Two courses selected from the following options that provide in-depth analyses of topics in literature:

ENGL 34700-34799 Topics in American Literature  
ENGL 35700-35799 Topics in British Literature  
ENGL 38000-38099 Advanced Topics in Literature  
ENGL 38100-38199 Advanced Topics in Literature

One course selected from the following options in Form, Language, and Textual Studies:

ENGL 37200 Modern Grammar  
ENGL 38200-38299 Advanced Topics in English  
ENGL 40400 History of the English Language

One course selected from the following options in Form, Language, and Textual Studies:

ENGL 21400 Introduction to Writing Poetry  
ENGL 21500 Introduction to Writing Fiction  
ENGL 22200 Writing Creative Non-Fiction  
ENGL 37200 Modern Grammar  
ENGL 38200-38299 Advanced Topics in English  
ENGL 40400 History of the English Language

One course selected from any 20000-, 30000-, or 40000-level ENGL course, except for ENGL 29000-29999 and ENGL 39000-39999.

*Note: No duplication of coursework is allowed.*

English Literature majors must demonstrate proficiency in one foreign language equivalent to Lindenwood University's Intermediate II level. Students who have experience in a foreign language before they enroll at Lindenwood may have their proficiency tested by the Department of Foreign Languages to determine which courses, if any, they must take to fulfill the requirement.

English Literature majors should take ENGL 30100 as soon as possible after completing ENGL 17000.

## CREATIVE WRITING BA

*54 credit hours*

The Bachelor of Arts in Creative Writing prepares students to use language both persuasively and creatively and to read, think, and write critically in any setting. Graduates pursue a variety of professional objectives and career paths, including graduate school in literature and creative writing, law school, teaching at the secondary level, journalism, technical and business writing, copywriting, editing, and proofreading.

A major in Creative Writing with an emphasis in creative writing requires 45 credit hours of coursework plus the general education and foreign language requirements listed below.

### Requirements

Three required courses:

ENGL 21400 Introduction to Writing Poetry  
ENGL 21500 Introduction to Writing Fiction  
ENGL 47000 Seminar in Writing

Three courses selected from the following options:

ENGL 25500 Literary Craft for Writers  
ENGL 32100 Advanced Fiction Writing  
ENGL 32300 Advanced Poetry Writing  
ENGL 34000 Advanced Creative Non-Fiction Writing

Two courses selected from the following options:

ENGL 30700	The Teaching of Writing
ENGL 36300	Theory of Language
ENGL 36700	Research and the Creative Writer

Five courses selected from the following options:

ENGL 20800	Introduction to Writing and Rhetoric
ENGL 21200	Introduction to Technical and Professional Writing
ENGL 22200	Writing Creative Non-Fiction
ENGL 28200-28299	Selected Topics in English
ENGL 30100	Methods of Literary Study
ENGL 31500	The Literary Journal: Arrow Rock and beyond
ENGL 35800	Writer's Market
ENGL 37200	Modern Grammar
ENGL 38200-38299	Advanced Topics in English

One course selected from the following options:

ENGL 25600	Survey of Greek Literature
ENGL 33200	Chaucer
ENGL 33300	Shakespeare
ENGL 33800	Medieval English Literature
ENGL 33900	Early Modern Literature
ENGL 34100	Restoration and 18th-Century Literature
ENGL 34200	English Romantic Literature
ENGL 34300	19th Century Literature
ENGL 35200	Early American Literature

*Some ENGL 28000-28099, ENGL 28100-28199, and ENGL 34700-34799 courses may be substituted with permission of the dean.*

One course selected from the following options:

ENGL 27600	African-American Literature
ENGL 27800	Latino Literature
ENGL 35300	Modern American Literature
ENGL 35500	20th- and 21st-Century Literature

*Some ENGL 28000-28099, ENGL 28100-28199, ENGL 34700-34799, ENGL 35700-35799, ENGL 38000-38099, and ENGL 38100-38199 courses may be substituted with permission of the dean.*

Creative Writing majors must take one course selected from the following options:

ENGL 20100	World Literature I
ENGL 20200	World Literature II

Creative Writing majors must take one course selected from the following options:

ENGL 20100	World Literature I
ENGL 20200	World Literature II
ENGL 20500	British Literature I
ENGL 20600	British Literature II

ENGL 23500	American Literature I
ENGL 23600	American Literature II

*Note: No duplication of coursework is allowed.*

Creative Writing majors must demonstrate proficiency in one foreign language equivalent to Lindenwood University's Intermediate II level. Students who have experience in a foreign language before they enroll at Lindenwood may have their proficiency tested by the Department of Foreign Languages to determine which courses, if any, they must take to fulfill the requirement.

## TEACHER CERTIFICATION IN ENGLISH

To fulfill the academic requirements to be certified to teach English at the secondary level (grades 9-12), students must complete a major in English Literature, ENGL 37200, a minor in secondary education (9-12), and EDU 33400. See the description of the minor in secondary education (9-12) in the School of Education section of this catalog (p. 81).

## ENGLISH LITERATURE MINOR

*21 credit hours*

### Requirements

One required course:

ENGL 33300	Shakespeare
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Two courses selected from the following options:

ENGL 20100	World Literature I
ENGL 20200	World Literature II
ENGL 20500	British Literature I
ENGL 20600	British Literature II
ENGL 23500	American Literature I
ENGL 23600	American Literature II

Two courses selected from the following options after consultation with the English faculty:

ENGL 25600	Survey of Greek Literature
ENGL 27600	African-American Literature
ENGL 27800	Latino Literature
ENGL 28000-28099	Selected Topics in Literature
ENGL 28100-28199	Selected Topics in Literature
ENGL 28200-28299	Selected Topics in English
ENGL 30100	Methods of Literary Study
ENGL 30900	The Novel
ENGL 33200	Chaucer
ENGL 33800	Medieval English Literature
ENGL 33900	Early Modern Literature
ENGL 34100	Restoration and 18th-Century Literature
ENGL 34200	English Romantic Literature
ENGL 34300	19th Century Literature

ENGL 34700-34799	Topics in American Literature
ENGL 35200	Early American Literature
ENGL 35300	Modern American Literature
ENGL 35500	20th- and 21st-Century Literature
ENGL 35700-35799	Topics in British Literature
ENGL 38000-38099	Advanced Topics in Literature
ENGL 38100-38199	Advanced Topics in Literature
ENGL 38200-38299	Advanced Topics in English
ENGL 40400	History of the English Language

Two courses selected from the following options after consultation with the English faculty:

ENGL 30100	Methods of Literary Study
ENGL 30900	The Novel
ENGL 33200	Chaucer
ENGL 33800	Medieval English Literature
ENGL 33900	Early Modern Literature
ENGL 34100	Restoration and 18th-Century Literature
ENGL 34200	English Romantic Literature
ENGL 34300	19th Century Literature
ENGL 34700-34799	Topics in American Literature
ENGL 35200	Early American Literature
ENGL 35300	Modern American Literature
ENGL 35500	20th- and 21st-Century Literature
ENGL 35700-35799	Topics in British Literature
ENGL 37200	Modern Grammar
ENGL 38000-38099	Advanced Topics in Literature
ENGL 38100-38199	Advanced Topics in Literature
ENGL 38200-38299	Advanced Topics in English
ENGL 40400	History of the English Language

## CREATIVE WRITING MINOR

*30 credit hours*

### Requirements

A minor in creative writing requires 30 credit hours of coursework.

Three required courses:

ENGL 21400	Introduction to Writing Poetry
ENGL 21500	Introduction to Writing Fiction
ENGL 25500	Literary Craft for Writers

Two courses selected from the following options:

ENGL 32100	Advanced Fiction Writing
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ENGL 32300	Advanced Poetry Writing
ENGL 34000	Advanced Creative Non-Fiction Writing

Two courses selected from the following options:

ENGL 20800	Introduction to Writing and Rhetoric
ENGL 21200	Introduction to Technical and Professional Writing
ENGL 22200	Writing Creative Non-Fiction
ENGL 28200-28299	Selected Topics in English
ENGL 30100	Methods of Literary Study
ENGL 30700	The Teaching of Writing
ENGL 31500	The Literary Journal: Arrow Rock and beyond
ENGL 35800	Writer's Market
ENGL 36300	Theory of Language
ENGL 36700	Research and the Creative Writer
ENGL 37200	Modern Grammar
ENGL 38200-38299	Advanced Topics in English

One course selected from the following options:

ENGL 33200	Chaucer
ENGL 33300	Shakespeare
ENGL 33800	Medieval English Literature
ENGL 33900	Early Modern Literature
ENGL 34100	Restoration and 18th-Century Literature
ENGL 34200	English Romantic Literature
ENGL 34300	19th Century Literature
ENGL 34700-34799	Topics in American Literature
ENGL 35200	Early American Literature
ENGL 35300	Modern American Literature
ENGL 35500	20th- and 21st-Century Literature
ENGL 35700-35799	Topics in British Literature
ENGL 38000-38099	Advanced Topics in Literature
ENGL 38100-38199	Advanced Topics in Literature

Creative Writing minors must take one course selected from the following options to fulfill their general education literature requirement:

ENGL 20100	World Literature I
ENGL 20200	World Literature II

Creative Writing minors must take one course selected from the following options to fulfill their general education literature requirement:

ENGL 20100	World Literature I
ENGL 20200	World Literature II
ENGL 20500	British Literature I
ENGL 20600	British Literature II

ENGL 23500	American Literature I
ENGL 23600	American Literature II

*Note: No duplication of coursework is allowed.*

## WRITING AND PROFESSIONAL COMMUNICATION MINOR

21 credit hours

### Requirements

A minor in writing and professional communication requires 21 credit hours of coursework.

Two required courses:

ENGL 20800	Introduction to Writing and Rhetoric
ENGL 21200	Introduction to Technical and Professional Writing

Five courses selected from the following options:

ENGL 21400	Introduction to Writing Poetry
ENGL 21500	Introduction to Writing Fiction
ENGL 30100	Methods of Literary Study
ENGL 30700	The Teaching of Writing
ENGL 32100	Advanced Fiction Writing
ENGL 32300	Advanced Poetry Writing
ENGL 34000	Advanced Creative Non-Fiction Writing
ENGL 36300	Theory of Language
ENGL 37200	Modern Grammar
ENGL 40400	History of the English Language
COM 13500	Introduction to Journalism
COM 24200	Basic Reporting
COM 28100	Feature Writing
COM 28200	Editing
COM 30000	Online Journalism
COM 30300	Written Communication for Business
COM 30600	Advanced Reporting
COM 32700	Media Literacy
NPA 37100	Grantwriting

## English Preparedness Program

*Sara Marler-Rayfield, Chair*

To best serve the needs of the undergraduate international student community, the English Preparedness Program (EPP) provides both English as a second language (ESL) instruction and academic advising to undergraduate international students.

Upon arrival, all international students, regardless of their TOEFL scores, undergo on-site English language evaluation to assess classroom readiness and to assure appropriate placement in English classes. Based on the English language evaluation scores, a student may (1) enter directly into general education courses, (2) enroll in a combination of EPP courses and general education courses, (3) enroll in only EPP courses until the student's

language proficiency is such that he or she is prepared to enter general education courses, or (4) enroll in pre-college courses in the University's English as a Second Language (ESL) Program if necessary.

*Note: No international student's schedule will be confirmed until he or she has taken the English language placement exam. Students arriving after the placement exam has been administered must contact the EPP coordinator for information regarding immediate placement testing.*

Non-native English speaking students' placement into English courses depends on the students' placement test scores, writing samples, and previous experience at institutions of higher education in the United States. Students whose placement exam scores indicate a beginning or intermediate English proficiency will be placed in the appropriate EPP courses.\* Students who are placed in only EPP courses should not take any additional coursework other than Freshman Experience. Students who are placed into a combination of EPP and general education or other introductory coursework should take no more than 15 semester hours of coursework. All students who are enrolled in EPP courses will be advised by EPP faculty until they are prepared to be assigned to a content area advisor.

Students whose placement exam scores indicate advanced language proficiency will be placed in general education or other introductory content courses but may still be recommended for placement in EPP 11000 or EPP 15000 if their placement exam scores indicate that they would benefit from English courses with attention to second language learner issues. (Students whose English proficiency is assessed to be native-like will be recommended for placement in ENGL 15000).

Students who place into EPP courses are promoted through the EPP curriculum based on exit exam scores, portfolio reviews, or professor recommendations.

*\*Students whose English language evaluation results indicate a level of English language proficiency below the level necessary for placement into EPP courses will be placed into courses within the University's English as a Second Language (ESL) Program, where they will receive pre-college English language instruction.*

See the course descriptions section of this catalog for a complete description of the EPP courses listed below.

### **EPP 10000, EPP 10100, EPP 10500, EPP 10600, & EPP 12000**

These courses count toward the student's 128 credit hour requirement for graduation but do not fulfill general education requirements.

### **EPP 11000**

Based on English placement scores, this course may be required prior to EPP 15000 or ENGL 15000. This course counts toward the student's 128 credit hour requirement

for graduation, but does not fulfill the Strategies for University Writing (ENGL 15000) general education requirement and is counted as an elective.

### **EPP 15000**

*Equivalent to ENGL 15000, with attention to ESL issues*

This course counts toward the student's 128 credit hour requirement for graduation and fulfills the general education Strategies for University Writing (ENGL 15000) requirement. This course is equivalent to (not a prerequisite for) ENGL 15000. Students receiving a C or better in this course are eligible to take ENGL 17000.

## **Foreign Languages Department**

*Dr. Nancy Durbin, Chair*

The Department of Foreign Languages offers a Bachelor of Arts in the following areas:

- French
- Spanish

The department offers minors in these areas:

- French, Lindenwood University Campus
- French, France Campus
- Spanish, Lindenwood University Campus
- Spanish, Costa Rica Campus
- Spanish, Spain Campus

The department also offers courses in the German and Chinese languages.

All students majoring in French or Spanish will be required to complete some portion of their degree off campus. French majors must complete 18 hours of elective courses at the campus in Caen, France. Spanish majors will be required to complete 15 credit hours in Costa Rica or Spain.

All students majoring or minoring in French or Spanish must complete all courses beyond the 20200 level with a grade of C or better. In addition, students must have a 2.5 GPA in major coursework to graduate with the major.

All students participating in the semester abroad programs administered through the Department of Foreign Languages are required to have a minimum GPA of 2.0 and the approval of the director of the program.

All students seeking a major or minor in French or Spanish must first demonstrate language proficiency through the Intermediate French II/Spanish II (FRE 20200/SPA 20200) level before they are allowed to continue in the major or minor. Proficiency can be demonstrated either through successful completion of proficiency examination, by successful completion of FRE 20200 or SPA 20200

(including all of its prerequisite courses), or by determination of the language faculty. In all cases, proficiency must be properly documented.

## **French Language Program**

### **FRENCH BA**

*39 credit hours*

The Bachelor of Arts in French provides students the education and training necessary to meet the certification qualifications to teach French in the State of Missouri as well as the content and experience in the language, culture, and literature necessary for graduate study and to work in a wide variety of other-than academic fields such as government, arts/media/entertainment, industry and commerce, travel and tourism, interpretation or translation, educational (aside from teaching) and other social occupations, and health services, as well as the unexpected professional opportunities that sometimes arise.

A major in French requires 39 credit hours of coursework beyond the Intermediate French II (FRE 20200) level or equivalent proficiency. Of these 39 credit hours, 18 will be taken in France.

### **Requirements**

Five required courses at the St. Charles campus:

FRE 31100	French Conversation and Composition I
FRE 31200	French Conversation and Composition II
FRE 33700	History of French Civilization
FRE 35000	Masterpieces of French Literature to 1800
FRE 35100	Masterpieces of French Literature since 1800

Two courses at the St. Charles campus selected from the following options:

FRE 40000-40099	Seminar on Selected Authors and Genres of French Literature
FRE 41000	Seventeenth-Century French Theatre
FRE 41100	Rise of the French Novel
FRE 41200	French and Francophone Women Writers
FRE 41300	Twentieth-Century French Theatre
FRE 41400	French Autobiography

Eighteen credit hours at the Caen, France campus selected from the following options:

FRE 14304	Oral and Written Communication I
FRE 14305	Grammar I
FRE 14306	Control of the Phonological System I
FRE 14307	French Society and Culture I
FRE 24304	Oral and Written Communication II
FRE 24305	Grammar II
FRE 24306	Control of the Phonological System II
FRE 24307	French Society and Culture II
FRE 34314	Oral and Written Communication III
FRE 34315	Grammar III

FRE 34316	Phonetics I
FRE 34317	Literature I
FRE 34318	Geography and Institutions
FRE 34319	Gastronomy and Heritage
FRE 34320	Cooperative Project
FRE 34321	Oral and Written Communication IV
FRE 34322	Grammar IV
FRE 34323	Phonetics II
FRE 34324	Literature II
FRE 34325	Society and Institutions
FRE 34326	Global Simulation
FRE 34327	Writing Workshop
FRE 34328	Discourse Control
FRE 34329	Thoughtful Observation of Language
FRE 34330	Cross Cultural Itinerary I
FRE 34331	Literature/Culture I
FRE 34332	Analysis of Literary Texts
FRE 34333	Arts I
FRE 34334	Media
FRE 34335	Culture Project I
FRE 34336	Epistemology
FRE 34337	Analysis of Academic Discourse I
FRE 34338	Disciplinary Project I
FRE 34339	Speech Control
FRE 34340	Enunciative Linguistics
FRE 34341	Rhetoric and Argumentation I
FRE 34342	Cross Cultural Itinerary II
FRE 34343	Literature/Culture II
FRE 34344	Literature/History of Literature
FRE 34345	Philosophy
FRE 34346	Sociolinguistics
FRE 34347	Cultural Project II
FRE 34348	Epistemology II
FRE 34349	Analysis of Academic Discourse II
FRE 34350	Disciplinary Project II
FRE 44300	Cognitive Linguistics
FRE 44301	Linguistics and Variation
FRE 44302	Rhetoric and Argumentation II
FRE 44303	Literature and Representations
FRE 44304	France in the New World Order
FRE 44305	Arts II
FRE 44306	Thesis
FRE 44307	Teachings in the Department of Choice

## TEACHER CERTIFICATION IN FRENCH

To fulfill the academic requirements to be eligible to be certified to teach French, students must complete a major in French, a minor in education (K-12), and EDU 33200. See the description of the minor in education (K-12) in the School of Education section of this catalog.

## FRENCH MINOR

*18 credit hours*

### Requirements

This minor in French requires 18 credit hours beyond the Intermediate French II (FRE 20200) level.

Five required courses:

FRE 31100	French Conversation and Composition I
FRE 31200	French Conversation and Composition II
FRE 33700	History of French Civilization
FRE 35000	Masterpieces of French Literature to 1800
FRE 35100	Masterpieces of French Literature since 1800

One literature seminar selected from the following options:

FRE 40000-40099	Seminar on Selected Authors and Genres of French Literature
FRE 41000	Seventeenth-Century French Theatre
FRE 41100	Rise of the French Novel
FRE 41200	French and Francophone Women Writers
FRE 41300	Twentieth-Century French Theatre
FRE 41400	French Autobiography

### France Option

*27 credit hours*

This minor in French requires 27 credit hours beyond the Intermediate French II (FRE 20200) level or equivalent proficiency, 18 hours of coursework in France, and nine additional hours of coursework to be selected from the following options:

FRE 31100	French Conversation and Composition I
FRE 31200	French Conversation and Composition II
FRE 33700	History of French Civilization
FRE 35000	Masterpieces of French Literature to 1800
FRE 35100	Masterpieces of French Literature since 1800

The courses to be selected will be determined in consultation with the student's advisor in French and will depend on what the student needs, based on when in the sequence of his/her French coursework he/she has opted to study abroad.

**Spanish Language Program****SPANISH BA***39 credit hours*

The Bachelor of Arts in Spanish provides students the education and training necessary for students to meet the certification qualifications to teach Spanish in the State of Missouri as well as the content and experience in the language, culture, and literature necessary for graduate study and to work in a wide variety of other-than-academic fields such as government, arts/ media/entertainment, industry and commerce, travel and tourism, interpretation or translation, educational (aside from teaching) and other social occupations, and health services, as well as the unexpected professional opportunities that sometimes arise.

A major in Spanish requires 39 credit hours of coursework beyond the Intermediate Spanish II (SPA 20200) level or equivalent proficiency. Of these 39 credit hours, 15 will be taken in Costa Rica or Spain.

**Requirements**

Six required courses at the St. Charles campus:

SPA 31100	Advanced Oral Expression
SPA 31200	Advanced Written Expression
SPA 33500	Peninsular Spanish Culture and Civilization
SPA 33600	Latin American Culture and Civilization
SPA 35000	Masterpieces of Peninsular Spanish Literature
SPA 35100	Masterpieces of Spanish-American Literature

Two courses at the St. Charles campus selected from the following options:

SPA 40000-40099	Seminar on Selected Authors and Genres of Spanish and Spanish-American Literatures
SPA 41200	Spanish Romanticism
SPA 41300	Major Movements in the 19th-Century Spanish Novel
SPA 41500	The 20th-Century Spanish Novel
SPA 41600	The Role of Women in Hispanic Societies
SPA 41800	The Spanish-American Short Story
SPA 42100	The Spanish-American Regional Novel

**Costa Rica Option:**

Three required courses in Costa Rica

SPA 31300	Advanced Spanish Composition Workshop
SPA 31400	Introduction to Spanish Linguistics

SPA 33700	Costa Rica: History and Society of 19th and 20th Centuries
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Two courses in Costa Rica selected from the following options:

SPA 32121	Literature of Costa Rica
SPA 32122	Latin American Theater
SPA 32123	Literature of the Spanish Conquest Period
SPA 32124	Literature of the Spanish Language: Open Topics

**Spain Option:**

One required course in Spain:

SPA 32100	Practical Oral/Written Expression
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Twelve credit hours in Spain selected from the following options:

SPA 32101	Advanced Spanish Grammar
SPA 32102	Business Spanish
SPA 32103	English-Spanish Translation
SPA 32104	Islamic Culture in Spain
SPA 32105	Jewish Culture in Spain
SPA 32106	Selected Periods in the History of Spain
SPA 32107	Selected Periods in the History of Latin America
SPA 32108	Geography of Spain
SPA 32109	Society and Politics in Modern Spain
SPA 32110	The Political System of the European Union
SPA 32111	Economy and Business in Spain and Latin America
SPA 32112	The Spanish and Latin American Economies
SPA 32113	History of Art in Spain
SPA 32114	Selected Periods of the History of Art in Spain
SPA 32115	History of Spanish Cinema
SPA 32116	Health, Ecology, and the Environment in Spain
SPA 32117	Special Topics: Culture
SPA 32118	Selected Authors, Works, & Themes in Spanish Literature
SPA 32119	Selected Authors, Works, and Themes in Latin American Literature
SPA 32120	Spanish Theater

*Note: All 30000- and 40000-level culture and literature courses are conducted in Spanish.*

## TEACHER CERTIFICATION IN SPANISH

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To fulfill the academic requirements to be eligible to be certified to teach Spanish, students must complete a major in Spanish, a minor in education (K-12), and EDU 33200. See the description of the minor in education (K-12) in the School of Education section of this catalog.

## SPANISH MINOR

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### Lindenwood University Campus Option:

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*21 credit hours*

This minor in Spanish requires 21 credit hours beyond the Intermediate Spanish II (SPA 20200) level or equivalent proficiency. Required courses include:

SPA 31100	Advanced Oral Expression
SPA 31200	Advanced Written Expression
SPA 33500	Peninsular Spanish Culture and Civilization
SPA 33600	Latin American Culture and Civilization
SPA 35000	Masterpieces of Peninsular Spanish Literature
SPA 35100	Masterpieces of Spanish-American Literature

One course selected from the following options:

SPA 40000-40099	Seminar on Selected Authors and Genres of Spanish and Spanish-American Literatures
SPA 41200	Spanish Romanticism
SPA 41300	Major Movements in the 19th-Century Spanish Novel
SPA 41500	The 20th-Century Spanish Novel
SPA 41600	The Role of Women in Hispanic Societies
SPA 41800	The Spanish-American Short Story
SPA 42100	The Spanish-American Regional Novel

### Costa Rica Option:

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*30 credit hours*

This minor in Spanish requires 30 credit hours beyond the Intermediate Spanish II (SPA 20200) level or equivalent proficiency. Required courses include:

SPA 33500	Peninsular Spanish Culture and Civilization
SPA 33600	Latin American Culture and Civilization
SPA 33700	Costa Rica: History and Society of 19th and 20th Centuries
SPA 35000	Masterpieces of Peninsular Spanish Literature
SPA 35100	Masterpieces of Spanish-American Literature

Three courses selected from the following options:

SPA 31100	Advanced Oral Expression
SPA 31200	Advanced Written Expression
SPA 31300	Advanced Spanish Composition Workshop
SPA 31400	Introduction to Spanish Linguistics

Two courses selected from the following options:

SPA 32121	Literature of Costa Rica
SPA 32122	Latin American Theater
SPA 32123	Literature of the Spanish Conquest Period
SPA 32124	Literature of the Spanish Language: Open Topics

### Spain Option:

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*30 credit hours*

This minor in Spanish requires 30 credit hours beyond the Intermediate Spanish II (SPA 20200) level or equivalent proficiency. Required courses include:

SPA 31100	Advanced Oral Expression
SPA 31200	Advanced Written Expression
SPA 33500	Peninsular Spanish Culture and Civilization
SPA 33600	Latin American Culture and Civilization
SPA 35000	Masterpieces of Peninsular Spanish Literature
SPA 35100	Masterpieces of Spanish-American Literature

Plus 12 additional credit hours selected from courses offered in Spain:

SPA 32100	Practical Oral/Written Expression
SPA 32101	Advanced Spanish Grammar
SPA 32102	Business Spanish
SPA 32103	English-Spanish Translation
SPA 32104	Islamic Culture in Spain
SPA 32105	Jewish Culture in Spain
SPA 32106	Selected Periods in the History of Spain
SPA 32107	Selected Periods in the History of Latin America
SPA 32108	Geography of Spain
SPA 32109	Society and Politics in Modern Spain
SPA 32110	The Political System of the European Union
SPA 32111	Economy and Business in Spain and Latin America
SPA 32112	The Spanish and Latin American Economies
SPA 32113	History of Art in Spain
SPA 32114	Selected Periods of the History of Art in Spain



SPA 32115	History of Spanish Cinema
SPA 32116	Health, Ecology, and the Environment in Spain
SPA 32117	Special Topics: Culture
SPA 32118	Selected Authors, Works, & Themes in Spanish Literature
SPA 32119	Selected Authors, Works, and Themes in Latin American Literature
SPA 32120	Spanish Theater

## Gender Studies Program

*Dr. Heather Brown-Hudson, Chair*

A minor in gender studies is offered.

### GENDER STUDIES MINOR

*18 credit hours*

#### Requirements

A minor in gender studies requires 18 credit hours of coursework.

Two required courses:

GS 20101	A Global Introduction to Gender Studies
GS 30000	Gender Theory

Four courses selected from the following options:

ANT 31800	Race, Ethnicity, and Gender: A Global Perspective
ARTH 36300	Early Modern Gender Studies
ARTH 38400	Classical Myth
CJ 31500	Victimology
CJ 35005	Women, Crime, and the Law
COM 32700	Media Literacy
DAN 37100	Dance in the 21st Century
ENGL 34200	English Romantic Literature
FRE 41200	French and Francophone Women Writers
FRE 41400	French Autobiography
GS 28600-28699	Selected Topics in Gender Studies
GS 38600-38699	Selected Topics in Gender Studies
HIS 31500	History of Gender in America
PSY 21000	Psychology of Parenting
PSY 30800	Psychology of Women
PSY 31300	Psychology of Adolescence
PSY 36500	Human Sexuality
SOC 24000	The Sociology of Gender Roles
SPA 41600	The Role of Women in Hispanic Societies
SPA 42000	The Novel of the Mexican Revolution
SW 24000	Human Diversity and Social Justice

Additional courses in any department may be substituted with permission from both the dean of the respective school and the chair of the Gender Studies program. A maximum of two courses in the same department may be applied towards the requirements for the minor.

## General Studies Program

*Dr. W. Travis McMaken, Chair*

To prepare for rapid changes in American and world cultures, the general studies major is designed to give the student the necessary tools of critical thinking, perspective, and adaptability. The major allows a student to study a broad range of courses in the liberal arts and humanities, as well as the student's specific areas of interest.

### GENERAL STUDIES BA

*39 credit hours*

Students must complete all the general education (GE) courses required of all students. The major in general studies requires students to complete 39 credit hours of electives beyond the normal GE requirements. Any course listed in the LU General Education Handbook will satisfy this 39 credit hour elective requirement.

All elective courses must be different from those courses taken to satisfy general education requirements. For example, students are required to complete two literature courses for general education and two *additional* literature courses for the general studies degree.

#### Requirements

A degree in general studies requires the completion of the following general education requirements:

##### *English Composition*

One course selected from the following options:

ENGL 15000	Strategies for University Writing
EPP 15000	Strategies for University Writing for Non-Native Speakers

One required course:

ENGL 17000	Research and Argumentation
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##### *Communications*

One course selected from the following options:

COM 10200	Public Debate
COM 10300	Storytelling
COM 10500	Group Dynamics and Effective Speaking
COM 11000	Fundamentals of Oral Communication
SW 11000	Introduction to Social Work

*Literature*

Two courses selected from the following options:

ENGL 20000-20099	Introduction to Literature
ENGL 20100	World Literature I
ENGL 20200	World Literature II
ENGL 20500	British Literature I
ENGL 20600	British Literature II
ENGL 23500	American Literature I
ENGL 23600	American Literature II
ENGL 25600	Survey of Greek Literature
ENGL 27600	African-American Literature
ENGL 27800	Latino Literature
ENGL 28000-28099	Selected Topics in Literature
ENGL 28100-28199	Selected Topics in Literature
ENGL 30900	The Novel
ENGL 33200	Chaucer
ENGL 33300	Shakespeare
ENGL 33800	Medieval English Literature
ENGL 33900	Early Modern Literature
ENGL 34100	Restoration and 18th-Century Literature
ENGL 34200	English Romantic Literature
ENGL 34300	19th Century Literature
ENGL 34700-34799	Topics in American Literature
ENGL 35200	Early American Literature
ENGL 35300	Modern American Literature
ENGL 35500	20th- and 21st-Century Literature
ENGL 35700-35799	Topics in British Literature
ENGL 38000-38099	Advanced Topics in Literature
ENGL 38100-38199	Advanced Topics in Literature
TA 33500	Modern Drama
TA 33600	Survey of Dramatic Literature

*Philosophy or Religion*

One course selected from the following options:

PHL 10200	Moral Life: A Study in Ethics
PHL 14000	Philosophy of Love
PHL 15000	Introduction to Philosophy
PHL 17000	Philosophy of Human Nature: Mind, Soul and Body
PHL 18000-18099	Selected Topics in Philosophy
PHL 18100-18199	Selected Topics in Philosophy
PHL 21400	Ethics
PHL 21500	Traditional Logic
PHL 24000	Bioethics

PHL 25000	Contemporary Moral Theory
PHL 25200	Dante and the Virtues
PHL 26000	Philosophy of Art
PHL 26500	Philosophy of Science
PHL 28000-28099	Selected Topics in Philosophy
PHL 28100-28199	Selected Topics in Philosophy
PHL 30000	The Natural Law
PHL 30500	Political Philosophy
PHL 31100	Ancient Philosophy
PHL 31200	Medieval Philosophy
PHL 31300	Modern Philosophy
PHL 32500	Philosophy of Religion
PHL 38000-38099	Selected Topics in Philosophy
PHL 38100-38199	Selected Topics in Philosophy
REL 15000	World Religions
REL 20100	History of Christianity
REL 20200	Religion in America
REL 21000	Old Testament
REL 21100	New Testament
REL 22200	Amusements and American Religion
REL 28000-28099	Selected Topics in Religion
REL 28100-28199	Selected Topics in Religion
REL 30000	Religion, Science, and Faith
REL 30500	The Psychology of Religion
REL 31000	Islam and the West
REL 31800	Asian Myth and Religion
REL 32000	The Christian Faith
REL 32600	Faith and Reason
REL 33000	Religious Upheaval in 16th Century Europe
REL 33500	Christianity, Ethics and Modern Society
REL 38000-38099	Selected Topics in Religion
REL 38100-38199	Selected Topics in Religion

*Fine Arts*

One course selected from the following options:

ART 10000	Fundamentals of Drawing and Design
ART 13600	Three-Dimensional (3-D) Design
ART 18100	Analog Photography I
ART 18101	Digital Photography I
ART 24000	Ceramics I
ARTH 22200	History of Western Art to 1300
ARTH 22400	History of Western Art from 1300
ARTH 22600	History of Non-Western Art
DAN 10100	Introduction to Dance
DAN 17100	Dance as an Art

DAN 37100	Dance in the 21st Century
MUS 15000	Music in America
MUS 15500	Jazz History
MUS 16500	Introduction to Music Literature
MUS 35500	History of Western Music I
MUS 35600	History of Western Music II
MUS 35700	World Music
TA 10500	Fundamentals of Acting
TA 11700	Introduction to the Theatrical Arts
TA 31700	History of Costume and Fashion
TA 33500	Modern Drama
TA 33600	Survey of Dramatic Literature
TA 33700	Seminar in American Drama
TA 37000	History of Theatre
TA 37100	History of Theatre I
TA 37200	History of Theatre II
TA 38600-38699	Special Topics
TA 38700-38799	Special Topics

**History and Government**

One course selected from the following options:

HIS 10000	World History Since 1500
HIS 22100	Global History Since 1500

One course selected from the following options:

HIS 10500	America: Colony to Civil War
HIS 10600	America: Civil War to World Power
HIS 15500	U.S. Government: Politics and History
HIS 21500	American History to 1865 Advanced Survey
HIS 21600	American History Since 1865 Advanced Survey
PS 15500	American Government: The Nation
PS 15600	American Government: The States

**Foreign Language**

Two courses selected from the following pairs of courses:

Pair 1:

CHI 10100	Elementary Mandarin I
CHI 10200	Elementary Mandarin II

Pair 2:

FRE 10100	Elementary French I
FRE 10200	Elementary French II

Pair 3:

GER 10100	Elementary German I
GER 10200	Elementary German II

Pair 4:

SPA 10100	Elementary Spanish I
SPA 10200	Elementary Spanish II

**Social Science**

Two courses selected from different disciplines from the following options:

ANT 10000	Introduction to Anthropology
ANT 11200	Cultural Anthropology
ANT 32700	Environmental Anthropology
ANT 33700	Anthropology of Migration
CJ 20000	Criminology
ECON 23010	Survey of Economics
ECON 23020	Principles of Microeconomics
ECON 23030	Principles of Macroeconomics
GEO 28200-28299	Special Topics
PSY 10000	Principles of Psychology
PSY 10100	Interactive Psychology
REC 20600	Leisure in Contemporary Society
SOC 10200	Basic Concepts of Sociology
SOC 21400	The Family
SOC 24000	The Sociology of Gender Roles
SW 24000	Human Diversity and Social Justice

**Natural Sciences**

Two courses selected from different discipline areas and at least one having a lab from the following options:

**Biological Science**

ANT 13100	Biological Anthropology with Lab
BSC 10000	Concepts in Biology
BSC 10700	Human Biology
BSC 11000	Principles in Biology
BSC 11200	Environmental Biology
BSC 11400	Principles of Environmental Biology
BSC 11500	Environmental Biology Laboratory
BSC 12100	Nutrition
BSC 22700	Human Anatomy and Physiology I
BSC 24000	Introduction to Biological Diversity
BSC 24400	Introduction to Cellular and Molecular Biology
HFS 20700	Human Anatomy and Physiology
SCI 21400	Ethical Problems in Science

**Earth Science**

ESC 10000	Physical Geology with Lab
ESC 10500	Survey of Geology
ESC 11000	Introductory Meteorology
ESC 11100	Meteorology Lab
ESC 11500/GEO 11500	Physical Geography
ESC 12000	Oceanography
ESC 13000	Introductory Astronomy
ESC 13100	Astronomy Lab
ESC 13200	Introductory Astronomy with Lab

**Physical Science**

CHM 10000	Concepts in Chemistry
CHM 10100	The World of Chemistry
CHM 10500	Chemistry in Society
CHM 11100	Environmental Science
CHM 23000	General Chemistry 1
CHM 23100	General Chemistry 2
CHM 23200	General Chemistry 3
CHM 24100	General Chemistry 2 Laboratory
CHM 24200	General Chemistry 3 Laboratory
PHY 11100	Concepts of Physics
PHY 11200	Concepts of Physics Laboratory
PHY 25100	Introductory Physics I
PHY 25200	Introductory Physics II
PHY 30100	General Physics I
PHY 30200	General Physics II

**Mathematics**

One course selected from the following options:

MTH 12100	Introduction to Contemporary Mathematics
MTH 14100	Basic Statistics
MTH 14200	Quantitative Methods for Business
MTH 14800	Mathematical Structures for Teachers I
MTH 14900	Mathematical Structures for Teachers II
MTH 15100	College Algebra
MTH 15200	Pre-calculus: Elementary Functions
MTH 17300	Survey of Calculus
MTH 24100	Statistics for Natural Science
MTH 27100	Calculus I
MTH 27200	Calculus II
PHL 21600	Modern Symbolic Logic
PSY 30600	Behavioral Science Statistics

**Additional required coursework**

A degree in general studies also requires the completion of an additional 39 credit hours of elective coursework chosen from general education courses. Courses beyond the required general education coursework must come from the ten categories listed below:

One computer/computer applications course selected from the following options:

CSC 10011	Introduction to Computer Science: Python
CSC 10022	Introduction to Computer Science: Javascript
MGMT 26014	Excel for Professionals
MIS 24000	Introduction to Information Systems
RTAIL 15510	Introduction to Retailing

Two literature courses selected from the following options:

ENGL 20000-20099	Introduction to Literature
ENGL 20100	World Literature I

ENGL 20200	World Literature II
ENGL 20500	British Literature I
ENGL 20600	British Literature II
ENGL 23500	American Literature I
ENGL 23600	American Literature II
ENGL 25600	Survey of Greek Literature
ENGL 27600	African-American Literature
ENGL 27800	Latino Literature
ENGL 28000-28099	Selected Topics in Literature
ENGL 28100-28199	Selected Topics in Literature
ENGL 30900	The Novel
ENGL 33200	Chaucer
ENGL 33300	Shakespeare
ENGL 33800	Medieval English Literature
ENGL 33900	Early Modern Literature
ENGL 34100	Restoration and 18th-Century Literature

ENGL 34200	English Romantic Literature
ENGL 34300	19th Century Literature
ENGL 34700-34799	Topics in American Literature

ENGL 38000-38099	Advanced Topics in Literature
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ENGL 38100-38199	Advanced Topics in Literature
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TA 33500	Modern Drama
TA 33600	Survey of Dramatic Literature

One political science or history course selected from the following options:

PS 15500	American Government: The Nation
PS 15600	American Government: The States
HIS 10500	America: Colony to Civil War
HIS 10600	America: Civil War to World Power
HIS 15500	U.S. Government: Politics and History
HIS 21500	American History to 1865 Advanced Survey
HIS 21600	American History Since 1865 Advanced Survey

Two cross cultural courses selected from the following options:

ANT 10000	Introduction to Anthropology
ANT 11200	Cultural Anthropology
ANT 21000	Native North American Indians
ANT 31700	Social and Cultural Change
ANT 31800	Race, Ethnicity, and Gender: A Global Perspective
ANT 32400	The Anthropology of Religion
ANT 32700	Environmental Anthropology
ANT 33700	Anthropology of Migration
ART 38700-38799	Special Topics
ARTH 22200	History of Western Art to 1300

ARTH 22400	History of Western Art from 1300	GER 23000	From the Berlin Wall to the Bavarian Alps
ARTH 22600	History of Non-Western Art	GER 38200-38299	Special Topics in German
ARTH 35400	Nineteenth-Century Art	GS 20101	A Global Introduction to Gender Studies
ARTH 35600	Baroque Art	HIS 20500	History of Asia
ARTH 35700	Ancient Art	HIS 22000	History of Latin America
ARTH 35800	Medieval Art	HIS 28200-28299	Selected Topics
ARTH 36100	Twentieth-Century Art/Modern	HIS 38200-38299	Selected Topics
ARTH 36300	Early Modern Gender Studies	INTL 48070	International Business and Cross-Cultural Communications
ARTH 36401-36499	Topics in Non-Western Art	IR 35000	International Relations Theory
ARTH 38300	Renaissance Art	MUS 35500	History of Western Music I
ARTH 38400	Classical Myth	MUS 35600	History of Western Music II
CHI 10300	Chinese Culture	MUS 35700	World Music
CJ 22500	Comparative Criminal Justice Systems	PHL 18100-18199	Selected Topics in Philosophy
COM 37000	History of Film	PHL 28100-28199	Selected Topics in Philosophy
COM 37600	Asian Cinema	PHL 31800	Asian Philosophy
CSP 35000	History of Traditional Chinese Civilization	PS 30000	Comparative Analysis
CSP 35100	History of Modern Chinese Civilization	REC 21400	Cultural Tourism
DAN 17100	Dance as an Art	REL 15000	World Religions
DAN 37100	Dance in the 21st Century	REL 23000	Introduction to Asian Religions
ECON 33035	Current Economic & Social Issues	REL 31000	Islam and the West
ENGL 20100	World Literature I	REL 31800	Asian Myth and Religion
ENGL 20200	World Literature II	SOC 31800	Race, Ethnicity, and Gender: A Global Perspective
ENGL 27800	Latino Literature	SPA 20300	Intermediate Spanish Composition and Reading
ENGL 28100-28199	Selected Topics in Literature	SPA 23000	Travel Experience in Spanish-Speaking Nations
ENGL 38100-38199	Advanced Topics in Literature	SPA 23700	Costa Rica Through History
FRE 23000	France: Museums, Monuments and Culture	SPA 31300	Advanced Spanish Composition Workshop
FRE 33700	History of French Civilization	SPA 31400	Introduction to Spanish Linguistics
FRE 35000	Masterpieces of French Literature to 1800	SPA 33500	Peninsular Spanish Culture and Civilization
FRE 35100	Masterpieces of French Literature since 1800	SPA 33600	Latin American Culture and Civilization
FRE 36000	Speaking of Art: The Pulitzer Project	SPA 33700	Costa Rica: History and Society of 19th and 20th Centuries
FRE 38200-38299	Special Topics	SPA 35000	Masterpieces of Peninsular Spanish Literature
FRE 40000-40099	Seminar on Selected Authors and Genres of French Literature	SPA 35100	Masterpieces of Spanish-American Literature
FRE 41000	Seventeenth-Century French Theatre	SPA 36400	Latin American History in Film
FRE 41100	Rise of the French Novel	SPA 40000-40099	Seminar on Selected Authors and Genres of Spanish and Spanish-American Literatures
FRE 41200	French and Francophone Women Writers	SPA 41200	Spanish Romanticism
FRE 41300	Twentieth-Century French Theatre		
FRE 41400	French Autobiography		
GEO 20100	World Regional Geography		
GEO 20200	Concepts of Geography		
GEO 20300	Human Geography		
GEO 20700	World Economic Geography		
GEO 28100-28199	Special Topics		
GEO 30100	World Historical Geography		

SPA 41300	Major Movements in the 19th-Century Spanish Novel
SPA 41500	The 20th-Century Spanish Novel
SPA 41600	The Role of Women in Hispanic Societies
SPA 41800	The Spanish-American Short Story
SPA 42000	The Novel of the Mexican Revolution
SPA 42100	The Spanish-American Regional Novel
TA 33500	Modern Drama
TA 33600	Survey of Dramatic Literature
TA 37000	History of Theatre
TA 37100	History of Theatre I
TA 37200	History of Theatre II
TA 38700-38799	Special Topics

One social science course selected from the following options:

ANT 10000	Introduction to Anthropology
ANT 11200	Cultural Anthropology
ANT 32700	Environmental Anthropology
ANT 33700	Anthropology of Migration
CJ 20000	Criminology
ECON 23010	Survey of Economics
ECON 23020	Principles of Microeconomics
ECON 23030	Principles of Macroeconomics
GEO 28200-28299	Special Topics
PSY 10000	Principles of Psychology
PSY 10100	Interactive Psychology
REC 20600	Leisure in Contemporary Society
SOC 10200	Basic Concepts of Sociology
SOC 21400	The Family
SOC 24000	The Sociology of Gender Roles
SW 24000	Human Diversity and Social Justice

Two fine and performing arts courses selected from the following options:

ART 10000	Fundamentals of Drawing and Design
ART 13600	Three-Dimensional (3-D) Design
ART 18100	Analog Photography I
ART 18101	Digital Photography I
ART 24000	Ceramics I
ARTH 22200	History of Western Art to 1300
ARTH 22400	History of Western Art from 1300
ARTH 22600	History of Non-Western Art
DAN 10100	Introduction to Dance
DAN 37100	Dance in the 21st Century
DAN 17100	Dance as an Art
MUS 15000	Music in America
MUS 15500	Jazz History
MUS 16500	Introduction to Music Literature
MUS 35500	History of Western Music I
MUS 35600	History of Western Music II
MUS 35700	World Music
TA 10500	Fundamentals of Acting

TA 11700	Introduction to the Theatrical Arts
TA 31700	History of Costume and Fashion
TA 33500	Modern Drama
TA 33600	Survey of Dramatic Literature
TA 37000	History of Theatre
TA 37100	History of Theatre I
TA 37200	History of Theatre II
TA 38600-38699	Special Topics
TA 38700-38799	Special Topics

One philosophy course selected from the following options:

PHL 10200	Moral Life: A Study in Ethics
PHL 14000	Philosophy of Love
PHL 15000	Introduction to Philosophy
PHL 17000	Philosophy of Human Nature: Mind, Soul and Body
PHL 18000-18099	Selected Topics in Philosophy
PHL 18100-18199	Selected Topics in Philosophy
PHL 21400	Ethics
PHL 21500	Traditional Logic
PHL 24000	Bioethics
PHL 25000	Contemporary Moral Theory
PHL 25200	Dante and the Virtues
PHL 26000	Philosophy of Art
PHL 26500	Philosophy of Science
PHL 28000-28099	Selected Topics in Philosophy
PHL 28100-28199	Selected Topics in Philosophy
PHL 30000	The Natural Law
PHL 30500	Political Philosophy
PHL 31100	Ancient Philosophy
PHL 31200	Medieval Philosophy
PHL 31300	Modern Philosophy
PHL 32500	Philosophy of Religion
PHL 38000-38099	Selected Topics in Philosophy
PHL 38100-38199	Selected Topics in Philosophy

One religion course selected from the following options:

REL 15000	World Religions
REL 20100	History of Christianity
REL 20200	Religion in America
REL 21000	Old Testament
REL 21100	New Testament
REL 22200	Amusements and American Religion
REL 28000-28099	Selected Topics in Religion
REL 28100-28199	Selected Topics in Religion

REL 30000	Religion, Science, and Faith
REL 31000	Islam and the West
REL 30500	The Psychology of Religion
REL 31800	Asian Myth and Religion
REL 32000	The Christian Faith
REL 32600	Faith and Reason
REL 33000	Religious Upheaval in 16th Century Europe
REL 33500	Christianity, Ethics and Modern Society
REL 38000-38099	Selected Topics in Religion
REL 38100-38199	Selected Topics in Religion

One written or oral communications course selected from the following options:

COM 10500	Group Dynamics and Effective Speaking
COM 11000	Fundamentals of Oral Communication
COM 30300	Written Communication for Business
COM 32700	Media Literacy
ENGL 21200	Introduction to Technical and Professional Writing
SW 10000	Intercultural Communication

One economics course selected from the following options:

ECON 23010	Survey of Economics
ECON 23020	Principles of Microeconomics
ECON 23030	Principles of Macroeconomics

*Note: No course can count as both a general education required course and as an elective course for the major in general studies.*

## GENERAL STUDIES BA ONLINE

*39 credit hours*

Students must complete all the general education (GE) courses required of all students. The major in general studies requires students to complete 39 credit hours of electives beyond the normal GE requirements. Any course listed in the LU General Education Handbook will satisfy this 39 credit hour elective requirement.

All elective courses must be different from those courses taken to satisfy general education requirements. For example, students are required to complete two literature courses for general education and two *additional* literature courses for the general studies degree.

### Requirements

A degree in general studies requires the completion of the following general education requirements:

#### *English Composition*

One course selected from the following options:

ENGL 15000	Strategies for University Writing
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EPP 15000	Strategies for University Writing for Non-Native Speakers
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One required course:

ENGL 17000	Research and Argumentation
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#### *Communications*

One course selected from the following options:

COM 10200	Public Debate
COM 10300	Storytelling
COM 10500	Group Dynamics and Effective Speaking
COM 11000	Fundamentals of Oral Communication
SW 11000	Introduction to Social Work

#### *Literature*

Two courses selected from the following options:

ENGL 20000-20099	Introduction to Literature
ENGL 20100	World Literature I
ENGL 20200	World Literature II
ENGL 20500	British Literature I
ENGL 20600	British Literature II
ENGL 23500	American Literature I
ENGL 23600	American Literature II
ENGL 25600	Survey of Greek Literature
ENGL 27600	African-American Literature
ENGL 27800	Latino Literature
ENGL 28000-28099	Selected Topics in Literature
ENGL 28100-28199	Selected Topics in Literature
ENGL 30900	The Novel
ENGL 33200	Chaucer
ENGL 33300	Shakespeare
ENGL 33800	Medieval English Literature
ENGL 33900	Early Modern Literature
ENGL 34100	Restoration and 18th-Century Literature
ENGL 34200	English Romantic Literature
ENGL 34300	19th Century Literature
ENGL 34700-34799	Topics in American Literature
ENGL 35200	Early American Literature
ENGL 35300	Modern American Literature
ENGL 35500	20th- and 21st-Century Literature
ENGL 35700-35799	Topics in British Literature
ENGL 38000-38099	Advanced Topics in Literature
ENGL 38100-38199	Advanced Topics in Literature
TA 33500	Modern Drama
TA 33600	Survey of Dramatic Literature

*Philosophy or Religion*

One course selected from the following options:

PHL 10200	Moral Life: A Study in Ethics
PHL 14000	Philosophy of Love
PHL 15000	Introduction to Philosophy
PHL 17000	Philosophy of Human Nature: Mind, Soul and Body
PHL 18000-18099	Selected Topics in Philosophy
PHL 18100-18199	Selected Topics in Philosophy
PHL 21400	Ethics
PHL 21500	Traditional Logic
PHL 24000	Bioethics
PHL 25000	Contemporary Moral Theory
PHL 25200	Dante and the Virtues
PHL 26000	Philosophy of Art
PHL 26500	Philosophy of Science
PHL 28000-28099	Selected Topics in Philosophy
PHL 28100-28199	Selected Topics in Philosophy
PHL 30000	The Natural Law
PHL 30500	Political Philosophy
PHL 31100	Ancient Philosophy
PHL 31200	Medieval Philosophy
PHL 31300	Modern Philosophy
PHL 32500	Philosophy of Religion
PHL 38000-38099	Selected Topics in Philosophy
PHL 38100-38199	Selected Topics in Philosophy
REL 15000	World Religions
REL 20100	History of Christianity
REL 20200	Religion in America
REL 21000	Old Testament
REL 21100	New Testament
REL 22200	Amusements and American Religion
REL 28000-28099	Selected Topics in Religion
REL 28100-28199	Selected Topics in Religion
REL 30000	Religion, Science, and Faith
REL 30500	The Psychology of Religion
REL 31000	Islam and the West
REL 31800	Asian Myth and Religion
REL 32000	The Christian Faith
REL 32600	Faith and Reason
REL 33000	Religious Upheaval in 16th Century Europe
REL 33500	Christianity, Ethics and Modern Society

REL 38000-38099 Selected Topics in Religion

REL 38100-38199 Selected Topics in Religion

*Fine Arts*

One course selected from the following options:

ART 10000	Fundamentals of Drawing and Design
ART 13600	Three-Dimensional (3-D) Design
ART 18100	Analog Photography I
ART 18101	Digital Photography I
ART 24000	Ceramics I
ARTH 22200	History of Western Art to 1300
ARTH 22400	History of Western Art from 1300
ARTH 22600	History of Non-Western Art
DAN 10100	Introduction to Dance
DAN 17100	Dance as an Art
DAN 37100	Dance in the 21st Century
MUS 15000	Music in America
MUS 15500	Jazz History
MUS 16500	Introduction to Music Literature
MUS 35500	History of Western Music I
MUS 35600	History of Western Music II
MUS 35700	World Music
TA 10500	Fundamentals of Acting
TA 11700	Introduction to the Theatrical Arts
TA 31700	History of Costume and Fashion
TA 33500	Modern Drama
TA 33600	Survey of Dramatic Literature
TA 33700	Seminar in American Drama
TA 37000	History of Theatre
TA 37100	History of Theatre I
TA 37200	History of Theatre II
TA 38600-38699	Special Topics
TA 38700-38799	Special Topics

*History and Government*

One course selected from the following options:

HIS 10000	World History Since 1500
HIS 22100	Global History Since 1500

One course selected from the following options:

HIS 10500	America: Colony to Civil War
HIS 10600	America: Civil War to World Power
HIS 15500	U.S. Government: Politics and History
HIS 21500	American History to 1865 Advanced Survey
HIS 21600	American History Since 1865 Advanced Survey



PS 15500 American Government: The Nation  
 PS 15600 American Government: The States

**Foreign Language**

Two courses selected from the following options:

## Option 1:

CHI 10100 Elementary Mandarin I  
 CHI 10200 Elementary Mandarin II

## Option 2:

FRE 10100 Elementary French I  
 FRE 10200 Elementary French II

## Option 3:

GER 10100 Elementary German I  
 GER 10200 Elementary German II

## Option 4:

SPA 10100 Elementary Spanish I  
 SPA 10200 Elementary Spanish II

*Note: Online majors may take two extra cross cultural courses in lieu of the foreign language requirement.*

**Social Science**

Two courses selected from different disciplines from the following options:

ANT 10000 Introduction to Anthropology  
 ANT 11200 Cultural Anthropology  
 ANT 32700 Environmental Anthropology  
 ANT 33700 Anthropology of Migration  
 CJ 20000 Criminology  
 ECON 23010 Survey of Economics  
 ECON 23020 Principles of Microeconomics  
 ECON 23030 Principles of Macroeconomics  
 GEO 28200-28299 Special Topics  
 PSY 10000 Principles of Psychology  
 PSY 10100 Interactive Psychology  
 REC 20600 Leisure in Contemporary Society  
 SOC 10200 Basic Concepts of Sociology  
 SOC 21400 The Family  
 SOC 24000 The Sociology of Gender Roles  
 SW 24000 Human Diversity and Social Justice

**Natural Sciences**

Two courses selected from different discipline areas and at least one having a lab from the following options:

**Biological Science**

ANT 13100 Biological Anthropology with Lab  
 BSC 10000 Concepts in Biology  
 BSC 10700 Human Biology  
 BSC 11000 Principles in Biology  
 BSC 11200 Environmental Biology  
 BSC 11400 Principles of Environmental Biology

BSC 11500 Environmental Biology Laboratory  
 BSC 12100 Nutrition  
 BSC 22700 Human Anatomy and Physiology I  
 BSC 24000 Introduction to Biological Diversity  
 BSC 24400 Introduction to Cellular and Molecular Biology  
 HFS 20700 Human Anatomy and Physiology  
 SCI 21400 Ethical Problems in Science

**Earth Science**

ESC 10000 Physical Geology with Lab  
 ESC 10500 Survey of Geology  
 ESC 11000 Introductory Meteorology  
 ESC 11100 Meteorology Lab  
 ESC 12000 Oceanography  
 ESC 13000 Introductory Astronomy  
 ESC 13100 Astronomy Lab  
 ESC 13200 Introductory Astronomy with Lab

**Physical Science**

CHM 10000 Concepts in Chemistry  
 CHM 10100 The World of Chemistry  
 CHM 10500 Chemistry in Society  
 CHM 11100 Environmental Science  
 CHM 23000 General Chemistry 1  
 CHM 23100 General Chemistry 2  
 CHM 23200 General Chemistry 3  
 CHM 24100 General Chemistry 2 Laboratory  
 CHM 24200 General Chemistry 3 Laboratory  
 PHY 11100 Concepts of Physics  
 PHY 11200 Concepts of Physics Laboratory  
 PHY 25100 Introductory Physics I  
 PHY 25200 Introductory Physics II  
 PHY 30100 General Physics I  
 PHY 30200 General Physics II

**Mathematics**

One course selected from the following options:

MTH 12100 Introduction to Contemporary Mathematics  
 MTH 14100 Basic Statistics  
 MTH 14200 Quantitative Methods for Business  
 MTH 14800 Mathematical Structures for Teachers I  
 MTH 14900 Mathematical Structures for Teachers II  
 MTH 15100 College Algebra  
 MTH 15200 Pre-calculus: Elementary Functions  
 MTH 17300 Survey of Calculus  
 MTH 24100 Statistics for Natural Science  
 MTH 27100 Calculus I  
 MTH 27200 Calculus II  
 PHL 21600 Modern Symbolic Logic  
 PSY 30600 Behavioral Science Statistics

**Additional required coursework**

A degree in general studies also requires the completion of an additional 39 credit hours of elective coursework chosen from general education courses. Courses beyond the required general education coursework must come from the ten categories listed below:

One computer/computer applications course selected from the following options:

CSC 10011	Introduction to Computer Science: Python
CSC 10022	Introduction to Computer Science: Javascript
MGMT 26014	Excel for Professionals
MIS 24000	Introduction to Information Systems
RTAIL 15510	Introduction to Retailing

Two literature courses selected from the following options:

ENGL 20000-20099	Introduction to Literature
ENGL 20100	World Literature I
ENGL 20200	World Literature II
ENGL 20500	British Literature I
ENGL 20600	British Literature II
ENGL 23500	American Literature I
ENGL 23600	American Literature II
ENGL 25600	Survey of Greek Literature
ENGL 27600	African-American Literature
ENGL 27800	Latino Literature
ENGL 28000-28099	Selected Topics in Literature
ENGL 28100-28199	Selected Topics in Literature
ENGL 30900	The Novel
ENGL 33200	Chaucer
ENGL 33300	Shakespeare
ENGL 33800	Medieval English Literature
ENGL 33900	Early Modern Literature
ENGL 34100	Restoration and 18th-Century Literature
ENGL 34200	English Romantic Literature
ENGL 34300	19th Century Literature
ENGL 34700-34799	Topics in American Literature
ENGL 38000-38099	Advanced Topics in Literature
ENGL 38100-38199	Advanced Topics in Literature
TA 33500	Modern Drama
TA 33600	Survey of Dramatic Literature

One political science or history course selected from the following options:

PS 15500	American Government: The Nation
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PS 15600	American Government: The States
HIS 10500	America: Colony to Civil War
HIS 10600	America: Civil War to World Power
HIS 15500	U.S. Government: Politics and History
HIS 21500	American History to 1865 Advanced Survey
HIS 21600	American History Since 1865 Advanced Survey

Two cross cultural courses selected from the following options:

ANT 10000	Introduction to Anthropology
ANT 11200	Cultural Anthropology
ANT 21000	Native North American Indians
ANT 31700	Social and Cultural Change
ANT 31800	Race, Ethnicity, and Gender: A Global Perspective
ANT 32400	The Anthropology of Religion
ANT 32700	Environmental Anthropology
ANT 33700	Anthropology of Migration
ART 38700-38799	Special Topics
ARTH 22200	History of Western Art to 1300
ARTH 22400	History of Western Art from 1300
ARTH 22600	History of Non-Western Art
ARTH 35400	Nineteenth-Century Art
ARTH 35600	Baroque Art
ARTH 35700	Ancient Art
ARTH 35800	Medieval Art
ARTH 36100	Twentieth-Century Art/Modern
ARTH 36300	Early Modern Gender Studies
ARTH 36401-36499	Topics in Non-Western Art
ARTH 38300	Renaissance Art
ARTH 38400	Classical Myth
CHI 10300	Chinese Culture
CJ 22500	Comparative Criminal Justice Systems
COM 37000	History of Film
COM 37600	Asian Cinema
CSP 35000	History of Traditional Chinese Civilization
CSP 35100	History of Modern Chinese Civilization
DAN 17100	Dance as an Art
DAN 37100	Dance in the 21st Century
ECON 33035	Current Economic & Social Issues
ENGL 20100	World Literature I
ENGL 20200	World Literature II
ENGL 27800	Latino Literature
ENGL 28100-28199	Selected Topics in Literature
ENGL 38100-38199	Advanced Topics in Literature
FRE 23000	France: Museums, Monuments and Culture

FRE 33700	History of French Civilization	SPA 20300	Intermediate Spanish Composition and Reading
FRE 35000	Masterpieces of French Literature to 1800	SPA 23000	Travel Experience in Spanish-Speaking Nations
FRE 35100	Masterpieces of French Literature since 1800	SPA 23700	Costa Rica Through History
FRE 36000	Speaking of Art: The Pulitzer Project	SPA 31300	Advanced Spanish Composition Workshop
FRE 38200-38299	Special Topics	SPA 31400	Introduction to Spanish Linguistics
FRE 40000-40099	Seminar on Selected Authors and Genres of French Literature	SPA 33500	Peninsular Spanish Culture and Civilization
FRE 41000	Seventeenth-Century French Theatre	SPA 33600	Latin American Culture and Civilization
FRE 41100	Rise of the French Novel	SPA 33700	Costa Rica: History and Society of 19th and 20th Centuries
FRE 41200	French and Francophone Women Writers	SPA 35000	Masterpieces of Peninsular Spanish Literature
FRE 41300	Twentieth-Century French Theatre	SPA 35100	Masterpieces of Spanish-American Literature
FRE 41400	French Autobiography	SPA 36400	Latin American History in Film
GEO 20100	World Regional Geography	SPA 40000-40099	Seminar on Selected Authors and Genres of Spanish and Spanish-American Literatures
GEO 20200	Concepts of Geography	SPA 41200	Spanish Romanticism
GEO 20300	Human Geography	SPA 41300	Major Movements in the 19th-Century Spanish Novel
GEO 20700	World Economic Geography	SPA 41500	The 20th-Century Spanish Novel
GEO 28100-28199	Special Topics	SPA 41600	The Role of Women in Hispanic Societies
GEO 30100	World Historical Geography	SPA 41800	The Spanish-American Short Story
GER 23000	From the Berlin Wall to the Bavarian Alps	SPA 42000	The Novel of the Mexican Revolution
GER 38200-38299	Special Topics in German	SPA 42100	The Spanish-American Regional Novel
GS 20101	A Global Introduction to Gender Studies	TA 33500	Modern Drama
HIS 20500	History of Asia	TA 33600	Survey of Dramatic Literature
HIS 22000	History of Latin America	TA 37000	History of Theatre
HIS 28200-28299	Selected Topics	TA 37100	History of Theatre I
HIS 38200-38299	Selected Topics	TA 37200	History of Theatre II
INTL 48070	International Business and Cross-Cultural Communications	TA 38700-38799	Special Topics
IR 35000	International Relations Theory		
MUS 35500	History of Western Music I		One social science course selected from the following options:
MUS 35600	History of Western Music II	ANT 10000	Introduction to Anthropology
MUS 35700	World Music	ANT 11200	Cultural Anthropology
PHL 18100-18199	Selected Topics in Philosophy	ANT 32700	Environmental Anthropology
PHL 28100-28199	Selected Topics in Philosophy	ANT 33700	Anthropology of Migration
PHL 31800	Asian Philosophy	CJ 20000	Criminology
PS 30000	Comparative Analysis	ECON 23010	Survey of Economics
REC 21400	Cultural Tourism	ECON 23020	Principles of Microeconomics
REL 15000	World Religions	ECON 23030	Principles of Macroeconomics
REL 23000	Introduction to Asian Religions	GEO 28200-28299	Special Topics
REL 31000	Islam and the West	PSY 10000	Principles of Psychology
REL 31800	Asian Myth and Religion	PSY 10100	Interactive Psychology
SOC 31800	Race, Ethnicity, and Gender: A Global Perspective	REC 20600	Leisure in Contemporary Society
		SOC 10200	Basic Concepts of Sociology

SOC 21400	The Family
SOC 24000	The Sociology of Gender Roles
SW 24000	Human Diversity and Social Justice

Two fine and performing arts courses selected from the following options:

ART 10000	Fundamentals of Drawing and Design
ART 13600	Three-Dimensional (3-D) Design
ART 18100	Analog Photography I
ART 18101	Digital Photography I
ART 24000	Ceramics I
ARTH 22200	History of Western Art to 1300
ARTH 22400	History of Western Art from 1300
ARTH 22600	History of Non-Western Art
DAN 10100	Introduction to Dance
DAN 37100	Dance in the 21st Century
DAN 17100	Dance as an Art
MUS 15000	Music in America
MUS 15500	Jazz History
MUS 16500	Introduction to Music Literature
MUS 35500	History of Western Music I
MUS 35600	History of Western Music II
MUS 35700	World Music
TA 10500	Fundamentals of Acting
TA 11700	Introduction to the Theatrical Arts
TA 31700	History of Costume and Fashion
TA 33500	Modern Drama
TA 33600	Survey of Dramatic Literature
TA 37000	History of Theatre
TA 37100	History of Theatre I
TA 37200	History of Theatre II
TA 38600-38699	Special Topics
TA 38700-38799	Special Topics

One philosophy course selected from the following options:

PHL 10200	Moral Life: A Study in Ethics
PHL 14000	Philosophy of Love
PHL 15000	Introduction to Philosophy
PHL 17000	Philosophy of Human Nature: Mind, Soul and Body
PHL 18000-18099	Selected Topics in Philosophy
PHL 18100-18199	Selected Topics in Philosophy
PHL 21400	Ethics
PHL 21500	Traditional Logic
PHL 24000	Bioethics
PHL 25000	Contemporary Moral Theory
PHL 25200	Dante and the Virtues
PHL 26000	Philosophy of Art
PHL 26500	Philosophy of Science
PHL 28000-28099	Selected Topics in Philosophy

PHL 28100-28199	Selected Topics in Philosophy
PHL 30000	The Natural Law
PHL 30500	Political Philosophy
PHL 31100	Ancient Philosophy
PHL 31200	Medieval Philosophy
PHL 31300	Modern Philosophy
PHL 32500	Philosophy of Religion
PHL 38000-38099	Selected Topics in Philosophy
PHL 38100-38199	Selected Topics in Philosophy

One religion course selected from the following options:

REL 15000	World Religions
REL 20100	History of Christianity
REL 20200	Religion in America
REL 21000	Old Testament
REL 21100	New Testament
REL 22200	Amusements and American Religion
REL 28000-28099	Selected Topics in Religion
REL 28100-28199	Selected Topics in Religion
REL 30000	Religion, Science, and Faith
REL 31000	Islam and the West
REL 30500	The Psychology of Religion
REL 31800	Asian Myth and Religion
REL 32000	The Christian Faith
REL 32600	Faith and Reason
REL 33000	Religious Upheaval in 16th Century Europe
REL 33500	Christianity, Ethics and Modern Society
REL 38000-38099	Selected Topics in Religion
REL 38100-38199	Selected Topics in Religion

One written or oral communications course selected from the following options:

COM 10500	Group Dynamics and Effective Speaking
COM 11000	Fundamentals of Oral Communication
COM 30300	Written Communication for Business
COM 32700	Media Literacy
ENGL 21200	Introduction to Technical and Professional Writing
SW 10000	Intercultural Communication

One economics course selected from the following options:

ECON 23010	Survey of Economics
ECON 23020	Principles of Microeconomics
ECON 23030	Principles of Macroeconomics

*Note: No course can count as both a general education required course and as an elective course for the major in general studies.*

## History and Geography Department

*Dr. Meredith Marsh, Chair*

The Department of History and Geography offers a Bachelor of Arts in History.

The department offers minors in the following areas:

- History
- Medieval and Early Modern Studies
- Public History
- Social Studies
- Geography

### Geography

#### GEOGRAPHY MINOR

*18 credit hours*

#### Requirements

One required course:

GEO 2000 Introduction to Geographic Information Systems

Two courses selected from the following options:

GEO 2010 World Regional Geography  
 GEO 2020 Concepts of Geography  
 GEO 2030 Human Geography  
 GEO 28100-28199 Special Topics  
 GEO 30100 World Historical Geography

One course selected from the following options:

GEO 11500/ESC 11500 Physical Geography  
 ESC 10000 Physical Geology with Lab  
 ESC 10500 Survey of Geology  
 ESC 11000 Introductory Meteorology

Two courses selected from the following options:

GEO 11500/ESC 11500 Physical Geography  
 GEO 20100 World Regional Geography  
 GEO 20200 Concepts of Geography  
 GEO 20300 Human Geography  
 GEO 28000-28099 Special Topics  
 GEO 28100-28199 Special Topics  
 GEO 28200-28299 Special Topics  
 GEO 30100 World Historical Geography  
 ANT 31800 Race, Ethnicity, and Gender: A Global Perspective

ANT 33700 Anthropology of Migration  
 HIS 20000 History of the Contemporary World

*Note: No duplication of coursework is allowed.*

### History

#### HISTORY BA

*54 credit hours*

A Bachelor of Arts in History provides the knowledge and skills that successful students need to prepare them for teaching at the high school level, attending graduate school especially in history or law, or pursuing a career in public history such as working in archives, museums, or historical sites. Their skills and knowledge also make them educated individuals ready to work at any career requiring literate persons.

#### Requirements

A major in history requires 54 credit hours of coursework through the Department of History and Geography as well as the general education requirements listed below.

Six required courses:

HIS 20000 History of the Contemporary World  
 HIS 20300 Historical Methods  
 HIS 22300 The Ancient and Medieval World  
 HIS 30100 Early Modern Europe  
 HIS 30200 Modern Europe  
 HIS 40000 Senior Seminar in History

One course selected from the following options:

HIS 21500 American History to 1865  
 Advanced Survey  
 HIS 10500 America: Colony to Civil War

One course selected from the following options:

HIS 21600 American History Since 1865  
 Advanced Survey  
 HIS 10600 America: Civil War to World Power

One course selected from the following options:

HIS 20500 History of Asia  
 HIS 22000 History of Latin America

One course selected from the following options:

HIS 35000 Applied History  
 HIS 45000 History Internship  
 EDU 41000 Student Teaching

Two courses of European history selected from the following options:

HIS 26100 History of the British Isles  
 HIS 32900 Church and State in Early Modern Europe

HIS 33000	European Intellectual History
HIS 33200	Revolution in the Modern World
HIS 33600	The Civilization of Industrialism
HIS 33700	The Soviet Union and European Communism
HIS 33800	War and Society in the Twentieth Century
HIS 35500	Europe Since 1945

Three courses of United States history, two of which must be at or above the 30000 level, selected from the following options:

HIS 20700	American Military History though World War Two
HIS 21400	American Military History Since 1941
HIS 23200	History of American Sports
HIS 30800	The Origins of the United States to 1800
HIS 30900	The Age of Jackson
HIS 31000	The Civil War and Reconstruction
HIS 31200	The Growth of Modern America, 1877-1914
HIS 31400	Economic History of America
HIS 31500	History of Gender in America
HIS 31600	A Biography of the Constitution
HIS 31700	The American West 1830-1960
HIS 31800	History of Race in America
HIS 32000	The United States 1918-1945: Prosperity, Depression, and War
HIS 32100	The United States in the Age of the Cold War

History majors must take one of the following courses, which will fulfill a cross cultural general education requirement:

GEO 20100	World Regional Geography
GEO 20200	Concepts of Geography
GEO 20700	World Economic Geography
GEO 30100	World Historical Geography

History majors must take one of the following courses to fulfill the general education US history/government requirement:

HIS 15500	U.S. Government: Politics and History
	or
PS 15500	American Government: The Nation

History majors must take one of the following courses to fulfill one of the general education social science requirements:

ECON 23010	Survey of Economics
	or
HIS 31400	Economic History of America

*Note: If students take HIS 31400 for economics credit, they cannot count it as a history (HIS) elective.*

It is recommended that history majors take the following courses to fulfill the general education world history and the United States survey history requirements:

HIS 22100	Global History Since 1500
HIS 21500	American History to 1865 Advanced Survey
HIS 21600	American History Since 1865 Advanced Survey

## HISTORY MINOR

*18 credit hours*

### Requirements

A minor in history requires 18 credit hours of coursework.

Two required courses:

HIS 10000	World History Since 1500
	or
HIS 22100	Global History Since 1500

HIS 20000	History of the Contemporary World
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Two courses in American history selected from the following options:

HIS 10500	America: Colony to Civil War
	or
HIS 21500	American History to 1865 Advanced Survey
HIS 10600	America: Civil War to World Power
	or
HIS 21600	American History Since 1865 Advanced Survey
HIS 20700	American Military History though World War Two
HIS 21400	American Military History Since 1941
HIS 23200	History of American Sports
HIS 30800	The Origins of the United States to 1800
HIS 30900	The Age of Jackson
HIS 31000	The Civil War and Reconstruction
HIS 31200	The Growth of Modern America, 1877-1914
HIS 31400	Economic History of America
HIS 31500	History of Gender in America
HIS 31600	A Biography of the Constitution
HIS 31700	The American West 1830-1960
HIS 31800	History of Race in America
HIS 32000	The United States 1918-1945: Prosperity, Depression, and War
HIS 32100	The United States in the Age of the Cold War

Two courses in European, Asian, or Latin American history selected from the following options:

HIS 20500	History of Asia
HIS 20900	The Nazi State
HIS 22000	History of Latin America
HIS 22300	The Ancient and Medieval World
HIS 26100	History of the British Isles
HIS 30100	Early Modern Europe
HIS 30200	Modern Europe
HIS 32900	Church and State in Early Modern Europe
HIS 33000	European Intellectual History
HIS 33200	Revolution in the Modern World
HIS 33600	The Civilization of Industrialism
HIS 33700	The Soviet Union and European Communism
HIS 33800	War and Society in the Twentieth Century
HIS 35500	Europe Since 1945

### MEDIEVAL AND EARLY MODERN STUDIES MINOR

*21 credit hours*

#### Requirements

A minor in medieval and early modern studies requires 21 credit hours of coursework.

Four required courses:

HIS 10000	World History Since 1500 or
HIS 22100	Global History Since 1500
HIS 20300	Historical Methods
HIS 22300	The Ancient and Medieval World
HIS 30100	Early Modern Europe

Three courses chosen from the following options:

ARTH 35600	Baroque Art
ARTH 35800	Medieval Art
ARTH 38300	Renaissance Art
ART 38700-38799	Special Topics
ENGL 20500	British Literature I
ENGL 33200	Chaucer
ENGL 33300	Shakespeare
ENGL 33800	Medieval English Literature
ENGL 33900	Early Modern Literature
ENGL 34100	Restoration and 18th-Century Literature
FRE 35000	Masterpieces of French Literature to 1800
FRE 41000	Seventeenth-Century French Theatre
FRE 41100	Rise of the French Novel
HIS 30800	The Origins of the United States to 1800
HIS 32900	Church and State in Early Modern Europe
MUS 35500	History of Western Music I
PHL 25200	Dante and the Virtues

PHL 31200	Medieval Philosophy
REL 20100	History of Christianity
REL 33000	Religious Upheaval in 16th Century Europe

*Other appropriate courses may count toward the minor with the approval of the Dean.*

### PUBLIC HISTORY MINOR

*18 credit hours*

#### Requirements

A minor in public history requires 18 credit hours of coursework.

Three required courses:

HIS 20300	Historical Methods
HIS 23300	Public History
HIS 45000	History Internship

Three courses selected from the following options:

ANT 11200	Cultural Anthropology
ANT 22500	Introduction to Archaeology
ANT 35000	Introduction to Cultural Resource Management
ANT 40500	Historical Archaeology
ART 18101	Digital Photography I
COM 12300	Media Design Foundations
COM 23300	Fundamentals of the Internet
GEO 20000	Introduction to Geographic Information Systems
NPA 30000	Fundraising
NPA 30300	Human Resource Management
NPA 35000	Management of Nonprofit Organizations
NPA 35100	Volunteer Management
NPA 37100	Grantwriting
NPA 38300	Marketing for Nonprofit Organizations
NPA 38500	Nonprofit Budgeting and Financial Management
REC 20100	Fundamentals of Interpretation

### SOCIAL STUDIES MINOR

*18 credit hours*

#### Requirements

A minor in social studies requires 18 credit hours of coursework.

Five required courses:

ANT 11200	Cultural Anthropology
GEO 20100	World Regional Geography or
GEO 20200	Concepts of Geography
PS 15600	American Government: The States
PSY 10000	Principles of Psychology
SOC 10200	Basic Concepts of Sociology

One course chosen from the following options:

ANT 21000	Native North American Indians
ANT 31700	Social and Cultural Change
ANT 32400	The Anthropology of Religion
ANT 32700	Environmental Anthropology
ECON 23020	Principles of Microeconomics
ECON 23030	Principles of Macroeconomics
ECON 33035	Current Economic & Social Issues
ECON 33060	History of Economic Thought
GEO 20000	Introduction to Geographic Information Systems
GEO 20300	Human Geography
IR 35000	International Relations Theory
PS 31000	Congress, the Presidency, and the Party System
PS 31500	Policy Analysis Statistics
SOC 24000	The Sociology of Gender Roles
SOC 31800	Race, Ethnicity, and Gender: A Global Perspective
SOC 32400	Social Interaction in Everyday Life
SOC 42000/ANT 42000	Sociocultural Theory

*This minor is recommended for students majoring in history who are seeking certification to teach social studies at the secondary level. See a history advisor about this minor.*

## TEACHER CERTIFICATION IN SOCIAL SCIENCES

To fulfill the academic requirements to be eligible for certification to teach social science at the secondary level (grades 9-12) students must complete a major in history, a minor in social studies or additional certification requirements as required by DESE, a minor in secondary education (9-12), and EDU 33500. See the description of the minor in secondary education (9-12) in the School of Education section of this catalog.

## Philosophy Department

*Dr. David Brown, Chair*

The Department of Philosophy offers a Bachelor of Arts in the following areas:

- Philosophy, traditional emphasis
- Philosophy, interdisciplinary emphasis

The department offers minors in the following areas:

- Philosophy
- History of ideas
- Social and political philosophy
- Philosophy of religion

## PHILOSOPHY BA

### TRADITIONAL EMPHASIS

*36 credit hours*

The Bachelor of Arts in Philosophy with a traditional emphasis prepares students to engage in occupations that encourage or require critical reading, writing, and communication skills. It prepares students for graduate training in philosophy in pursuit of credentials to teach at the secondary or post-secondary levels. It also prepares students for graduate training in other fields, such as law, business, and medicine due to the extremely high scores of philosophy majors on graduate exams. Given philosophy's central role in a humanistic education, it also prepares students for life as well-rounded individuals and citizens of a global community.

### Requirements

Five required courses:

PHL 15000	Introduction to Philosophy
PHL 21600	Modern Symbolic Logic
PHL 31100	Ancient Philosophy
PHL 31200	Medieval Philosophy
PHL 31300	Modern Philosophy

One course selected from the following options:

PHL 21400	Ethics
PHL 25000	Contemporary Moral Theory
PHL 30000	The Natural Law

One course selected from the following options:

PHL 26500	Philosophy of Science
PHL 32500	Philosophy of Religion
PHL 34500	Metaphysics
PHL 35500	Epistemology
PHL 36500	Topics in Philosophy of Science
PHL 37000	Philosophy of Mind

Five courses selected from the following options:

PHL 10200	Moral Life: A Study in Ethics
PHL 14000	Philosophy of Love
PHL 17000	Philosophy of Human Nature: Mind, Soul and Body
PHL 18000-18099	Selected Topics in Philosophy
PHL 18100-18199	Selected Topics in Philosophy
PHL 18200-18299	Selected Topics in Philosophy
PHL 21500	Traditional Logic
PHL 24000	Bioethics
PHL 26000	Philosophy of Art
PHL 28000-28099	Selected Topics in Philosophy



PHL 28100-28199	Selected Topics in Philosophy
PHL 28200-28299	Selected Topics in Philosophy
PHL 30000	The Natural Law
PHL 30500	Political Philosophy
PHL 31800	Asian Philosophy
PHL 32500	Philosophy of Religion
PHL 34000	Topics in Bioethics
PHL 35000	Philosophy of Law
PHL 37000	Philosophy of Mind

## PHILOSOPHY BA

### INTERDISCIPLINARY EMPHASIS

#### *36 credit hours*

The Bachelor of Arts in Philosophy with an interdisciplinary emphasis prepares students to engage in occupations that encourage or require critical reading, writing, and communication skills. It prepares students for graduate training in fields such as law, business and medicine due to the extremely high scores of philosophy majors on graduate exams. It also enhances students' understanding of their own fields by addressing fundamental questions not covered elsewhere. Given philosophy's central role in a humanistic education, it also prepares students for life as well-rounded individuals and citizens of a global community.

#### **Requirements**

Three required courses:

PHL 15000	Introduction to Philosophy
PHL 31100	Ancient Philosophy
PHL 31200	Medieval Philosophy

One course selected from the following options:

PHL 21500	Traditional Logic
PHL 21600	Modern Symbolic Logic

One course selected from the following options:

PHL 31300	Modern Philosophy
HIS 33000	European Intellectual History

One course selected from the following options:

PHL 21400	Ethics
PHL 24000	Bioethics
PHL 25000	Contemporary Moral Theory
PHL 25200	Dante and the Virtues
PHL 30000	The Natural Law
PHL 34000	Topics in Bioethics

One course selected from the following options:

PHL 26500	Philosophy of Science
PHL 32500	Philosophy of Religion
PHL 34500	Metaphysics
PHL 35500	Epistemology

PHL 36500	Topics in Philosophy of Science
PHL 37000	Philosophy of Mind

Two courses selected from the following options:

PHL 10200	Moral Life: A Study in Ethics
PHL 14000	Philosophy of Love
PHL 17000	Philosophy of Human Nature: Mind, Soul and Body

PHL 18000-18099	Selected Topics in Philosophy
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PHL 21500	Traditional Logic
PHL 24000	Bioethics
PHL 26000	Philosophy of Art
PHL 28000-28099	Selected Topics in Philosophy

PHL 30000	The Natural Law
PHL 30500	Political Philosophy
PHL 31800	Asian Philosophy
PHL 32500	Philosophy of Religion
PHL 34000	Topics in Bioethics
PHL 35000	Philosophy of Law
PHL 37000	Philosophy of Mind

Three courses selected from the following options:

ANT 31700	Social and Cultural Change
ANT 32400	The Anthropology of Religion
ANT 40500	Historical Archaeology
ANT 42000/SOC 42000	Sociocultural Theory

ARTH 22200	History of Western Art to 1300
ARTH 22400	History of Western Art from 1300
ARTH 35400	Nineteenth-Century Art
ARTH 35600	Baroque Art
ARTH 35700	Ancient Art
ARTH 35800	Medieval Art
ARTH 36100	Twentieth-Century Art/Modern
ARTH 36300	Early Modern Gender Studies

ARTH 36401-36499	Topics in Non-Western Art
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ARTH 38300	Renaissance Art
ARTH 38400	Classical Myth
ARTH 38900	Art Theory and Criticism
ARTH 41000	Research Methods of Art History
AST 20100	The American Promise
BSC 46400	Evolution
COM 10200	Public Debate
COM 30200	Seminar in Professional Practice & Ethics
COM 37000	History of Film
COM 37600	Asian Cinema
CSC 40300	Computer Architecture
CSC 40800	Organization of Programming Languages
CSP 35000	History of Traditional Chinese Civilization
CSP 35100	History of Modern Chinese Civilization
CSP 37000	Contemporary China: China in Revolution

CSP 40000	Ming and Qing China: 1368-1839	MTH 35100	Numerical Methods
CSP 40100	Modern China: From the Opium Wars to National Revolution, 1839-1911	MTH 37000	Advanced Calculus
ECON 23010	Survey of Economics	PHL 10200	Moral Life: A Study in Ethics
ECON 23020	Principles of Microeconomics	PHL 14000	Philosophy of Love
ECON 23030	Principles of Macroeconomics	PHL 17000	Philosophy of Human Nature: Mind, Soul and Body
ECON 33035	Current Economic & Social Issues	PHL 18000-18099	Selected Topics in Philosophy
ECON 33055	Economics and the Environment	PHL 21500	Traditional Logic
ECON 33060	History of Economic Thought	PHL 24000	Bioethics
ECON 33065	Seminar in Economic Federalism	PHL 26000	Philosophy of Art
ECON 43078	Econometrics	PHL 28000-28099	Selected Topics in Philosophy
ENGL 20100	World Literature I	PHL 30000	The Natural Law
ENGL 20200	World Literature II	PHL 30500	Political Philosophy
ENGL 25600	Survey of Greek Literature	PHL 31800	Asian Philosophy
ENGL 27600	African-American Literature	PHL 32500	Philosophy of Religion
ENGL 27800	Latino Literature	PHL 34000	Topics in Bioethics
ENGL 20500	British Literature I	PHL 35000	Philosophy of Law
ENGL 20600	British Literature II	PHL 37000	Philosophy of Mind
ENGL 30900	The Novel	PS 30000	Comparative Analysis
ENGL 33200	Chaucer	PS 30800	Debate
ENGL 33300	Shakespeare	PS 31100	American Constitutional Law
ENGL 33800	Medieval English Literature	PS 33050	Political Economy
ENGL 33900	Early Modern Literature	PS 36000	Civil Liberties
ENGL 34200	English Romantic Literature	PSY 30400	Basic Research Methods
ENGL 34300	19th Century Literature	PSY 30900	Personality
ENGL 40400	History of the English Language	PSY 32500	Behavioral Neuroscience
ENGL 45400	Senior Thesis	PSY 33100	Cognitive Psychology
GS 30000	Gender Theory	PSY 33400	Social Psychology
HIS 20300	Historical Methods	REC 20100	Fundamentals of Interpretation
HIS 22300	The Ancient and Medieval World	REL 20100	History of Christianity
HIS 31400	Economic History of America	REL 23000	Introduction to Asian Religions
HIS 31500	History of Gender in America	REL 30000	Religion, Science, and Faith
HIS 31600	A Biography of the Constitution	REL 30500	The Psychology of Religion
HIS 31800	History of Race in America	REL 31000	Islam and the West
HIS 32900	Church and State in Early Modern Europe	REL 31800	Asian Myth and Religion
HIS 33000	European Intellectual History	REL 32000	The Christian Faith
HIS 33200	Revolution in the Modern World	REL 32600	Faith and Reason
HIS 33600	The Civilization of Industrialism	SCI 21200	History of Science
HIS 33700	The Soviet Union and European Communism	SCI 21400	Ethical Problems in Science
HIS 33800	War and Society in the Twentieth Century	SOC	Sociocultural Theory
HIS 35500	Europe Since 1945	42000/ANT	
IR 35000	International Relations Theory	42000	
MGMT 26061	Business Law I		
MGMT 36033	Introduction to Management Decision Science		
MGMT 38900	Game Theory		
MGMT 46050	Managerial Ethics		
MIS 44020	Information Systems Analysis and Design		
MTH 22100	Discrete Structures		
MTH 24100	Statistics for Natural Science		
MTH 28500	Introduction to Advanced Mathematics		
MTH 31100	Differential Equations		
MTH 31300	History of Mathematics		
MTH 32000	Algebraic Structures		

*Note: No duplication of coursework is allowed.*

**PHILOSOPHY MINOR***18 credit hours***Requirements**

A minor in philosophy requires 18 credit hours of coursework.

Three courses selected from the following options:

PHL 21400	Ethics
PHL 21600	Modern Symbolic Logic
PHL 25000	Contemporary Moral Theory
PHL 26500	Philosophy of Science
PHL 30000	The Natural Law
PHL 31100	Ancient Philosophy
PHL 31200	Medieval Philosophy
PHL 31300	Modern Philosophy
PHL 34500	Metaphysics
PHL 35500	Epistemology
PHL 36500	Topics in Philosophy of Science
PHL 37000	Philosophy of Mind

Three courses selected from the following options:

PHL 10200	Moral Life: A Study in Ethics
PHL 15000	Introduction to Philosophy
PHL 18000-18099	Selected Topics in Philosophy
PHL 18100-18199	Selected Topics in Philosophy
PHL 18200-18299	Selected Topics in Philosophy
PHL 17000	Philosophy of Human Nature: Mind, Soul and Body
PHL 21400	Ethics
PHL 21500	Traditional Logic
PHL 21600	Modern Symbolic Logic
PHL 24000	Bioethics
PHL 25000	Contemporary Moral Theory
PHL 26500	Philosophy of Science
PHL 28000-28099	Selected Topics in Philosophy
PHL 28100-28199	Selected Topics in Philosophy
PHL 28200-28299	Selected Topics in Philosophy
PHL 30000	The Natural Law
PHL 30500	Political Philosophy
PHL 31100	Ancient Philosophy
PHL 31800	Asian Philosophy
PHL 32500	Philosophy of Religion
PHL 34000	Topics in Bioethics
PHL 34500	Metaphysics
PHL 35000	Philosophy of Law
PHL 35500	Epistemology
PHL 36500	Topics in Philosophy of Science
PHL 37000	Philosophy of Mind

*Note: No duplication of coursework is allowed.*

**HISTORY OF IDEAS MINOR***21 credit hours***Requirements**

A minor in the history of ideas requires 21 credit hours of coursework, 12 core hours, and nine hours in an area of emphasis.

Two required courses:

PHL 31100	Ancient Philosophy
HIS 33000	European Intellectual History
	or
PHL 31300	Modern Philosophy

Two courses selected from the following options:

ECON 33060	History of Economic Thought
HIS 31400	Economic History of America
HIS 31500	History of Gender in America
HIS 31600	A Biography of the Constitution
HIS 31800	History of Race in America
HIS 32900	Church and State in Early Modern Europe
HIS 33200	Revolution in the Modern World
HIS 33600	The Civilization of Industrialism
HIS 33700	The Soviet Union and European Communism
HIS 33800	War and Society in the Twentieth Century
HIS 35500	Europe Since 1945
PHL 30000	The Natural Law
PHL 31200	Medieval Philosophy
PHL 31800	Asian Philosophy

*\*HIS 33000 or PHL 31300: The course not selected to fulfill the core requirement may be used to meet this elective requirement.*

Three courses from one emphasis area:

The areas of emphasis and their courses are listed below:

**Science Emphasis**

ANT 31700	Social and Cultural Change
ANT 32400	The Anthropology of Religion
ANT 40500	Historical Archaeology
ANT 42000/SOC 42000	Sociocultural Theory
BSC 46400	Evolution
MIS 44020	Information Systems Analysis and Design
MTH 31300	History of Mathematics
PHL 26500	Philosophy of Science
PHL 36500	Topics in Philosophy of Science
PSY 30400	Basic Research Methods
PSY 30900	Personality
PSY 32500	Behavioral Neuroscience
PSY 33100	Cognitive Psychology
PSY 33400	Social Psychology

REL 30000	Religion, Science, and Faith
SCI 21200	History of Science
SCI 21400	Ethical Problems in Science
SOC 42000/ANT 42000	Sociocultural Theory
SOC 32400	Social Interaction in Everyday Life

**Art and Literature Emphasis**

ARTH 22200	History of Western Art to 1300
ARTH 22400	History of Western Art from 1300
ARTH 35400	Nineteenth-Century Art
ARTH 35600	Baroque Art
ARTH 35700	Ancient Art
ARTH 35800	Medieval Art
ARTH 36100	Twentieth-Century Art/Modern
ARTH 36300	Early Modern Gender Studies
ARTH 36401- 36499	Topics in Non-Western Art
ARTH 38300	Renaissance Art
ARTH 38400	Classical Myth
ARTH 41000	Research Methods of Art History
ENGL 20100	World Literature I
ENGL 20200	World Literature II
ENGL 25600	Survey of Greek Literature
ENGL 27600	African-American Literature
ENGL 27800	Latino Literature
ENGL 20500	British Literature I
ENGL 20600	British Literature II
ENGL 30900	The Novel
ENGL 33200	Chaucer
ENGL 33300	Shakespeare
ENGL 33800	Medieval English Literature
ENGL 33900	Early Modern Literature
ENGL 34200	English Romantic Literature
ENGL 34300	19th Century Literature
ENGL 40400	History of the English Language
ENGL 45400	Senior Thesis
PHL 28000- 28099	Selected Topics in Philosophy
PHL 28100- 28199	Selected Topics in Philosophy
PHL 28200- 28299	Selected Topics in Philosophy

**Philosophy and Religion Emphasis**

PHL 21400	Ethics
PHL 25000	Contemporary Moral Theory
PHL 30000	The Natural Law
PHL 30500	Political Philosophy
PHL 32500	Philosophy of Religion
PHL 34500	Metaphysics
PHL 35000	Philosophy of Law
PHL 35500	Epistemology
PHL 37000	Philosophy of Mind
REL 20100	History of Christianity

REL 23000	Introduction to Asian Religions
REL 30000	Religion, Science, and Faith
REL 30500	The Psychology of Religion
REL 31000	Islam and the West
REL 31800	Asian Myth and Religion
REL 32000	The Christian Faith
REL 32600	Faith and Reason

*Approved Special Topics courses may also be used to fulfill this requirement.*

**PHILOSOPHY OF RELIGION MINOR**

*21 credit hours*

The Department of Philosophy, in conjunction with the Department of Religion, offers a minor in philosophy of religion. The philosophy of religion minor requires 21 credit hours of coursework.

**Requirements**

A minor in the philosophy of religion requires 21 credit hours of coursework, six core hours and 15 hours of philosophy and religion courses.

Two required courses:

PHL 32500	Philosophy of Religion
REL 32600	Faith and Reason

Two or three courses selected from the following options:

*Some PHL and REL Selected Topics courses may be substituted with permission from the dean. PHL 26500 and PHL 36500 cannot both be taken to fulfill this requirement.*

PHL 26500	Philosophy of Science
PHL 31100	Ancient Philosophy
PHL 31200	Medieval Philosophy
PHL 31300	Modern Philosophy
PHL 31800	Asian Philosophy
PHL 34500	Metaphysics
PHL 35500	Epistemology
PHL 36500	Topics in Philosophy of Science

Two or three courses selected from the following options:

REL 23000	Introduction to Asian Religions
REL 30000	Religion, Science, and Faith
REL 30500	The Psychology of Religion
REL 31000	Islam and the West
REL 31800	Asian Myth and Religion
REL 32000	The Christian Faith

*Some PHL and REL Selected Topics courses may be substituted with permission of the dean.*

## SOCIAL AND POLITICAL PHILOSOPHY MINOR

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18 credit hours

### Requirements

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A minor in social and political philosophy requires 18 credit hours of coursework, nine core hours, and nine hours in an area of emphasis.

One of the following courses:

PHL 21400	Ethics or
PHL 25000	Contemporary Moral Theory

Two courses from the following:

PHL 30000	The Natural Law
PHL 30500	Political Philosophy
PHL 35000	Philosophy of Law

Three courses from one emphasis area:

#### *Business/Economic Emphasis*

ECON 23010	Survey of Economics
ECON 23020	Principles of Microeconomics
ECON 23030	Principles of Macroeconomics
ECON 33055	Economics and the Environment
ECON 33060	History of Economic Thought
ECON 43078	Econometrics
MGMT 26061	Business Law I
MGMT 36033	Introduction to Management Decision Science
MGMT 38900	Game Theory
MGMT 46050	Managerial Ethics
MIS 44020	Information Systems Analysis and Design

#### *History Emphasis*

AST 20100	The American Promise
ECON 33060	History of Economic Thought
HIS 20300	Historical Methods
HIS 22300	The Ancient and Medieval World
HIS 31400	Economic History of America
HIS 31500	History of Gender in America
HIS 31600	A Biography of the Constitution
HIS 31800	History of Race in America
HIS 32900	Church and State in Early Modern Europe
HIS 33000	European Intellectual History
HIS 33200	Revolution in the Modern World
HIS 33600	The Civilization of Industrialism
HIS 33700	The Soviet Union and European Communism
HIS 33800	War and Society in the Twentieth Century
HIS 35500	Europe Since 1945

#### *Political Science Emphasis*

ECON 33060	History of Economic Thought
IR 35000	International Relations Theory
PS 30000	Comparative Analysis
PS 30800	Debate
PS 31100	American Constitutional Law
PS 33050	Political Economy
PS 36000	Civil Liberties

#### *Social Science Emphasis*

ANT 31700	Social and Cultural Change
ANT 32400	The Anthropology of Religion
ANT 40500	Historical Archaeology
ANT 42000/SOC 42000	Sociocultural Theory
ECON 33060	History of Economic Thought
PSY 30400	Basic Research Methods
PSY 30900	Personality
PSY 32500	Behavioral Neuroscience
PSY 33100	Cognitive Psychology
PSY 33400	Social Psychology
SOC 32400	Social Interaction in Everyday Life
SOC 42000/ANT 42000	Sociocultural Theory

## PHILOSOPHY AND THE ARTS MINOR

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18 credit hours

### Requirements

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The minor in Philosophy and the Arts requires 18 credit hours of coursework.

Two required courses:

ARTH 38900	Art Theory and Criticism
PHL 26000	Philosophy of Art

Two courses from the following options:

Two of these courses: ARTH 22200 History of Western Art to 1300; or ARTH 22400 History of Western Art from 1300

OR

Two of these courses: PHL 31100 Ancient Philosophy; PHL 31200 Medieval Philosophy; or PHL 31300 Modern Philosophy

Two courses from the following options:

ART 10600	Two-Dimensional (2-D) Design
COM 14000	Introduction to Cinema Arts
COM 37000	History of Film
COM 37600	Asian Cinema
DAN 10100	Introduction to Dance
DAN 17100	Dance as an Art
DAN 27100	Dance History
MUS 11800	Music Theory for Non-Majors

MUS 15000	Music in America
MUS 15500	Jazz History
MUS 16500	Introduction to Music Literature
TA 37100	History of Theatre I
TA 37200	History of Theatre II

## Public Affairs and Administration Department

*Dr. Joseph Cernik, Chair*

The Department of Public Affairs and Administration offers the following degrees:

Bachelor of Arts in Economics

Bachelor of Arts in International Relations

Bachelor of Arts in International Relations - Security Studies Emphasis

Bachelor of Arts in Political Science

Bachelor of Arts in Public Administration

The department also offers minors in international relations, political science, and public administration.

### ECONOMICS BA

*33 credit hours*

An economics degree provides students with a solid grounding in economic theory, along with training in applied statistics. In addition to being useful for understanding a variety of public policy issues, the skills provided by an economics degree are highly valued by employers. Economics training is also excellent preparation for graduate coursework in business, law, or the social sciences.

#### Requirements

Six required courses:

ECON 23020	Principles of Microeconomics
ECON 23030	Principles of Macroeconomics
ECON 33040	Intermediate Microeconomics
ECON 33045	Intermediate Macroeconomics
MTH 14200	Quantitative Methods for Business
PS 31500	Policy Analysis Statistics

Three courses selected from the following options:

ECON 33020	Managerial Economics
ECON 33025	Money and Banking
ECON 33035	Current Economic & Social Issues
ECON 33055	Economics and the Environment
ECON 33060	History of Economic Thought
ECON 43010	Labor Economics
ECON 43020	Public Economics
ECON 43030	Urban and Regional Economics
INTL 48040	International Economics

PS 32000	Public Finance
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One course selected from the following options:

ECON 33065	Seminar in Economic Federalism
ECON 43010	Labor Economics
ECON 43020	Public Economics
ECON 43030	Urban and Regional Economics
ECON 43078	Econometrics
MGMT 38900	Game Theory
PS 47500	Governmental and Economic Research
SPMGT 33000	Sport Economics

*Economics majors must take MTH 14100 (Basic Statistics) to fulfill the general education math requirement.*

### INTERNATIONAL RELATIONS BA

*42 credit hours*

The Bachelor of Arts in International Relations is designed for individuals who wish to practice as professionals in the fields of international affairs, business, law, journalism, or politics. It is recommended that students achieve basic proficiency in a foreign language prior to completing the program. Although it is not required, students are encouraged to participate in a university study abroad program to further develop their international orientation.

#### Requirements

Seven required courses:

IR 10000	Introduction to International Relations
IR 20000	International Organizations and the Global Architecture
IR 30000	Diplomatic Affairs: Peace and Conflict Resolution
IR 35000	International Relations Theory
IR 35100	American Foreign Policy
IR 40100	Intelligence, Military, and National Policy
PS 30000	Comparative Analysis

Seven courses selected from the following options:

CSP 37000	Contemporary China: China in Revolution
ECON 23020	Principles of Microeconomics
ECON 23030	Principles of Macroeconomics
ECON 33065	Seminar in Economic Federalism
FRE 33700	History of French Civilization
GEO 20100	World Regional Geography
GEO 20700	World Economic Geography
HIS 20000	History of the Contemporary World
HIS 31000	The Civil War and Reconstruction
HIS 32100	The United States in the Age of the Cold War
HIS 33200	Revolution in the Modern World

HIS 33700	The Soviet Union and European Communism
HIS 33800	War and Society in the Twentieth Century
INTL 38000	Global Business and Society
INTL 48040	International Economics
INTL 48060	International Risk and Politics
IR 31000	British Government and Politics
MGMT 38900	Game Theory
PHL 30500	Political Philosophy
PHL 31800	Asian Philosophy
PS 30100	Comparative Public Policy
PS 30700	Public Affairs: Writing and Reporting
PS 31500	Policy Analysis Statistics
PS 33050	Political Economy
PS 47500	Governmental and Economic Research
REL 31000	Islam and the West
REL 31800	Asian Myth and Religion
SPA 33500	Peninsular Spanish Culture and Civilization
SPA 33600	Latin American Culture and Civilization
SPA 41600	The Role of Women in Hispanic Societies

*Study abroad courses may fulfill these requirements with the permission of the dean. Approved special topics courses may also be used to meet this requirement.*

## INTERNATIONAL RELATIONS MINOR

*18 credit hours*

### Requirements

Required courses include:

IR 10000	Introduction to International Relations
IR 20000	International Organizations and the Global Architecture
IR 35000	International Relations Theory
IR 35100	American Foreign Policy

Two courses selected from the following options:

IR 30000	Diplomatic Affairs: Peace and Conflict Resolution
IR 40100	Intelligence, Military, and National Policy
PS 30000	Comparative Analysis

## INTERNATIONAL RELATIONS BA

### SECURITY STUDIES EMPHASIS

*42 credit hours*

The International Relations with a Security Studies emphasis program focuses particularly on the threats and opportunities present in the global security environment of the twenty-first century. Students with this emphasis will

gain an in-depth knowledge of issues such as the evolution of terrorism, nuclear proliferation and rogue states, great power politics and diplomacy, civil war and state collapse, and other challenges facing the international community today and in coming decades.

### Requirements

Seven required courses:

IR 10000	Introduction to International Relations
IR 20000	International Organizations and the Global Architecture
IR 30000	Diplomatic Affairs: Peace and Conflict Resolution
IR 35000	International Relations Theory
IR 35100	American Foreign Policy
IR 40100	Intelligence, Military, and National Policy
PS 30000	Comparative Analysis

Two courses selected from the following options:

CSP 37000	Contemporary China: China in Revolution
ECON 23020	Principles of Microeconomics
ECON 23030	Principles of Macroeconomics
ECON 33065	Seminar in Economic Federalism
FRE 33700	History of French Civilization
GEO 20100	World Regional Geography
GEO 20700	World Economic Geography
HIS 20000	History of the Contemporary World
HIS 31000	The Civil War and Reconstruction
HIS 32100	The United States in the Age of the Cold War
HIS 33200	Revolution in the Modern World
HIS 33700	The Soviet Union and European Communism
HIS 33800	War and Society in the Twentieth Century
INTL 38000	Global Business and Society
INTL 48040	International Economics
INTL 48060	International Risk and Politics
IR 31000	British Government and Politics
MGMT 38900	Game Theory
PHL 30500	Political Philosophy
PHL 31800	Asian Philosophy
PS 30100	Comparative Public Policy
PS 30700	Public Affairs: Writing and Reporting
PS 31500	Policy Analysis Statistics
PS 33050	Political Economy
PS 47500	Governmental and Economic Research
REL 31000	Islam and the West
REL 31800	Asian Myth and Religion
SPA 33500	Peninsular Spanish Culture and Civilization
SPA 33600	Latin American Culture and Civilization
SPA 41600	The Role of Women in Hispanic Societies

*Approved special topics may also be used to meet this requirement.*

Five courses selected from the following options:

CSP 37000	Contemporary China: China in Revolution
HIS 20000	History of the Contemporary World
HIS 21400	American Military History Since 1941
HIS 32100	The United States in the Age of the Cold War
HIS 33200	Revolution in the Modern World
HIS 33700	The Soviet Union and European Communism
HIS 33800	War and Society in the Twentieth Century
INTL 48060	International Risk and Politics
MGMT 38900	Game Theory
REL 31000	Islam and the West

*Approved special topics courses may also be used to meet this requirement.*

## **POLITICAL SCIENCE BA**

*36 credit hours*

Traditionally, this major introduces students to governments and political processes. Additional topics are also covered, particularly when students are introduced to methods used to study this discipline, some of which includes the use of statistics. Courses focus on using intensive reading and writing to help prepare students for law school and graduate school.

### **Requirements**

Five required courses:

PS 15600	American Government: The States
PS 30000	Comparative Analysis
PHL 30500	Political Philosophy
PS 31500	Policy Analysis Statistics
PS 47500	Governmental and Economic Research

One course selected from the following options:

HIS 15500	U.S. Government: Politics and History
PS 15500	American Government: The Nation

Five courses selected from the following options:

PS 30100	Comparative Public Policy
PS 30700	Public Affairs: Writing and Reporting
PS 30800	Debate
PS 31000	Congress, the Presidency, and the Party System
PS 31100	American Constitutional Law
PS 33500	Public Administration
PS 34500	Campaigns & Elections
IR 35000	International Relations Theory
IR 35100	American Foreign Policy
PS 36000	Civil Liberties
PS 36500	Appreciating Political Books
PS 36700	Directed Research
PS 37500	Public Affairs Forum
PS 45000	Government Internship

HIS 31600	A Biography of the Constitution
HIS 33000	European Intellectual History
HIS 33200	Revolution in the Modern World
HIS 33800	War and Society in the Twentieth Century
PHL 31300	Modern Philosophy
PHL 35000	Philosophy of Law
PS 32000	Public Finance
INTL 48020	International Finance

*Political science majors must take MTH 14100 (Basic Statistics) to fulfill the general education math requirement.*

## **PUBLIC ADMINISTRATION BA**

*36 credit hours*

The public administration program prepares students to handle the rigors of graduate and professional school. Most careers that involve Public Administration will require students to consider earning at least one degree beyond the bachelor's degree. A significant number of Lindenwood public administration graduates have continued their education, earning master's, doctoral, or law degrees. The interdisciplinary nature of the public administration major, which requires students to complete courses in several different fields of study, helps prepare students for a variety of graduate degree options.

### **Requirements**

Six required courses:

PS 15600	American Government: The States
PS 31500	Policy Analysis Statistics
PS 33500	Public Administration
PS 47500	Governmental and Economic Research
ACCT 21010	Principles of Financial Accounting
PS 32000	Public Finance

One course selected from the following options:

HIS 15500	U.S. Government: Politics and History
PS 15500	American Government: The Nation

Four courses selected from the following options:

ACCT 41060	Governmental and Nonprofit Accounting
ECON 33020	Managerial Economics
ECON 33025	Money and Banking
ECON 33035	Current Economic & Social Issues
ECON 33055	Economics and the Environment
FIN 32000	Principles of Finance
HIS 15500	U.S. Government: Politics and History
HIS 31400	Economic History of America
HIS 31600	A Biography of the Constitution
HRM 36510	Human Resource Management
HRM 36520	Labor Relations
HRM 36540	Employment Law
INTL 48020	International Finance
INTL 48040	International Economics



MGMT 26032	Principles of Management
MGMT 26061	Business Law I
PS 15500	American Government: The Nation
PS 30100	Comparative Public Policy
PS 30700	Public Affairs: Writing and Reporting
PS 30800	Debate
PS 31100	American Constitutional Law
PS 33050	Political Economy
PS 34500	Campaigns & Elections
PS 36000	Civil Liberties
PS 36500	Appreciating Political Books
PS 36700	Directed Research
PS 37500	Public Affairs Forum
PS 45000	Government Internship

*Students must take MTH 14100 (Basic Statistics) to fulfill the general education math requirement.*

### **POLITICAL SCIENCE MINOR**

*18 credit hours*

#### **Requirements**

The minor in political science requires 18 credit hours of coursework.

Required courses include:

PS 15600	American Government: The States
PS 30000	Comparative Analysis
PHL 30500	Political Philosophy

Plus one of the following:

PS 15500	American Government: The Nation
HIS 15500	U.S. Government: Politics and History

Plus six credit hours of coursework selected from the following options:

PS 30100	Comparative Public Policy
PS 30700	Public Affairs: Writing and Reporting
PS 30800	Debate
PS 31100	American Constitutional Law
PS 31500	Policy Analysis Statistics
PS 33500	Public Administration
PS 34500	Campaigns & Elections
IR 35000	International Relations Theory
IR 35100	American Foreign Policy
PS 36000	Civil Liberties
PS 36500	Appreciating Political Books
PS 36700	Directed Research
PS 37500	Public Affairs Forum
PS 45000	Government Internship
PS 47500	Governmental and Economic Research

### **PUBLIC ADMINISTRATION MINOR**

*18 credit hours*

#### **Requirements**

A minor in public administration requires 18 credit hours of coursework.

Required courses include:

PS 15600	American Government: The States
PS 32000	Public Finance
PS 33500	Public Administration

Plus one of the following:

PS 15500	American Government: The Nation
HIS 15500	U.S. Government: Politics and History

Plus six credit hours selected from the following options:

ACCT 21010	Principles of Financial Accounting
ACCT 41060	Governmental and Nonprofit Accounting
ECON 33020	Managerial Economics
ECON 33025	Money and Banking
ECON 33035	Current Economic & Social Issues
ECON 33055	Economics and the Environment
FIN 32000	Principles of Finance
HIS 31400	Economic History of America
HIS 31600	A Biography of the Constitution
HRM 36510	Human Resource Management
HRM 36520	Labor Relations
HRM 36540	Employment Law
INTL 48020	International Finance
INTL 48040	International Economics
MGMT 26032	Principles of Management
MGMT 26061	Business Law I
PS 30100	Comparative Public Policy
PS 30700	Public Affairs: Writing and Reporting
PS 31100	American Constitutional Law
PS 31500	Policy Analysis Statistics
PS 33050	Political Economy
PS 34500	Campaigns & Elections
PS 36000	Civil Liberties
PS 36500	Appreciating Political Books
PS 36700	Directed Research
PS 37500	Public Affairs Forum
PS 45000	Government Internship
PS 47500	Governmental and Economic Research

## PRE-LAW

Students who desire to attend law school can major in any undergraduate discipline. Law schools are interested in students who have a sound and broad general education. They are seeking students who have become proficient at basic skills such as reading comprehension, critical thinking, writing competence, and oral communication.

### Requirements

The following classes are recommended for students desiring to enter law school:

ACCT 21010	Principles of Financial Accounting
ECON 23020	Principles of Microeconomics
ECON 23030	Principles of Macroeconomics
ECON 23010	Survey of Economics
MGMT 26061	Business Law I
MGMT 36062	Business Law II
MGMT 46063	Business Law III
COM 10500	Group Dynamics and Effective Speaking
COM 11000	Fundamentals of Oral Communication
PHL 21500	Traditional Logic
PHL 35000	Philosophy of Law
PS 15500	American Government: The Nation
PS 30700	Public Affairs: Writing and Reporting
PS 31100	American Constitutional Law
PS 36000	Civil Liberties
PS 45000	Government Internship
SOC 31800	Race, Ethnicity, and Gender: A Global Perspective
SOC 32100	Urban Sociology
SW 10000	Intercultural Communication

*Notes: (1) Political science, public administration, and business administration majors can easily complete many of these classes along with their general education (GE) and respective degree requirements without exceeding the minimum 128 credit hours needed for graduation.*

*(2) Completion of these courses does not entitle the student to any type of minor, emphasis, or certificate, nor does it ensure acceptance into a graduate law program.*

## Religion Department

*Dr. Michael Mason, Chair*

The Department of Religion offers a Bachelor of Arts in Religion, a Bachelor of Arts in Religion - Christian Thought Emphasis, and a Bachelor of Arts in Religion - Comparative Religion Emphasis. The department offers minors in religion and philosophy of religion.

Through this department, Lindenwood students have the opportunity to study religion from a nonsectarian, academic point of view. The goal of the study of religion is not to promote or undermine religion or any particular

religious tradition; an academic approach to religion aims to understand critically the power, prevalence, and relevance of religion in many cultures and aspects of life. The religion program may be used as a basis for graduate work in academic study and research, as preparation for religious training, or as background and support for other business and professional careers.

## RELIGION BA

*36 credit hours*

The Bachelor of Arts in Religion with an open emphasis allows the student remarkable flexibility in constructing a course of study to suit their interests.

### Requirements

Six required courses:

REL 15000	World Religions
REL 20100	History of Christianity
REL 20200	Religion in America
REL 32600	Faith and Reason
REL 33500	Christianity, Ethics and Modern Society
REL 40000	Senior Project

Six courses selected from the following options:

REL 21000	Old Testament
REL 21100	New Testament
REL 22200	Amusements and American Religion
REL 23000	Introduction to Asian Religions
REL 30000	Religion, Science, and Faith
REL 30500	The Psychology of Religion
REL 31000	Islam and the West
REL 31800	Asian Myth and Religion
REL 32000	The Christian Faith
REL 33000	Religious Upheaval in 16th Century Europe

GE-Communications recommendation

COM 10300	Storytelling
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GE-Cross Cultural recommendations

ANT 21000	Native North American Indians
ANT 32400	The Anthropology of Religion
ARTH 38400	Classical Myth
COM 37600	Asian Cinema

GE-Natural Science recommendation

ANT 13100	Biological Anthropology with Lab
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GE-Social Science recommendations

ANT 10000	Introduction to Anthropology
ANT 11200	Cultural Anthropology
PSY 10000	Principles of Psychology
SOC 10200	Basic Concepts of Sociology

## RELIGION BA CHRISTIAN THOUGHT EMPHASIS

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*36 credit hours*

The Bachelor of Arts in Religion with a Christian thought emphasis affords students the opportunity to gain a solid foundation in the academic study of religion while also deeply engaging with one particular religious intellectual tradition, namely, that of Christianity.

### Requirements

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Seven required courses:

REL 15000	World Religions
REL 20100	History of Christianity
REL 32000	The Christian Faith
REL 32600	Faith and Reason
REL 33000	Religious Upheaval in 16th Century Europe
REL 33500	Christianity, Ethics and Modern Society
REL 40000	Senior Project

Five courses selected from the following options:

HIS 32900	Church and State in Early Modern Europe
PHL 31200	Medieval Philosophy
PHL 31300	Modern Philosophy
REL 20200	Religion in America
REL 21000	Old Testament
REL 21100	New Testament
REL 30000	Religion, Science, and Faith
REL 30500	The Psychology of Religion

GE-Communications recommendation

COM 10300	Storytelling
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GE-Cross Cultural recommendations

ANT 21000	Native North American Indians
ANT 32400	The Anthropology of Religion
ARTH 38400	Classical Myth
COM 37600	Asian Cinema

GE-Natural Science recommendation

ANT 13100	Biological Anthropology with Lab
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GE-Social Science recommendations

ANT 10000	Introduction to Anthropology
ANT 11200	Cultural Anthropology
PSY 10000	Principles of Psychology
SOC 10200	Basic Concepts of Sociology

## RELIGION BA COMPARATIVE RELIGION EMPHASIS

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*36 credit hours*

The Bachelor of Arts in Religion with a comparative religion emphasis affords students the opportunity to gain a solid foundation in the academic study of religion while also studying broadly in different particular religious traditions.

### Requirements

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Eight required courses:

ANT 32400	The Anthropology of Religion
REL 15000	World Religions
REL 20100	History of Christianity
REL 20200	Religion in America
REL 30500	The Psychology of Religion
REL 31000	Islam and the West
REL 31800	Asian Myth and Religion
REL 40000	Senior Project

Two courses selected from the following options:

REL 21000	Old Testament
REL 21100	New Testament
REL 22200	Amusements and American Religion
REL 23000	Introduction to Asian Religions
REL 30000	Religion, Science, and Faith
REL 32000	The Christian Faith
REL 33000	Religious Upheaval in 16th Century Europe
REL 33500	Christianity, Ethics and Modern Society

Two courses selected from the following options:

ANT 21000	Native North American Indians
CSP 35000	History of Traditional Chinese Civilization
CSP 35100	History of Modern Chinese Civilization
PHL 31800	Asian Philosophy
REL 21000	Old Testament
REL 21100	New Testament
REL 22200	Amusements and American Religion
REL 23000	Introduction to Asian Religions
REL 30000	Religion, Science, and Faith
REL 32000	The Christian Faith
REL 33000	Religious Upheaval in 16th Century Europe
REL 33500	Christianity, Ethics and Modern Society

GE-Communications recommendation

COM 10300	Storytelling
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## GE-Cross Cultural recommendations

ANT 21000	Native North American Indians
ANT 32400	The Anthropology of Religion
ARTH 38400	Classical Myth
COM 37600	Asian Cinema

## GE-Natural Science recommendation

ANT 13100	Biological Anthropology with Lab
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## GE-Social Science recommendations

ANT 10000	Introduction to Anthropology
ANT 11200	Cultural Anthropology
PSY 10000	Principles of Psychology
SOC 10200	Basic Concepts of Sociology

**RELIGION MINOR**

*18 credit hours*

**Requirements**

A minor in religion requires 18 credit hours of coursework.

Required courses include:

REL 15000	World Religions
REL 20100	History of Christianity
REL 32600	Faith and Reason

Three courses selected from the following options:

REL 20200	Religion in America
REL 21000	Old Testament
REL 21100	New Testament
REL 22200	Amusements and American Religion
REL 23000	Introduction to Asian Religions
REL 30000	Religion, Science, and Faith
REL 30500	The Psychology of Religion
REL 31000	Islam and the West
REL 31800	Asian Myth and Religion
REL 32000	The Christian Faith
REL 33000	Religious Upheaval in 16th Century Europe
REL 33500	Christianity, Ethics and Modern Society

**PHILOSOPHY OF RELIGION MINOR**

*21 credit hours*

The Department of Religion, in conjunction with the Department of Philosophy, offers a minor in philosophy of religion. The philosophy of religion minor requires 21 credit hours of coursework.

**Requirements**

The philosophy of religion minor requires 21 credit hours of coursework, six core hours and 15 hours of religion or philosophy courses.

Required courses include:

PHL 32500	Philosophy of Religion
REL 32600	Faith and Reason

Two or three philosophy courses selected from the following options:

*Some PHL and REL Selected Topics courses may be substituted with permission from the dean. PHL 26500 and PHL 36500 cannot both be taken to fulfill this requirement.*

PHL 31100	Ancient Philosophy
PHL 31200	Medieval Philosophy
PHL 31300	Modern Philosophy
PHL 31800	Asian Philosophy
PHL 34500	Metaphysics
PHL 35500	Epistemology
PHL 26500	Philosophy of Science
PHL 36500	Topics in Philosophy of Science

Two or three religion courses selected from these options:

REL 23000	Introduction to Asian Religions
REL 30000	Religion, Science, and Faith
REL 30500	The Psychology of Religion
REL 31000	Islam and the West
REL 31800	Asian Myth and Religion
REL 32000	The Christian Faith
REL 33500	Christianity, Ethics and Modern Society

*Some PHL/REL selected topics courses may be substituted with permission.*

## SCHOOL OF NURSING AND ALLIED HEALTH SCIENCES

### Introduction

#### ***Mission, Goals, and Values of the School of School of Nursing and Allied Health Sciences***

The mission of the School of Nursing and Allied Health Sciences (SONAHS) is congruent with the mission of Lindenwood University. The school offers values-centered programs that aim to develop the whole student and encourage the student to become a responsible member of the community at large. The mission of the School of Nursing and Allied Health Sciences is also to provide innovative, quality education in nursing and health-related disciplines that incorporate professional standards and scientific findings.

The goals of the SONAHS are to

- Cultivate health professionals who are dedicated to excellence, leadership, and lifelong learning through innovative baccalaureate and graduate programs
- Promote interdisciplinary professional collaboration through academic and community partnerships to improve health outcomes in our metropolitan region and beyond.

The school's core values are

1. Science - Providing the student with a scientific, evidence-based foundation for clinical reasoning and clinical judgment.
2. Open attitudes - Encouraging the student to be open-minded and flexible to the beliefs, values, and needs of diverse populations.
3. Nurturing - Nurturing students through the educational process and inspiring the student to practice in an empathetic, compassionate, and caring manner.
4. Advocating - Advocating for the individual, families, communities, and populations within the health care system and for the profession.
5. Health - Cultivating a concern for the promotion, maintenance and restoration of health for individuals, families, communities, and populations.

### **Degrees offered**

The School of Nursing and Allied Health Sciences offers the following Bachelor of Science degrees:

- Allied Health Leadership
- Nursing (RN to BSN)
- Public Health

### **Allied Health Leadership Program**

*Dr. Jennifer Taylor, RN, Director*

The allied health leadership program is designed to meet the needs of allied health professionals who want to advance their educational preparation to a Bachelor of Science degree. The program is intended for students who have completed or are completing an associate of science or applied science in an allied health discipline who want to pursue leadership opportunities in their respective allied health fields. The curriculum builds on the professional knowledge and skills gained through the associate degree to develop professional healthcare practice and leadership expertise. The curriculum delivers a broad understanding of the healthcare environment and emphasizes the role of the healthcare professional in delivering high quality care aimed at optimal patient outcomes.

The undergraduate allied health leadership program will prepare allied health professionals to

- Evaluate the provision of health care through synthesis of prior learning and environmental influences on patient outcomes.
- Utilize evidence-based practice to promote health, prevent disease, and manage illness for individuals, families, communities, and populations.
- Interpret the influences of patient safety, health policy, and finance on or within healthcare delivery systems.
- Demonstrate leadership, management, and communication skills in decision making, delegation, and interdisciplinary collaboration to provide safe, coordinated, high quality care.
- Demonstrate a commitment to lifelong learning and professional development.

### **ALLIED HEALTH LEADERSHIP BS**

*71 credit hours*

#### **Requirements**

Lindenwood University acknowledges the value of previous allied health education in creating a well-rounded allied health professional. Of the 71 allied health sciences credits required for the degree, 35 credits are awarded in transfer from the associate's degree in allied health. The Bachelor of Science in Allied Health Leadership requires the following courses in addition to the general education requirements for a Bachelor of Science degree.

**Core Courses**

AHS 32000	Allied Health Professionalism in a Transforming Healthcare System
AHS 34000	Health Care Law and Ethics
AHS 44000	Healthcare Supervision and Management
AHS 46000	Healthcare Leadership and Organizational Behavior (6)
AHS 48000	Allied Health Capstone
NUR 33000	Research and Evidence Based Practice
NUR 35000	Healthcare Policy and Finance
NUR 37000	Patient Safety and Quality
NUR 37500	Introduction to Health Informatics

**General Education Requirements for AHL**

Students pursuing the Bachelor of Science in Allied Health Leadership must complete the following five general education requirements:

BSC 22700	Human Anatomy and Physiology I
BSC 22800	Human Anatomy and Physiology II
MTH 14100	Basic Statistics
PSY 10000	Principles of Psychology
SOC 10200	Basic Concepts of Sociology

**Elective Courses**

Students must complete six credit hours of elective coursework selected from among the following options:

AHS 38400	Health Literacy and Patient Education
AHS 38600	Complementary and Alternative Medicine
NUR 37900	Nursing Genomics
NUR 38200	Epidemiology
NUR 38300	Population-Based Maternal and Child Health

**Nursing Program**

*Dr. Jennifer Taylor, RN, Director*

The baccalaureate nursing degree program is intended for nursing professionals who are currently licensed registered nurses with an earned associate degree or diploma in nursing. The student is provided with educational and clinical experiences integrating professional nursing concepts with an emphasis on providing application to professional nursing practice in a changing health care environment. Students have the opportunity to choose electives based on their areas of interest and professional nursing identity development.

A post-licensure baccalaureate nursing degree provides students an opportunity to expand professional nursing skills and knowledge to realize professional career growth potential. Coursework is presented through a conceptual lens to build on students' prior nursing knowledge and

experience in the health care environment. The courses within the program encompass the essential elements of baccalaureate nursing education standards such as well as concepts based on the Institute of Medicine (IOM) Report, the quality and Safety Education for Nurses (QSEN) Project and the Patient Protection and Affordable Care Act (ACA). These concepts include evidence-based nursing practice, health informatics, quality care and patient safety, interdisciplinary health care collaboration, and patient-centered care delivery. In addition, population health, health care policy, nursing leadership skills, and nursing professionalism are emphasized.

The undergraduate nursing program will prepare nurses to

- Evaluate the provision of health care through synthesis of prior learning and environmental influences on patient outcomes.
- Integrate evidence-based practice into the provision of care in a variety of settings.
- Utilize the nursing process to promote health, prevent disease, and manage illness for individuals, families, communities, and populations.
- Interpret the influences of patient safety, health policy, and finance on or within healthcare delivery systems.
- Demonstrate leadership, management, and communication skills in decision making, delegation, and interdisciplinary collaboration to provide safe, coordinated, high quality care.
- Demonstrate a commitment to lifelong learning and professional development.

**NURSING BSN****POST LICENSURE (RN TO BSN)**

*71 credit hours*

**Requirements**

Lindenwood University acknowledges the value of previous nursing education and awards 35 of the 71 nursing credits in transfer from the basic nursing degree or diploma program. The Bachelor of Science in Nursing (post-licensure RN to BSN) requires the completion of nine required courses and two elective courses in the School of Nursing and Allied Health in addition to the general education requirements for a Bachelor of Science degree.

**Required Nursing Coursework:**

NUR 31000	Professional Nursing
NUR 33000	Research and Evidence Based Practice
NUR 35000	Healthcare Policy and Finance
NUR 37000	Patient Safety and Quality
NUR 37500	Introduction to Health Informatics

NUR 41000	Holistic Health Assessment
NUR 43000	Leadership and Management
NUR 45000	Community Health and Health Promotion
NUR 47000	Nursing Capstone

**Elective Nursing Coursework:**

Students must complete six credit hours of elective coursework based on their areas of clinical practice or leadership, selected from among the following options:

NUR 37900	Nursing Genomics
NUR 38000	Nursing in Emergent Situations
NUR 38200	Epidemiology
NUR 38300	Population-Based Maternal and Child Health
AHS 38400	Health Literacy and Patient Education
AHS 38600	Complementary and Alternative Medicine
AHS 44000	Healthcare Supervision and Management
AHS 46000	Healthcare Leadership and Organizational Behavior (6)

*Additional nursing elective courses under development.*

**Public Health Program**

*Deborah Kiel, RN, Director*

The Bachelor of Science in Public Health prepares students for positions in health promotion and disease prevention at the local, state, national, or international level. Students are able to work with entire communities or subsets of groups within larger communities, known as aggregates, to improve health and reduce risk of disease.

**PUBLIC HEALTH BS**

*78-105 credit hours in major*

All students seeking a Bachelor of Science in Public Health will complete 30 hours of core coursework. Students will then select one of three emphasis areas in which to specialize: cell science and biology; communities and aggregates; or policy, systems, and administration. The requirements for each of the three emphasis areas are described below the core requirements.

**Core Requirements**

*30 credit hours*

**Core Courses**

Students seeking a Bachelor of Science in Public Health must complete the following 24 credit hours of core coursework and six credit hours of capstone seminar project coursework:

PHS 20000	Foundations of Public Health
PHS 22000	Public Health and Social Justice

PHS 24000	Global Health
PHS 30000	Social Determinants of Health
PHS 32000	Health Disparities
PHS 34000	Health Policy
PHS 36000	Introduction to Epidemiology
PHS 38000	Evidence-Based Practice in Public Health
	Or
PHS 38300	Research Methods in Public Health
	Capstone

The capstone seminar and project requirement includes two, three-credit-hour courses that will be taken consecutively over the fall and spring semesters of the student's final year of coursework.

PHS 48000	Capstone Seminar & Project I
PHS 48200	Capstone Seminar & Project II

**Cell Science and Biology Emphasis**

*71 credit hours (minimum)*

**Required Emphasis Area Courses**

Students seeking an emphasis in cell science and biology must complete the following 65 credit hours of emphasis area coursework:

BSC 22700	Human Anatomy and Physiology I
BSC 22800	Human Anatomy and Physiology II
BSC 24000	Introduction to Biological Diversity
BSC 24400	Introduction to Cellular and Molecular Biology
BSC 24800	Introduction to Ecology and Evolution
BSC 40400	Cell Biology
BSC 40800	Genetics
BSC 46400	Evolution
CHM 23000	General Chemistry 1
CHM 23100	General Chemistry 2
CHM 24100	General Chemistry 2 Laboratory
CHM 23200	General Chemistry 3
CHM 24200	General Chemistry 3 Laboratory
CHM 36100	Organic Chemistry I
CHM 36200	Organic Chemistry II
MTH 17300	Survey of Calculus
MTH 24100	Statistics for Natural Science
PHY 25100	Introductory Physics I
PHY 25200	Introductory Physics II

*Notes: (1) This emphasis area requires a minor in biology. Students may additionally opt to complete the four credit hour CHM 35500 Analytic Chemistry, which would result in a double minor in both biological sciences and chemistry. This would bring the total number of emphasis area credit hours to 69.*

(2) The following emphasis area courses may be used to fulfill general education requirements: MTH 17300, MTH 24100, BSC 24400, CHM 23000, CHM 23100, and CHM 24100.

### Emphasis Area Elective Courses

In addition to the required emphasis area courses, students must also complete six credit hours of elective coursework, selected from among the following options:

EXS 21000	Nutrition & Metabolism
EXS 23000	Assessment of Nutritional Status
EXS 24000	Nutrition throughout the Lifecycle
NUR 37500	Introduction to Health Informatics
NUR 38300	Population-Based Maternal and Child Health
PHS 33000	Eliminating Health Disparities
PHS 35300	Health Communication
PHS 35500	Introduction to Health Literacy
PHS 37000	Health Promotion
PHS 37500	Lifecourse Perspective on Health
PHS 37600	Advanced Epidemiology
PHS 37700	Advancing Health Literacy in Diverse Populations
PHS 37900	Emergency Preparedness in Public Health
PHS 38100	Health Behavior Change
PHS 38200	Biostatistics for the Health Sciences
PHS 38400	Environmental Health
PHS 38500	Biological Basis of Public Health
PHS 38600	Infectious and Communicable Disease Prevention
PHS 38700	Chronic Disease Prevention
PHS 38800	Money, Politics and Health Advocacy
SW 27000	Human Behavior in the Social Environment I
SW 28500	Human Behavior in the Social Environment II

### Communities and Aggregates Emphasis

48 credit hours

#### Required Emphasis Area Courses

Students seeking an emphasis in communities and aggregates must complete the following 30 credit hours of emphasis area coursework:

PHS 31000	Introduction to the U.S. Health Care System
PHS 31500	Introduction to Community Structure & Organization
PHS 33000	Eliminating Health Disparities
PHS 35000	Historical Context of Public Health Disease Prevention & Health Promotion
PHS 35300	Health Communication
PHS 35500	Introduction to Health Literacy
PHS 37000	Health Promotion

PHS 41000	Population Health Assessment & Diagnosis
PHS 43000	Program Planning for Health Promotion and Prevention
PHS 45000	Program Evaluation in Public Health

### Emphasis Area Elective Courses

In addition to the required emphasis area courses, students must also complete 18 credit hours of elective coursework, selected from among the following options:

EXS 21000	Nutrition & Metabolism
EXS 23000	Assessment of Nutritional Status
EXS 24000	Nutrition throughout the Lifecycle
NUR 37500	Introduction to Health Informatics
NUR 38300	Population-Based Maternal and Child Health
PHS 37500	Lifecourse Perspective on Health
PHS 37600	Advanced Epidemiology
PHS 37700	Advancing Health Literacy in Diverse Populations
PHS 37900	Emergency Preparedness in Public Health
PHS 38100	Health Behavior Change
PHS 38200	Biostatistics for the Health Sciences
PHS 38400	Environmental Health
PHS 38500	Biological Basis of Public Health
PHS 38600	Infectious and Communicable Disease Prevention
PHS 38700	Chronic Disease Prevention
PHS 38800	Money, Politics and Health Advocacy
SW 27000	Human Behavior in the Social Environment I
SW 28500	Human Behavior in the Social Environment II

### Policy, Systems, and Administration Emphasis

48 credit hours

#### Required Emphasis Area Courses

Students seeking an emphasis in policy, systems, and administration must complete the following 30 credit hours of emphasis area coursework:

ECON 23030	Principles of Macroeconomics
PHS 31000	Introduction to the U.S. Health Care System
PHS 32600	Health Care Economics
PHS 34600	Public Health Administration, Planning and Finance
PHS 42000	Global Health Supply, Organization & Finance
PHS 43000	Program Planning for Health Promotion and Prevention
PHS 44000	Comparative Health Systems
PHS 45000	Program Evaluation in Public Health
PS 32000	Public Finance



PS 33500 Public Administration

*Note that in place of either PHS 42000 or PHS 44000, students may opt to complete an alternative public health elective course.*

PHS 38300

Health  
Or  
Research Methods in Public Health

**Emphasis Area Elective Courses**

In addition to the required emphasis area courses, students must also complete 18 credit hours of elective coursework, selected from among the following options:

EXS 21000	Nutrition & Metabolism
EXS 23000	Assessment of Nutritional Status
EXS 24000	Nutrition throughout the Lifecycle
NUR 37500	Introduction to Health Informatics
NUR 38300	Population-Based Maternal and Child Health
PHS 33000	Eliminating Health Disparities
PHS 35300	Health Communication
PHS 35500	Introduction to Health Literacy
PHS 37000	Health Promotion
PHS 37500	Lifecourse Perspective on Health
PHS 37600	Advanced Epidemiology
PHS 37700	Advancing Health Literacy in Diverse Populations
PHS 37900	Emergency Preparedness in Public Health
PHS 38100	Health Behavior Change
PHS 38200	Biostatistics for the Health Sciences
PHS 38400	Environmental Health
PHS 38500	Biological Basis of Public Health
PHS 38600	Infectious and Communicable Disease Prevention
PHS 38700	Chronic Disease Prevention
PHS 38800	Money, Politics and Health Advocacy
SW 27000	Human Behavior in the Social Environment I
SW 28500	Human Behavior in the Social Environment II

**PUBLIC HEALTH MINOR**

*24 credit hours*

**Requirements**

Students may declare a minor in public health by completing the 24 credit hours of core coursework from the public health degree program.

PHS 20000	Foundations of Public Health
PHS 22000	Public Health and Social Justice
PHS 24000	Global Health
PHS 30000	Social Determinants of Health
PHS 32000	Health Disparities
PHS 34000	Health Policy
PHS 36000	Introduction to Epidemiology
PHS 38000	Evidence-Based Practice in Public

## SCHOOL OF SCIENCES

### Anthropology/Sociology Department

*Dr. Steve J. Dasovich, Chair*

The Department of Anthropology/Sociology offers degrees in both anthropology and sociology. The department offers a Bachelor of Arts in Anthropology with two different emphases: cultural anthropology and archaeology, of which students must choose one. The department also offers a Bachelor of Arts in Sociology and a minor in anthropology.

A degree in anthropology will provide students with the skills necessary to find a job in archaeology or to continue their studies in graduate school. Anthropology majors will gain a broad, global perspective on both the past and the present. The courses within this program prepare students for a broad range of careers in archaeology, cultural resource management, and/or anthropology, in such diverse job settings as the academic world, cultural and historical institutions, museums, consulting engineering/environmental companies, international studies, parks and forestry services, multinational corporations, local, state, tribal, and federal government, law, international journalism, international economic development, humanitarian services, teaching, or consulting.

### ANTHROPOLOGY BA

#### Requirements

*52 or 58 credit hours*

Required core courses for the Bachelor of Arts in Anthropology are as follows:

28 credit hours

ANT 11200	Cultural Anthropology
ANT 13100	Biological Anthropology with Lab
ANT 20600	Introduction to Social and Cultural Research Methods
ANT 21000	Native North American Indians
ANT 22500	Introduction to Archaeology
ANT 42000/SOC 42000	Sociocultural Theory
ANT 46000	Anthropological Capstone: Careers in Anthropology
MTH 14100	Basic Statistics
SOC 10200	Basic Concepts of Sociology

*Students must select either the cultural anthropology emphasis or archaeology emphasis.*

### Cultural Anthropology Emphasis

*24 credit hours*

The Bachelor of Arts in Anthropology with an emphasis in cultural anthropology requires the following courses in addition to the core courses:

ANT 30600	Ethnographic Field School
ANT 31800	Race, Ethnicity, and Gender: A Global Perspective
ANT 32400	The Anthropology of Religion
ANT 32700	Environmental Anthropology

Plus 9 credit hours selected from the following courses:

ANT 30800	Archaeological Field School
ANT 31700	Social and Cultural Change
ANT 40500	Historical Archaeology
ANT 45000	Internship in Anthropology
ART 23400	Fibers I
ART 24000	Ceramics I
PHL 17000	Philosophy of Human Nature: Mind, Soul and Body
PSY 30400	Basic Research Methods
PSY 30600	Behavioral Science Statistics
REL 23000	Introduction to Asian Religions
REL 31800	Asian Myth and Religion
SOC 21400	The Family
SOC 24000	The Sociology of Gender Roles
SOC 32100	Urban Sociology
SOC 32400	Social Interaction in Everyday Life

### Archaeology Emphasis

*30 credit hours*

The Bachelor of Arts in Anthropology with an emphasis in archaeology requires the following courses in addition to the core courses:

ANT 30800	Archaeological Field School
ANT 35000	Introduction to Cultural Resource Management
ANT 40500	Historical Archaeology
ESC 20000	Introduction to Geographic Information Systems

Plus 9 credit hours selected from the methodology focus area courses below:

ANT 32700	Environmental Anthropology
ANT 33700	Anthropology of Migration
ANT 45000	Internship in Anthropology
ART 18100	Analog Photography I
ART 18101	Digital Photography I
ART 23400	Fibers I
ART 24000	Ceramics I

HIS 20300 Historical Methods  
 MTH 24100 Statistics for Natural Science  
 Plus 6 credit hours selected from the research focus area courses below:

ANT 31800 Race, Ethnicity, and Gender: A  
 Global Perspective  
 ARTH 35700 Ancient Art  
 AST 20200 Public History  
 HIS 22300 The Ancient and Medieval World  
 HIS 30800 The Origins of the United States to  
 1800  
 SOC 24000 The Sociology of Gender Roles

### **ANTHROPOLOGY MINOR**

*18 credit hours*

#### **Requirements**

The minor in anthropology requires 18 credit hours selected from the following courses:

ANT 11200 Cultural Anthropology  
 ANT 20600 Introduction to Social and Cultural  
 Research Methods  
 ANT 21000 Native North American Indians  
 ANT 22500 Introduction to Archaeology  
 ANT 30600 Ethnographic Field School  
 ANT 30800 Archaeological Field School  
 ANT 31700 Social and Cultural Change  
 ANT 31800 Race, Ethnicity, and Gender: A  
 Global Perspective  
 ANT 35000 Introduction to Cultural Resource  
 Management  
 ANT 40500 Historical Archaeology  
 ANT  
 42000/SOC  
 42000 Sociocultural Theory  
 ANT 45000 Internship in Anthropology  
 SOC 31800 Race, Ethnicity, and Gender: A  
 Global Perspective  
 SOC  
 42000/ANT  
 42000 Sociocultural Theory

### **ANCIENT WORLD CULTURES MINOR**

*19 credit hours*

The interdisciplinary minor in Ancient World Cultures is designed to make the study of such cultures available to students in a programmatic way, but without the requirement of learning Latin and Greek. Students can learn about the history, literature, art, and culture of antiquity. This minor is a good complement in particular to majors in Anthropology, Art History, English, History, Philosophy and Theology, but is available to all students regardless of major.

#### **Requirements**

Two required courses:

ANT 22500 Introduction to Archaeology  
 ARTH 22200 History of Western Art to 1300

Four courses selected from the following:

ANT 11200 Cultural Anthropology  
 ARTH 22600 History of Non-Western Art  
 ARTH 35700 Ancient Art  
 ARTH 35800 Medieval Art  
 ARTH 36401- Topics in Non-Western Art  
 36499  
 ARTH 38400 Classical Myth  
 ENGL 25600 Survey of Greek Literature  
 HIS 22300 The Ancient and Medieval World  
 PHL 31100 Ancient Philosophy

*Some selected Special Topics courses may be substituted with permission.*

### **SOCIOLOGY BA**

*46 credit hours*

The Bachelor of Arts in Sociology provides students with a broad global perspective for understanding society and its relationship to individual and group behavior. The courses within this degree program will help prepare students for a broad range of careers in law, government service, business, counseling, journalism, social services, urban policy development, teaching, international relations, consulting, and statistical survey research.

#### **Requirements**

The Bachelor of Arts in Sociology requires the following courses:

ANT 11200 Cultural Anthropology  
 SOC 10200 Basic Concepts of Sociology  
 SOC 20600 Introduction to Social and Cultural  
 Research Methods  
 SOC  
 42000/ANT  
 42000 Sociocultural Theory  
 MTH 14100 Basic Statistics  
 PSY 10000 Principles of Psychology  
 PSY 30400 Basic Research Methods  
 PSY 30600 Behavioral Science Statistics

Plus 21 credit hours of SOC and ANT elective courses, selected from the following options:

ANT 13100 Biological Anthropology with Lab  
 ANT 21000 Native North American Indians  
 ANT 31700 Social and Cultural Change  
 SOC 21400 The Family  
 SOC 22200 Social Problems  
 SOC 24000 The Sociology of Gender Roles

SOC 31500	Alcohol, Drugs, and Society
SOC 31800	Race, Ethnicity, and Gender: A Global Perspective
SOC 32100	Urban Sociology
SOC 32200	Social Deviance
SOC 32400	Social Interaction in Everyday Life
SOC 40000	Field Study
SOC 45000	Internship in Sociology
SOC 48900	Honors Project

## SOCIOLOGY MINOR

*18 credit hours*

### Requirements

The minor in sociology requires a total of 18 credit hours. Students must take the following course:

SOC 10200 Basic Concepts of Sociology

Plus 15 additional credit hours of coursework, selected from the following options:

SOC 20600	Introduction to Social and Cultural Research Methods
SOC 21400	The Family
SOC 22200	Social Problems
SOC 24000	The Sociology of Gender Roles
SOC 31500	Alcohol, Drugs, and Society
SOC 31800	Race, Ethnicity, and Gender: A Global Perspective
SOC 32100	Urban Sociology
SOC 32200	Social Deviance
SOC 32400	Social Interaction in Everyday Life
SOC 40000	Field Study
SOC	Sociocultural Theory
42000/ANT 42000	
SOC 45000	Internship in Sociology
SOC 48900	Honors Project
ANT 11200	Cultural Anthropology

## Biological Sciences Department

*Dr. Chad Welsh, Division Chair*

The Department of Biological Sciences offers several different degrees to prepare students for a variety of interesting and fulfilling career opportunities. Many students who elect to major in the biological sciences are interested in pursuing careers in healthcare, such as physician, dentist, physicians' assistant, clinical laboratory scientist, and many others. For these students, the Bachelor of Science in Biological Sciences is the best degree choice. It is also the best preparation for students who plan to pursue graduate studies in biology and related fields.

Students who plan to enter the workforce immediately after earning a bachelor's degree often pursue the Bachelor

of Arts in Biological Sciences. These graduates find employment in testing and research labs in a variety of industry and academic settings. For students interested in the biology of the natural world, the Bachelor of Arts in Environmental Biology is an excellent choice. This degree program prepares students for careers in natural resource management, environmental protection, and habitat restoration.

Many students choose a biological sciences major because they plan to teach at the high school level. For those students, the Department of Biological Sciences offers two different curricula. The Bachelor of Arts in Biological Sciences with certification in secondary education prepares students to teach high school biology, while the Bachelor of Arts in Biological Sciences with unified science certification prepares students to teach both biology and chemistry at the high school level.

A minor in biological sciences is also offered.

*Note: Beginning in the 2014/2015 academic year the name of this department changed from the Department of Biology to the Department of Biological Sciences and the department prefix changed from BIO to BSC.*

## BIOLOGICAL SCIENCES BA

*64 credit hours*

### Requirements

The Bachelor of Arts in Biological Sciences requires the following courses:

BSC 24000	Introduction to Biological Diversity
BSC 24400	Introduction to Cellular and Molecular Biology
BSC 24800	Introduction to Ecology and Evolution
BSC 28500	Methods and Writing for Biology
BSC 32000	Plant Biology
BSC 32400	Animal Biology
BSC 40400	Cell Biology
BSC 40800	Genetics
BSC 46400	Evolution
BSC 46500	General Ecology
BSC 48500	Biology Seminar
BSC 48600	Senior Synthesis
CHM 23000	General Chemistry 1
CHM 23100	General Chemistry 2
CHM 23200	General Chemistry 3
CHM 24100	General Chemistry 2 Laboratory
CHM 24200	General Chemistry 3 Laboratory
MTH 15100	College Algebra
MTH 15200	Pre-calculus: Elementary Functions
MTH 24100	Statistics for Natural Science

Plus 6 credit hours of biological sciences electives, selected from the following courses:

BSC 22700	Human Anatomy and Physiology I
BSC 22800	Human Anatomy and Physiology II
BSC 23000	Microbiology for Health Sciences
BSC 26300	Environmental Policy
BSC 28000	Introduction to Clinical Laboratory Science
BSC 32900	Human Physiology
BSC 33000	Comparative Vertebrate Anatomy and Physiology
BSC 34300	Invertebrate Zoology
BSC 34500	Identification and Taxonomy of the Local Flora
BSC 35100	Field Studies in Taxonomy
BSC 35300	Microbiology
BSC 35800	Parasitology
BSC 36200	Advanced Environmental Biology
BSC 36600	Field Biology
BSC 37000	Wetlands Ecology
BSC 38500/CHM 38500	Medicinal Chemistry
BSC 40000	Field Research
BSC 41300	Immunology
BSC 41700	Molecular Biology
BSC 42200/CHM 42200	Biochemistry: Metabolism
BSC 42600	Developmental Biology
BSC 48000	Independent Research

## BIOLOGICAL SCIENCES BA

### SECONDARY EDUCATION CERTIFICATION

*112 credit hours*

#### Requirements

The Bachelor of Arts in Biological Sciences with secondary education certification requires the following courses:

BSC 22700	Human Anatomy and Physiology I
BSC 22800	Human Anatomy and Physiology II
BSC 24000	Introduction to Biological Diversity
BSC 24400	Introduction to Cellular and Molecular Biology
BSC 24800	Introduction to Ecology and Evolution
BSC 28500	Methods and Writing for Biology
BSC 32000	Plant Biology
BSC 32400	Animal Biology
BSC 40400	Cell Biology
BSC 40800	Genetics
BSC 46400	Evolution

BSC 46500	General Ecology
BSC 48500	Biology Seminar
BSC 48600	Senior Synthesis
CHM 23000	General Chemistry 1
CHM 23100	General Chemistry 2
CHM 23200	General Chemistry 3
CHM 24100	General Chemistry 2 Laboratory
CHM 24200	General Chemistry 3 Laboratory
MTH 15100	College Algebra
MTH 15200	Pre-calculus: Elementary Functions
MTH 24100	Statistics for Natural Science
PHY 25100	Introductory Physics I
PHL 26500	Philosophy of Science
	OR
SCI 21200	History of Science
EDU 10000	Orientation to Educational Experiences
EDU 20200	Psychology of Teaching and Learning
EDU 21501	Teacher Education Seminar I
EDU 30700	Teaching Reading in the Content Areas
EDU 32100	Middle/High School Classroom Teaching and Technology
EDU 33000	Secondary Methods of Teaching Science
EDU 34100	Education of the Exceptional Child
EDU 34300	Middle/High School Differentiation and Classroom Management
EDU 38000	Pre-Student Teaching Practicum
EDU 40400	Advanced Measurement and Evaluation to Enhance Learning
EDU 41000	Student Teaching

## BIOLOGICAL SCIENCES BA

### SECONDARY EDUCATION CERTIFICATION WITH UNIFIED SCIENCE

*124 credit hours*

In conjunction with the School of Education, a biology degree with a unified science certification is offered for those students who desire more flexibility in their secondary science education career.

#### Requirements

The Bachelor of Arts in Biological Sciences with unified science certification requires the following courses:

BSC 22700	Human Anatomy and Physiology I
BSC 22800	Human Anatomy and Physiology II
BSC 24000	Introduction to Biological Diversity
BSC 24400	Introduction to Cellular and Molecular Biology

BSC 24800	Introduction to Ecology and Evolution
BSC 28500	Methods and Writing for Biology
BSC 32000	Plant Biology
BSC 40400	Cell Biology
BSC 40800	Genetics
BSC 46400	Evolution
BSC 46500	General Ecology
BSC 48500	Biology Seminar
BSC 48600	Senior Synthesis
CHM 23000	General Chemistry 1
CHM 23100	General Chemistry 2
CHM 23200	General Chemistry 3
CHM 24100	General Chemistry 2 Laboratory
CHM 24200	General Chemistry 3 Laboratory
ESC 10000	Physical Geology with Lab
ESC 11000	Introductory Meteorology
ESC 11100	Meteorology Lab
MTH 15100	College Algebra
MTH 15200	Pre-calculus: Elementary Functions
MTH 24100	Statistics for Natural Science
PHY 25100	Introductory Physics I
PHY 25200	Introductory Physics II
PHL 26500	Philosophy of Science
	OR
SCI 21200	History of Science
EDU 10000	Orientation to Educational Experiences
EDU 20200	Psychology of Teaching and Learning
EDU 21501	Teacher Education Seminar I
EDU 30700	Teaching Reading in the Content Areas
EDU 32100	Middle/High School Classroom Teaching and Technology
EDU 33000	Secondary Methods of Teaching Science
EDU 34100	Education of the Exceptional Child
EDU 34300	Middle/High School Differentiation and Classroom Management
EDU 38000	Pre-Student Teaching Practicum
EDU 40400	Advanced Measurement and Evaluation to Enhance Learning
EDU 41000	Student Teaching

## BIOLOGICAL SCIENCES BS

*76-78 credit hours*

### Requirements

The Bachelor of Science in Biological Sciences requires the following courses:

BSC 24000	Introduction to Biological Diversity
BSC 24400	Introduction to Cellular and Molecular Biology
BSC 24800	Introduction to Ecology and Evolution
BSC 28500	Methods and Writing for Biology
BSC 32000	Plant Biology
BSC 32400	Animal Biology
BSC 40400	Cell Biology
BSC 40800	Genetics
BSC 46400	Evolution
BSC 46500	General Ecology
BSC 48500	Biology Seminar
BSC 48600	Senior Synthesis
CHM 23000	General Chemistry 1
CHM 23100	General Chemistry 2
CHM 23200	General Chemistry 3
CHM 24100	General Chemistry 2 Laboratory
CHM 24200	General Chemistry 3 Laboratory
CHM 36100	Organic Chemistry I
CHM 36200	Organic Chemistry II
MTH 24100	Statistics for Natural Science

Students must also select one of the following combinations of courses:

Combination 1:

MTH 27100	Calculus I
MTH 27200	Calculus II

Combination 2:

MTH 17300	Survey of Calculus
PHY 25100	Introductory Physics I
PHY 25200	Introductory Physics II

Plus 6 credit hours of biological sciences electives, selected from the following options:

BSC 22700	Human Anatomy and Physiology I
BSC 22800	Human Anatomy and Physiology II
BSC 23000	Microbiology for Health Sciences
BSC 26300	Environmental Policy
BSC 28000	Introduction to Clinical Laboratory Science
BSC 32900	Human Physiology
BSC 33000	Comparative Vertebrate Anatomy and Physiology
BSC 34300	Invertebrate Zoology
BSC 34500	Identification and Taxonomy of the Local Flora

BSC 35100	Field Studies in Taxonomy
BSC 35300	Microbiology
BSC 35800	Parasitology
BSC 36200	Advanced Environmental Biology
BSC 36600	Field Biology
BSC 37000	Wetlands Ecology
BSC 38500/CHM 38500	Medicinal Chemistry
BSC 40000	Field Research
BSC 41300	Immunology
BSC 41700	Molecular Biology
BSC 42200/CHM 42200	Biochemistry: Metabolism
BSC 42600	Developmental Biology
BSC 48000	Independent Research

**BIOLOGICAL SCIENCES BS****EMPHASIS IN CELLULAR AND MOLECULAR BIOLOGY***63-65 credit hours***Requirements**

The Bachelor of Science in Biological Sciences with emphasis in Cellular and Molecular Biology requires completion of the following core courses:

BSC 24000	Introduction to Biological Diversity
BSC 24400	Introduction to Cellular and Molecular Biology
BSC 24800	Introduction to Ecology and Evolution
BSC 28500	Methods and Writing for Biology
BSC 40400	Cell Biology
BSC 40800	Genetics
BSC 48500	Biology Seminar
BSC 48600	Senior Synthesis
CHM 23000	General Chemistry 1
CHM 23100	General Chemistry 2
CHM 23200	General Chemistry 3
CHM 24100	General Chemistry 2 Laboratory
CHM 24200	General Chemistry 3 Laboratory
CHM 36100	Organic Chemistry I
CHM 36200	Organic Chemistry II
MTH 24100	Statistics for Natural Science

Students also select one of the following sets of courses:

MTH 17300	Survey of Calculus
PHY 25100	Introductory Physics I
PHY 25200	Introductory Physics II
	or
MTH 27100	Calculus I
MTH 27200	Calculus II

Plus a minimum of 8 credit hours of elective selected from the following:

BSC 28000	Introduction to Clinical Laboratory Science
BSC 35300	Microbiology
BSC 35800	Parasitology
BSC 38500/CHM 38500	Medicinal Chemistry
BSC 41300	Immunology
BSC 41700	Molecular Biology
BSC 42200/CHM 42200	Biochemistry: Metabolism
BSC 42600	Developmental Biology
BSC 48000	Independent Research

**BIOLOGICAL SCIENCES BS****EMPHASIS IN ECOLOGY & EVOLUTION***62-64 credit hours***Requirements**

The Bachelor of Science in Biological Sciences with emphasis in Ecology and Evolution requires completion of the following core courses:

BSC 24000	Introduction to Biological Diversity
BSC 24400	Introduction to Cellular and Molecular Biology
BSC 24800	Introduction to Ecology and Evolution
BSC 46400	General Ecology
BSC 46500	Biology Seminar
BSC 48500	Senior Synthesis
CHM 23000	General Chemistry 1
CHM 23100	General Chemistry 2
CHM 23200	General Chemistry 3
CHM 24100	General Chemistry 2 Laboratory
CHM 24200	General Chemistry 3 Laboratory
CHM 36100	Organic Chemistry I
CHM 36200	Organic Chemistry II
MTH 24100	Statistics for Natural Science

Students also select one of the following sets of courses:

MTH 17300	Survey of Calculus
PHY 25100	Introductory Physics I
PHY 25200	Introductory Physics II
	Or
MTH 27100	Calculus I
MTH 27200	Calculus II

Plus a minimum of 9 credit hours of electives selected from the following:

BSC 32000	Plant Biology
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BSC 32400	Animal Biology
BSC 33000	Comparative Vertebrate Anatomy and Physiology
BSC 33200	Plant Physiology
BSC 34300	Invertebrate Zoology
BSC 34500	Identification and Taxonomy of the Local Flora
BSC 35800	Parasitology
BSC 36200	Advanced Environmental Biology
BSC 36600	Field Biology
BSC 37000	Wetlands Ecology
BSC 40000	Field Research
BSC 48000	Independent Research

## ENVIRONMENTAL BIOLOGY BA

72 credit hours

### Requirements

The Bachelor of Arts in Environmental Biology requires the following courses:

BSC 24000	Introduction to Biological Diversity
BSC 24400	Introduction to Cellular and Molecular Biology
BSC 24800	Introduction to Ecology and Evolution
BSC 26300	Environmental Policy
BSC 28500	Methods and Writing for Biology
BSC 32000	Plant Biology
BSC 32400	Animal Biology
BSC 36200	Advanced Environmental Biology
BSC 36600	Field Biology
BSC 40800	Genetics
BSC 46400	Evolution
BSC 46500	General Ecology
BSC 48500	Biology Seminar
BSC 48600	Senior Synthesis
CHM 23000	General Chemistry 1
CHM 23100	General Chemistry 2
CHM 23200	General Chemistry 3
CHM 24100	General Chemistry 2 Laboratory
CHM 24200	General Chemistry 3 Laboratory
CHM 35500	Analytical Chemistry
	OR
CHM 36100	Organic Chemistry I
ESC 10000	Physical Geology with Lab
ESC 20000	Introduction to Geographic Information Systems
MTH 15100	College Algebra
MTH 24100	Statistics for Natural Science

## BIOLOGICAL SCIENCES MINOR

37-38 credit hours

### Requirements

The minor in biological sciences requires the following courses:

BSC 24000	Introduction to Biological Diversity
BSC 24400	Introduction to Cellular and Molecular Biology
BSC 24800	Introduction to Ecology and Evolution
BSC 40400	Cell Biology
BSC 40800	Genetics
BSC 46400	Evolution
	OR
BSC 46500	General Ecology
CHM 23000	General Chemistry 1
CHM 23100	General Chemistry 2
CHM 23200	General Chemistry 3
CHM 24100	General Chemistry 2 Laboratory
CHM 24200	General Chemistry 3 Laboratory
MTH 24100	Statistics for Natural Science

## Earth Sciences

*Dr. Chad Welsh, Division Chair*

Lindenwood University does not offer a major or minor in earth sciences. The existing curriculum in earth sciences is designed to meet or provide the following:

- Requirements for secondary science teachers when demand for science educators is at an all-time high.
- Additional flexibility in meeting the general education science requirements for all undergraduates.
- An opportunity for undergraduates who desire it to earn the unified science certification.
- New opportunities for undergraduates interested in environmental biology and environmental science.

## Natural Sciences

Natural science courses (SCI) are offered as interdisciplinary courses in the Schools of Sciences and Humanities. No major is offered.

## Pre-Chiropractic

Lindenwood University offers a 3+3 degree program in association with Logan College of Chiropractic. Essentially, students follow the Lindenwood curriculum for a Bachelor of Science in Biological Sciences. If the student is accepted into Logan College after the third year at Lindenwood, he or she will transfer to Logan for the fourth year. After completing the first year of study at Logan, the student will earn the Bachelor of Science in



Biological Sciences from Lindenwood University. Two additional years of study at Logan College are required to earn a Doctor of Chiropractic. Students who are interested in this program must work closely with an academic advisor in order to complete the curriculum requirements in the prescribed sequence. Students should also contact Logan College by the second year at Lindenwood to obtain updated information on admission and application requirements.

## Pre-Professional Studies in Health Sciences

At Lindenwood, pre-professional studies in the health sciences include pre-medicine, pre-nursing, pre-veterinary medicine, pre-dentistry, and pre-optometry programs, all of which are designed to specifically meet professional school requirements and prepare students to take mandatory entrance exams. More than ever before, health professions schools are placing value on personal characteristics, including intellectual curiosity and a sense of altruism in the selection of successful applicants. Nevertheless, performance on the entrance exams, cumulative undergraduate GPA, science and math GPA along with experience (work related or voluntary) in the desired field are still important criteria in obtaining admission into the desired health profession. Some factors which bear serious consideration by the student prior to his/her decision to enter any of the professional studies are personal motivation, realistic assessment of the demands of clinical training and practice, and working with the ill and infirm.

Students should also realize that admission into health professions schools is highly competitive. With regard to undergraduate curriculum, specific course requirements may vary among medical/veterinary/dental/optometry schools, but all schools realize the value of a broad education, with demonstrated ability in the sciences, well-developed verbal and written communication skills, and a background in the humanities and social sciences. To perform above the national norms, students should finish certain courses before appearing for the entrance exam in their chosen profession.

Students should review the coursework-related information on specific schools in the admissions requirements books that are published annually in the various disciplines by the professional associations.

## PRE-MEDICINE/PRE-DENTISTRY/PRE-OPTOMETRY/PRE-VETERINARY MEDICINE

The majority of the health professions schools expect the student to have successfully completed the following courses, preferably at a four-year college or university:

General Chemistry with lab: 2 semesters

General Biology with lab: 2 semesters

Physics: 2 semesters

Organic Chemistry: 2 semesters

English: 2 semesters

Students must also complete an entrance test (MCAT, GRE, DAT or OAT).

Many health professions schools require or strongly recommend other courses such as biochemistry, cell/molecular biology, genetics, microbiology, statistics, calculus, humanities, fine arts, and social science. Students who want to prepare themselves for admission to one of these professional programs should meet with a Biology or Chemistry advisor before planning their first semester schedule.

## PRE-NURSING

Lindenwood University maintains an articulation agreement with Barnes-Jewish College Goldfarb School of Nursing (BJCoN) in St. Louis. Students pursue a two year course of study at Lindenwood and then transfer to BJCoN for two years of work leading to the BSN degree.

### Requirements

The following courses are to be taken by Lindenwood students who intend to participate in this program:

BSC 10000	Concepts in Biology
BSC 12100	Nutrition
BSC 22700	Human Anatomy and Physiology I
BSC 22800	Human Anatomy and Physiology II
BSC 23000	Microbiology for Health Sciences
CHM 10000	Concepts in Chemistry
ENGL 15000	Strategies for University Writing
ENGL 17000	Research and Argumentation
MTH 14100	Basic Statistics
MTH 15100	College Algebra
PSY 10000	Principles of Psychology
PSY 20500	Human Development
SOC 10200	Basic Concepts of Sociology
Plus four additional courses to be selected from areas specified in the articulation agreement.	

A similar schedule of coursework will prepare students to enter other BSN programs as well. Students interested in participating in the pre-nursing program should meet with a pre-nursing advisor before planning their first semester schedule.

## Chemistry Department

*Dr. Jennifer Firestine, Chair*

The field of chemistry offers diverse opportunities for those students graduating with a major in chemistry. Degrees in chemistry prepare students for careers in industry, teaching, and graduate school programs and may be used as a pre-professional program for students wishing to apply for medical, dental, optometry, veterinary, or related programs.

Those graduates who culminate their education with a bachelor's degree will be prepared for opportunities in the chemical industry either in the laboratory, sales, or product development areas. Students looking to teach chemistry and other sciences in high schools will benefit from one of the various degree plans offering Missouri state certification in secondary education. Those students who wish to extend their education should choose to pursue one of the Bachelors of Science degrees, which are more appropriately suited for graduate work in chemistry and biochemistry. The Bachelor of Science with an emphasis in biochemistry is well-suited as a pre-health science degree, requiring a number of the chemistry, math, and biology courses required by such professional programs.

A minor in chemistry is an ideal complement for those students pursuing degrees in criminal justice, business administration, biology, or psychology. The minor also opens additional career opportunities for post-graduate careers in the fields of forensics, pharmaceutical sales, patent law, and healthcare administration.

### Typical Coursework

Majors in chemistry are required to complete significant coursework in math, chemistry, and physics as well as biology for the biochemistry emphasis. Typically, the major requires that the student participate in at least one lab course per semester with many semesters in which multiple lab courses are required. Chemistry is an exciting field that focuses on critical thinking through both qualitative and quantitative problems that are applicable to real world scenarios, ranging from energy consumption and environmental issues to pharmaceuticals and criminal investigations. Majors should enjoy both math and science courses and should be prepared to work outside of the classroom on course assignments, lab work, and reports.

The Department of Chemistry offers the following degrees:

- Bachelor of Arts in Chemistry
- Bachelor of Arts in Chemistry with emphasis in forensics
- Bachelor of Science in Chemistry
- Bachelor of Science in Chemistry with emphasis in biochemistry

In conjunction with the School of Education, the Department of Chemistry offers the following degrees for students wishing to pursue a career in secondary education:

- Bachelor of Arts in Chemistry with certification in unified science
- Bachelor of Arts in Chemistry with certification in education
- Bachelor of Science in Chemistry with certification in education

A minor in chemistry is also offered.

## CHEMISTRY BA

*51-52 credit hours*

### Requirements

The Bachelor of Arts in Chemistry requires:

CHM 23000	General Chemistry 1
CHM 23100	General Chemistry 2
CHM 23200	General Chemistry 3
CHM 24100	General Chemistry 2 Laboratory
CHM 24200	General Chemistry 3 Laboratory
CHM 35500	Analytical Chemistry
CHM 36100	Organic Chemistry I
CHM 36200	Organic Chemistry II
CHM 48500	Chemistry Seminar
MTH 24100	Statistics for Natural Science
MTH 27100	Calculus I
MTH 27200	Calculus II

One of the following:

CHM 45500	Instrumental Analysis
CHM 47100	Physical Chemistry I

Students must also select either of the following pairs of courses:

Pair 1:

PHY 25100	Introductory Physics I
PHY 25200	Introductory Physics II

Pair 2:

PHY 30100	General Physics I
PHY 30200	General Physics II

Plus three credit hours of chemistry electives, selected from among the following options:

CHM 30000	Introduction to Chemical Literature and Laboratory Safety
CHM 31100	Applications in Forensic Science
CHM 38200	Chemical Equilibria
CHM 38500/BSC 38500	Medicinal Chemistry
CHM 42100	Biochemistry: Structure and Mechanism

CHM 42200/BSC 42200	Biochemistry: Metabolism
CHM 44000	Inorganic Chemistry
CHM 47200	Physical Chemistry II
CHM 47300	Physical Chemistry Lab
CHM 47400	Chemical Dynamics
CHM 48000	Chemistry Internship
CHM 48900	Independent Research

*Note: An additional course of BSC or ESC is required to fulfill the general education science requirement.*

## CHEMISTRY BA

### EMPHASIS IN FORENSICS

80 credit hours

#### Requirements

The Bachelor of Arts in Chemistry with concentration in forensics requires:

CHM 23000	General Chemistry 1
CHM 23100	General Chemistry 2
CHM 23200	General Chemistry 3
CHM 24100	General Chemistry 2 Laboratory
CHM 24200	General Chemistry 3 Laboratory
CHM 31100	Applications in Forensic Science
CHM 35500	Analytical Chemistry
CHM 36100	Organic Chemistry I
CHM 36200	Organic Chemistry II
CHM 45500	Instrumental Analysis
CHM 48000	Chemistry Internship
CHM 48500	Chemistry Seminar
ART 18100	Analog Photography I or
ART 18101	Digital Photography I
BSC 22700	Human Anatomy and Physiology I
BSC 22800	Human Anatomy and Physiology II
BSC 24400	Introduction to Cellular and Molecular Biology
CJ 11000	Criminal Justice Systems
CJ 20000	Criminology
CJ 30100	Criminal Procedure
CJ 31000	Criminal Law
CJ 33100	Criminal Investigation
MTH 17300	Survey of Calculus
MTH 24100	Statistics for Natural Science
PHY 25100	Introductory Physics I
PHY 25200	Introductory Physics II

## CHEMISTRY BA

### SECONDARY EDUCATION CERTIFICATION

94 credit hours

#### Requirements

The chemistry course requirements for the Bachelor of Arts in Chemistry with certification in education are as follows:

CHM 23000	General Chemistry 1
CHM 23100	General Chemistry 2
CHM 23200	General Chemistry 3
CHM 24100	General Chemistry 2 Laboratory
CHM 24200	General Chemistry 3 Laboratory
CHM 35500	Analytical Chemistry
CHM 36100	Organic Chemistry I
CHM 36200	Organic Chemistry II
CHM 45500	Instrumental Analysis
CHM 48500	Chemistry Seminar
MTH 14800	Mathematical Structures for Teachers I
MTH 24100	Statistics for Natural Science
MTH 27100	Calculus I
MTH 27200	Calculus II

Students must also select either of the following pairs of courses:

Pair 1:

PHY 25100	Introductory Physics I
PHY 25200	Introductory Physics II

Pair 2:

PHY 30100	General Physics I
PHY 30200	General Physics II

Plus three credit hours of chemistry electives, selected from among the following options:

CHM 30000	Introduction to Chemical Literature and Laboratory Safety
CHM 31100	Applications in Forensic Science
CHM 38200	Chemical Equilibria
CHM 38500/BSC 38500	Medicinal Chemistry
CHM 42100	Biochemistry: Structure and Mechanism
CHM 42200/BSC 42200	Biochemistry: Metabolism
CHM 44000	Inorganic Chemistry
CHM 47200	Physical Chemistry II
CHM 47300	Physical Chemistry Lab
CHM 47400	Chemical Dynamics
CHM 48000	Chemistry Internship
CHM 48900	Independent Research

Students must take one of the following courses:

SCI 21200	History of Science
PHL 26500	Philosophy of Science
Education	
EDU 10000	Orientation to Educational Experiences
EDU 20200	Psychology of Teaching and Learning
EDU 21501	Teacher Education Seminar I
EDU 30700	Teaching Reading in the Content Areas
EDU 32100	Middle/High School Classroom Teaching and Technology
EDU 33000	Secondary Methods of Teaching Science
EDU 34100	Education of the Exceptional Child
EDU 34300	Middle/High School Differentiation and Classroom Management
EDU 38000	Pre-Student Teaching Practicum
EDU 40400	Advanced Measurement and Evaluation to Enhance Learning
EDU 41000	Student Teaching

See the School of Education regarding EDU courses.

## CHEMISTRY BA

### SECONDARY EDUCATION CERTIFICATION WITH UNIFIED SCIENCE

*112 credit hours*

#### Requirements

The chemistry course requirements for the Bachelor of Arts in Chemistry with certification in unified science are as follows:

BSC 24000	Introduction to Biological Diversity
BSC 24400	Introduction to Cellular and Molecular Biology
BSC 36200	Advanced Environmental Biology
CHM 11100	Environmental Science
CHM 23000	General Chemistry 1
CHM 23100	General Chemistry 2
CHM 23200	General Chemistry 3
CHM 24100	General Chemistry 2 Laboratory
CHM 24200	General Chemistry 3 Laboratory
CHM 35500	Analytical Chemistry
CHM 36100	Organic Chemistry I
CHM 36200	Organic Chemistry II
CHM 47100	Physical Chemistry I
CHM 48500	Chemistry Seminar
ESC 10000	Physical Geology with Lab
ESC 11000	Introductory Meteorology
MTH 24100	Statistics for Natural Science

MTH 27100	Calculus I
MTH 27200	Calculus II

One of the following:

PHL 26500	Philosophy of Science
SCI 21200	History of Science

Students must also select either:

Pair 1:

PHY 25100	Introductory Physics I
PHY 25200	Introductory Physics II

Pair 2:

PHY 30100	General Physics I
PHY 30200	General Physics II

Education

EDU 10000	Orientation to Educational Experiences
EDU 20200	Psychology of Teaching and Learning
EDU 21501	Teacher Education Seminar I
EDU 30700	Teaching Reading in the Content Areas
EDU 32100	Middle/High School Classroom Teaching and Technology
EDU 33000	Secondary Methods of Teaching Science
EDU 34100	Education of the Exceptional Child
EDU 34300	Middle/High School Differentiation and Classroom Management
EDU 38000	Pre-Student Teaching Practicum
EDU 40400	Advanced Measurement and Evaluation to Enhance Learning
EDU 41000	Student Teaching

See the School of Education regarding EDU courses.

## CHEMISTRY BS

*78 credit hours*

#### Requirements

The Bachelor of Science in Chemistry requires:

CHM 23000	General Chemistry 1
CHM 23100	General Chemistry 2
CHM 23200	General Chemistry 3
CHM 24100	General Chemistry 2 Laboratory
CHM 24200	General Chemistry 3 Laboratory
CHM 30000	Introduction to Chemical Literature and Laboratory Safety
CHM 35500	Analytical Chemistry
CHM 36100	Organic Chemistry I
CHM 36200	Organic Chemistry II
CHM 42100	Biochemistry: Structure and Mechanism

CHM 44000	Inorganic Chemistry
CHM 45500	Instrumental Analysis
CHM 47100	Physical Chemistry I
CHM 47200	Physical Chemistry II
CHM 47300	Physical Chemistry Lab
CHM 48500	Chemistry Seminar
CHM 48900	Independent Research
BSC 24400	Introduction to Cellular and Molecular Biology
MTH 24100	Statistics for Natural Science
MTH 27100	Calculus I
MTH 27200	Calculus II
MTH 30300	Calculus III
PHY 30100	General Physics I
PHY 30200	General Physics II

**CHEMISTRY BS****EMPHASIS IN BIOCHEMISTRY***73 credit hours***Requirements**

The Bachelor of Science in Chemistry with emphasis in biochemistry requires:

CHM 23000	General Chemistry 1
CHM 23100	General Chemistry 2
CHM 23200	General Chemistry 3
CHM 24100	General Chemistry 2 Laboratory
CHM 24200	General Chemistry 3 Laboratory
CHM 30000	Introduction to Chemical Literature and Laboratory Safety
CHM 35500	Analytical Chemistry
CHM 36100	Organic Chemistry I
CHM 36200	Organic Chemistry II
CHM 42100	Biochemistry: Structure and Mechanism
CHM 42200/BSC 42200	Biochemistry: Metabolism
CHM 45500	Instrumental Analysis
CHM 47100	Physical Chemistry I
CHM 48500	Chemistry Seminar
BSC 24400	Introduction to Cellular and Molecular Biology
BSC 40400	Cell Biology
MTH 24100	Statistics for Natural Science
MTH 27100	Calculus I
MTH 27200	Calculus II

One of the following:

BSC 35300	Microbiology
BSC 40800	Genetics

Students must also select either of the following pairs of courses:

Pair 1:

PHY 25100	Introductory Physics I
PHY 25200	Introductory Physics II

Pair 2:

PHY 30100	General Physics I
PHY 30200	General Physics II

**CHEMISTRY BS****SECONDARY EDUCATION CERTIFICATION***117 credit hours***Requirements**

The chemistry course requirements for the Bachelor of Science in Chemistry with certification in education include:

BSC 24400	Introduction to Cellular and Molecular Biology
CHM 23000	General Chemistry 1
CHM 23100	General Chemistry 2
CHM 23200	General Chemistry 3
CHM 24100	General Chemistry 2 Laboratory
CHM 24200	General Chemistry 3 Laboratory
CHM 30000	Introduction to Chemical Literature and Laboratory Safety
CHM 35500	Analytical Chemistry
CHM 36100	Organic Chemistry I
CHM 36200	Organic Chemistry II
CHM 42100	Biochemistry: Structure and Mechanism
CHM 44000	Inorganic Chemistry
CHM 45500	Instrumental Analysis
CHM 47100	Physical Chemistry I
CHM 47200	Physical Chemistry II
CHM 47300	Physical Chemistry Lab
CHM 48500	Chemistry Seminar
CHM 48900	Independent Research
MTH 24100	Statistics for Natural Science
MTH 27100	Calculus I
MTH 27200	Calculus II
MTH 30300	Calculus III
PHY 30100	General Physics I
PHY 30200	General Physics II
Education	
EDU 10000	Orientation to Educational Experiences
EDU 20200	Psychology of Teaching and Learning
EDU 21501	Teacher Education Seminar I
EDU 30700	Teaching Reading in the Content

	Areas
EDU 32100	Middle/High School Classroom Teaching and Technology
EDU 33000	Secondary Methods of Teaching Science
EDU 34100	Education of the Exceptional Child
EDU 34300	Middle/High School Differentiation and Classroom Management
EDU 38000	Pre-Student Teaching Practicum
EDU 40400	Advanced Measurement and Evaluation to Enhance Learning
EDU 41000	Student Teaching

See the School of Education regarding EDU courses.

## CHEMISTRY MINOR

22 credit hours

### Requirements

The minor in chemistry requires the following courses:

CHM 23000	General Chemistry 1
CHM 23100	General Chemistry 2
CHM 23200	General Chemistry 3
CHM 24100	General Chemistry 2 Laboratory
CHM 24200	General Chemistry 3 Laboratory
CHM 35500	Analytical Chemistry
CHM 36100	Organic Chemistry I

Plus 3 credit hours of CHM courses 30000 level or higher.

## Computer Science Department

*Ms. Renee Van Dyke, Chair*

Computer science and computer information systems majors can expect to work in jobs ranging from design and development of commercial systems to the development of virtual reality and computer graphic programs. The role of the computer industry has always been one of leadership in both science and commerce. From the on-line computerized navigation systems of the early moon landings to scanner-based retail inventory systems, computer science and computer information systems have provided the nation with a technological edge. Today, the industry has expanded into telecommunications, virtual reality training and entertainment, using the internet for commerce and information dissemination, robotics, exploration, as well as many other applications. The Department of Computer Science offers the following degrees:

- Bachelor of Arts in Computer Science
- Bachelor of Science in Computer Science
- Bachelor of Science in Computer Information Systems

The department also offers a minor in computer science.

The Bachelor of Science in Computer Science is intended for students seeking an in-depth knowledge of the computer and computer systems. Majors in computer science are generally concerned with the use of computers for scientific oriented methods, applied mathematical problems, and research. In addition to computer science courses, students will be required to take courses in calculus and physics. Students pursuing this degree either minor in mathematics or add mathematics as a second major.

The Bachelor of Arts in Computer Science is intended for students seeking a broader knowledge of computer systems.

Students pursuing this degree normally minor in one of the liberal arts programs or even pursue a double major with the second major in the area of liberal arts.

The Bachelor of Science in Computer Information Systems is intended for students interested in the business applications of computers and business oriented methods and issues. The student will be required to complete courses in accounting, economics, management, and organizational behavior. Students in this program should consider a minor in some aspect of business.

Students majoring in computer science may also participate in a dual degree program in engineering. See the pre-engineering section of this catalog for more information.

### Cooperative Education Program

Cooperative education credit is available to selected undergraduate students in computer science. Participation in the program is on a voluntary basis, allowing a student to earn up to nine hours of credit. This program affords the student the opportunity to integrate work experience with academic experience. The Cooperative Education Program is a partnership between the student, Lindenwood University, and the employer.

Participation in the program greatly increases a student's opportunities for employment after graduation. To be eligible for the program, the student must:

- Have completed CSC 25500 with a C or better
- Have a minimum 2.8 grade point average
- Be in good academic standing status with the University at the time of application
- Receive the recommendation of the computer science faculty

For further information, students should contact the academic advisor for this program.

**COMPUTER SCIENCE BA***57 credit hours***Requirements**

Required courses for the Bachelor of Arts in Computer Science are the following:

CSC 14400	Computer Science I
CSC 24400	Computer Science II
CSC 25500	Assembly Language Programming
CSC 30500	Principles of Database Systems
CSC 34400	GUI Application Design
CSC 36000	Data Structures and Algorithms
CSC 40300	Computer Architecture
CSC 40600	Operating Systems
CSC 43000	Senior Project
MTH 24100	Statistics for Natural Science
MTH 27100	Calculus I
MTH 27200	Calculus II
MTH 28500	Introduction to Advanced Mathematics
PHY 30100	General Physics I

One of the following:

CSC 10011	Introduction to Computer Science: Python
CSC 10022	Introduction to Computer Science: Javascript

Also required are 3 credit hours selected from among the following options:

CSC 38000	Telecommunications and Computer Networking
CSC 40500	Computer Graphics
CSC 40800	Organization of Programming Languages
CSC 44700	Project Management and Practice
CSC 45100	Cooperative Education in Computer Science I
CSC 45200	Cooperative Education in Computer Science II
CSC 45111	Internship
CSC 45211	Internship
COM 33400	Web Design
COM 42400	Applications for Mobile Devices
MIS 44020	Information Systems Analysis and Design

**COMPUTER SCIENCE BS***67 credit hours*

The Bachelor of Science in Computer Science requires the following courses:

**Requirements**

Required courses for the Bachelor of Science in Computer Science are as follows:

CSC 14400	Computer Science I
CSC 24400	Computer Science II
CSC 25500	Assembly Language Programming
CSC 30500	Principles of Database Systems
CSC 34400	GUI Application Design
CSC 36000	Data Structures and Algorithms
CSC 40300	Computer Architecture
CSC 40600	Operating Systems
CSC 43000	Senior Project
MTH 22100	Discrete Structures
MTH 27100	Calculus I
MTH 27200	Calculus II
MTH 28500	Introduction to Advanced Mathematics
MTH 31500	Linear Algebra I
PHY 30100	General Physics I
PHY 30200	General Physics II

One of the following:

CSC 10011	Introduction to Computer Science: Python
CSC 10022	Introduction to Computer Science: Javascript

Also required are 6 credit hours selected from among the following options:

CSC 38000	Telecommunications and Computer Networking
CSC 40500	Computer Graphics
CSC 40800	Organization of Programming Languages
CSC 44700	Project Management and Practice
CSC 45100	Cooperative Education in Computer Science I
CSC 45200	Cooperative Education in Computer Science II
CSC 45111	Internship
CSC 45211	Internship
COM 33400	Web Design
COM 42400	Applications for Mobile Devices
MIS 44020	Information Systems Analysis and Design

**COMPUTER INFORMATION SYSTEMS BS***60 credit hours***Requirements**

Required courses for the Bachelor of Science in Computer Information Systems are as follows:

CSC 14400	Computer Science I
CSC 24400	Computer Science II
CSC 30500	Principles of Database Systems
CSC 34400	GUI Application Design
CSC 43000	Senior Project
CSC 44700	Project Management and Practice
MTH 15100	College Algebra
MTH 22100	Discrete Structures
MTH 24100	Statistics for Natural Science
ACCT 21010	Principles of Financial Accounting
ACCT 21011	Principles of Managerial Accounting
ECON 23010	Survey of Economics
MGMT 26032	Principles of Management
MGMT 36050	Organizational Behavior

One of the following:

CSC 10011	Introduction to Computer Science: Python
CSC 10022	Introduction to Computer Science: Javascript

Also required are 12 credit hours selected from among the following options:

CSC 25500	Assembly Language Programming
CSC 36000	Data Structures and Algorithms
CSC 38000	Telecommunications and Computer Networking
CSC 40300	Computer Architecture
CSC 40500	Computer Graphics
CSC 40600	Operating Systems
CSC 40800	Organization of Programming Languages
CSC 45100	Cooperative Education in Computer Science I
CSC 45200	Cooperative Education in Computer Science II
CSC 45111	Internship
CSC 45211	Internship
COM 33400	Web Design
COM 42400	Applications for Mobile Devices
COM 44300	Interactive Web Development
COM 44401	Advanced Interactive Scripting
MIS 44020	Information Systems Analysis and Design

**COMPUTER SCIENCE MINOR***23 credit hours***Requirements**

Required courses for the minor in computer science are the following:

CSC 14400	Computer Science I
CSC 24400	Computer Science II
CSC 36000	Data Structures and Algorithms

One of the following:

CSC 10011	Introduction to Computer Science: Python
CSC 10022	Introduction to Computer Science: Javascript

Also required are 9 credit hours selected from among the following options:

CSC 25500	Assembly Language Programming
CSC 30500	Principles of Database Systems
CSC 34400	GUI Application Design
CSC 38000	Telecommunications and Computer Networking
CSC 40300	Computer Architecture
CSC 40500	Computer Graphics
CSC 40600	Operating Systems
CSC 40800	Organization of Programming Languages
CSC 43000	Senior Project
CSC 44700	Project Management and Practice
CSC 45100	Cooperative Education in Computer Science I
CSC 45200	Cooperative Education in Computer Science II
CSC 45111	Internship
CSC 45211	Internship

**Mathematics and Physics Department***Dr. Wojciech Golik, Chair*

Mathematics majors can expect to work in jobs ranging from teaching high school, to pension consulting and risk analysis, to computer simulations, to statistical analysis. Other positions involve business development, systems analysis and design, and systems and networks operation. Mathematics provides a very strong background for the study of law, engineering, or economics. The greatest strength of mathematics is in providing the firm foundation in the fundamental rules of abstraction and expression. Mathematics shapes the way one thinks about problems and hones one's ability for analytical thought. It provides excellent background to model data, determine optimal information, and understand spatial and temporal relationships.



The Bachelor of Science in Mathematics and the Bachelor of Arts in Mathematics prepare students for graduate studies in mathematics, bioinformatics, operations research, and management science. Other options include employment at large corporations as operations research personnel, computing researchers (with a computer science minor), and statisticians. The Bachelor of Arts in Mathematics with secondary education certification prepares students for a teaching career in high schools. The Bachelor of Arts in Mathematics with an emphasis in actuarial studies is intended for students seeking jobs as actuaries in the insurance industry. The actuarial emphasis prepares students for the professional actuarial examinations offered by the Society of Actuaries. A minor in mathematics is often pursued by computer science majors. It supplements their education enabling them to work more efficiently as programmers in computer simulations. A minor in engineering physics is pursued by mathematics and computer science majors. Possible career paths include jobs with large aerospace, automobile, and electronic corporations. The pre-engineering program requires students to take the first two years at Lindenwood and complete the remainder of the degree in their chosen engineering specialty at an affiliated university. The program requires completion of a certain core of courses in mathematics, physics, computer science, chemistry and engineering.

The Department of Mathematics and Physics offers the following degrees:

- Bachelor of Arts in Mathematics
- Bachelor of Arts in Mathematics with actuarial studies emphasis
- Bachelor of Arts in Mathematics with secondary certification
- Bachelor of Science in Mathematics
- Bachelor of Science in Mathematics with actuarial studies emphasis

The department offers minors in mathematics and engineering physics. It also sponsors the pre-engineering program at Lindenwood University.

A student majoring in mathematics may participate in a dual degree program in engineering. See the pre-engineering section of this catalog for more information.

## Mathematics

### MATHEMATICS BA

*50 credit hours*

#### Requirements

##### Core Courses

The Bachelor of Arts in Mathematics requires the completion of the following core courses:

MTH 24100	Statistics for Natural Science
MTH 27100	Calculus I
MTH 27200	Calculus II
MTH 28500	Introduction to Advanced Mathematics
MTH 30300	Calculus III
MTH 31100	Differential Equations
MTH 31500	Linear Algebra I
MTH 32000	Algebraic Structures
CSC 14400	Computer Science I
PHY 30100	General Physics I

Plus one of the following courses:

CSC 10011	Introduction to Computer Science: Python
CSC 10022	Introduction to Computer Science: Javascript

##### Math Elective Courses

Students also must complete nine credit hours of mathematics coursework selected from among the following options:

MTH 31300	History of Mathematics
MTH 31600	Linear Algebra II
MTH 32400	Theory of Financial Mathematics I
MTH 33000	Geometry
MTH 34100	Probability and Mathematical Statistics I
MTH 34200	Probability and Mathematical Statistics II
MTH 35100	Numerical Methods
MTH 36100	Applied Engineering Mathematics
MTH 37000	Advanced Calculus
MTH 39000-39999	Special Topics in Applied Mathematics
MTH 49000-49999	Special Topics in Mathematics

**MATHEMATICS BA****CTUARIAL STUDIES EMPHASIS**

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*50 credit hours Bachelor of Arts in Mathematics**15 credit hours Actuarial Studies Emphasis***Requirements**

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**Emphasis Area Courses**

The emphasis in actuarial studies requires the completion of the following coursework in addition to the courses required for the Bachelor of Arts in Mathematics:

MTH 32400	Theory of Financial Mathematics I
MTH 32500	Theory of Financial Mathematics II
MTH 34100	Probability and Mathematical Statistics I
MTH 34200	Probability and Mathematical Statistics II
ACCT 21010	Principles of Financial Accounting
ECON 23020	Principles of Microeconomics
ECON 23030	Principles of Macroeconomics
FIN 32000	Principles of Finance

*Note: Nine credit hours of MTH coursework above counts as elective the coursework for the BA in Mathematics.*

**MATHEMATICS BA****SECONDARY EDUCATION CERTIFICATION**

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*89 credit hours***Requirements**

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**Math, Computer Science, and Physics Courses**

The Bachelor of Arts in Mathematics with secondary education certification requires the completion of the following coursework in mathematics, computer science, and physics:

CSC 14400	Computer Science I
MTH 24100	Statistics for Natural Science
MTH 27100	Calculus I
MTH 27200	Calculus II
MTH 28500	Introduction to Advanced Mathematics
MTH 30300	Calculus III
MTH 31100	Differential Equations
MTH 31500	Linear Algebra I
MTH 32000	Algebraic Structures
PHY 30100	General Physics I

Plus one of the following courses:

CSC 10011	Introduction to Computer Science: Python
CSC 10022	Introduction to Computer Science: Javascript

**Math Elective Course**

Students must also complete three credit hours of mathematics coursework selected from among the following options:

MTH 31300	History of Mathematics
MTH 31600	Linear Algebra II
MTH 32400	Theory of Financial Mathematics I
MTH 34100	Probability and Mathematical Statistics I
MTH 34200	Probability and Mathematical Statistics II
MTH 35100	Numerical Methods
MTH 36100	Applied Engineering Mathematics
MTH 37000	Advanced Calculus
MTH 39000-39999	Special Topics in Applied Mathematics
MTH 49000-49999	Special Topics in Mathematics

**Education Courses**

The degree also requires the completion of the following courses in education:

EDU 10000	Orientation to Educational Experiences
EDU 11100	School Observation
EDU 20200	Psychology of Teaching and Learning
EDU 21501	Teacher Education Seminar I
EDU 30700	Teaching Reading in the Content Areas
EDU 32100	Middle/High School Classroom Teaching and Technology
EDU 33100	Secondary Methods of Teaching Mathematics
EDU 34100	Education of the Exceptional Child
EDU 34300	Middle/High School Differentiation and Classroom Management
EDU 38000	Pre-Student Teaching Practicum
EDU 40400	Advanced Measurement and Evaluation to Enhance Learning
EDU 41000	Student Teaching

**MATHEMATICS BS**

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*67 credit hours***Requirements**

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**Core Courses**

The Bachelor of Science in Mathematics requires the completion of the following core courses:

MTH 24100	Statistics for Natural Science
MTH 27100	Calculus I
MTH 27200	Calculus II

MTH 28500	Introduction to Advanced Mathematics
MTH 30300	Calculus III
MTH 31100	Differential Equations
MTH 31500	Linear Algebra I
MTH 32000	Algebraic Structures
MTH 37000	Advanced Calculus
CSC 14400	Computer Science I
CSC 24400	Computer Science II
PHY 30100	General Physics I
PHY 30200	General Physics II

Plus one of the following courses:

CSC 10011	Introduction to Computer Science: Python
CSC 10022	Introduction to Computer Science: Javascript

#### *Math Elective Courses*

Students must also complete 15 credit hours of mathematics courses selected from among the following options:

MTH 31300	History of Mathematics
MTH 31600	Linear Algebra II
MTH 32400	Theory of Financial Mathematics I
MTH 33000	Geometry
MTH 34100	Probability and Mathematical Statistics I
MTH 34200	Probability and Mathematical Statistics II
MTH 35100	Numerical Methods
MTH 36100	Applied Engineering Mathematics
MTH 39000-39999	Special Topics in Applied Mathematics
MTH 49000-49999	Special Topics in Mathematics

## MATHEMATICS BS

### ACTUARIAL STUDIES EMPHASIS

*67 credit hours Bachelor of Science in Mathematics*

*12 credit hours Actuarial Studies Emphasis*

#### **Requirements**

##### *Emphasis Area Courses*

The emphasis in actuarial studies requires the completion of the following coursework in addition to the courses required for the Bachelor of Science in Mathematics:

MTH 32400	Theory of Financial Mathematics I
MTH 32500	Theory of Financial Mathematics II
MTH 34100	Probability and Mathematical Statistics I
MTH 34200	Probability and Mathematical Statistics II
ACCT 21010	Principles of Financial Accounting

ECON 23020	Principles of Microeconomics
ECON 23030	Principles of Macroeconomics
FIN 32000	Principles of Finance

*Note: The 12 credit hours of MTH coursework above are included as part of the 15 credit hours of electives for the BS in Mathematics.*

## MATHEMATICS MINOR

*24 credit hours*

### **Requirements**

#### *Minor Courses*

The minor in mathematics requires completion of the following courses:

MTH 27100	Calculus I
MTH 27200	Calculus II
MTH 28500	Introduction to Advanced Mathematics
MTH 30300	Calculus III
MTH 31500	Linear Algebra I

#### *Math Elective Course*

Students must also complete an additional three credit hours of mathematics courses selected from among the following options:

MTH 31100	Differential Equations
MTH 31300	History of Mathematics
MTH 31600	Linear Algebra II
MTH 32000	Algebraic Structures
MTH 33000	Geometry
MTH 34100	Probability and Mathematical Statistics I
MTH 34200	Probability and Mathematical Statistics II
MTH 35100	Numerical Methods
MTH 36100	Applied Engineering Mathematics
MTH 37000	Advanced Calculus
MTH 39000-39999	Special Topics in Applied Mathematics
MTH 49000-49999	Special Topics in Mathematics

### **Physics**

Courses in physics are offered in the School of Sciences in support of majors in other academic programs. No physics major is offered at this time. However, a minor in engineering physics is offered, which requires the completion of 38 credit hours of coursework.

## ENGINEERING PHYSICS MINOR

38 credit hours

### Requirements

The minor in engineering physics requires completion of the following courses:

PHY 30100	General Physics I
PHY 30200	General Physics II
PHY 30300	Modern Physics
EGR 33500	Engineering Mechanics-Statics and Dynamics
EGR 36100	Circuit Theory I
EGR 36200	Circuit Theory II-AC Circuits
MTH 27100	Calculus I
MTH 27200	Calculus II
MTH 30300	Calculus III

### Pre-Engineering

The Department of Mathematics and Physics also offers programs in pre-engineering, such that students can take the first two or three years of their program at Lindenwood and complete the remainder of their degree in their chosen engineering specialty at an affiliated university. Depending on the program, the student can either obtain a single degree in engineering or two degrees: one from Lindenwood in his or her major and an engineering degree from the affiliated university. Engineering programs typically require completion of a certain core of courses in mathematics, physics, computer science, chemistry and engineering. Since the specific core course requirement depends upon the engineering specialty and the engineering degree desired from the transfer university, each pre-engineering student should contact a Lindenwood Liaison Officer for Engineering as an advisor so that the student will be on track for his or her program. Note that any student intending to finish at Lindenwood in the given number of years must be prepared to take Calculus I during the first semester.

### PRE-ENGINEERING

#### TRANSFER/ARTICULATION AGREEMENTS

Lindenwood University has Transfer/Articulation agreements in place with engineering programs at the following universities: University of Missouri-Columbia, University of Missouri- Rolla, University of Missouri-St. Louis, and Washington University. Students should meet with a Lindenwood Liaison Officer for Engineering to discuss the specific requirements for each transfer university.

### Requirements

Students participating in the pre-engineering program at Lindenwood should complete the following core courses:

MTH 27100	Calculus I
MTH 27200	Calculus II
MTH 30300	Calculus III
MTH 31100	Differential Equations
PHY 30100	General Physics I
PHY 30200	General Physics II
CSC 14400	Computer Science I
CSC 24400	Computer Science II
CHM 23000	General Chemistry I
CHM 23100	General Chemistry 2
CHM 23200	General Chemistry 3
CHM 24100	General Chemistry 2 Laboratory
CHM 24200	General Chemistry 3 Laboratory
EGR 25100	Computer Aided Design (CAD)
EGR 33500	Engineering Mechanics-Statics and Dynamics
EGR 36100	Circuit Theory I
EGR 36200	Circuit Theory II-AC Circuits

One of the following:

CSC 10011	Introduction to Computer Science: Python
CSC 10022	Introduction to Computer Science: Javascript

### Psychology Department

*Dr. Toni RinconGallardo, Chair*

The Bachelor of Arts in psychology is a general liberal arts degree that prepares graduates for lifelong learning. Features of the major include exposure to and practice in problem solving skills, critical thinking skills, information-gathering and synthesis skills, interpersonal and intrapersonal skills, and skills in research and statistical reasoning. The field's knowledge base regarding human behavior is pertinent to virtually all careers that entail dealing with people. Students with a bachelor's degree in psychology commonly enter careers in the fields of human services, business, human resources, education, and criminal justice. Psychology majors sometimes pursue graduate study in a variety of fields, including counseling, psychology, social work, law, healthcare, business, and education. Lindenwood University offers both a Bachelor of Arts in Psychology and a minor in psychology. Course requirements are given below.

**PSYCHOLOGY BA***42 credit hours***Requirements**

The Bachelor of Arts in Psychology requires the following core courses:

PSY 10000	Principles of Psychology
PSY 30300	Abnormal Psychology
PSY 30400	Basic Research Methods
PSY 30600	Behavioral Science Statistics
PSY 48500	Senior Seminar

One of the following:

MTH 14100	Basic Statistics
MTH 24100	Statistics for Natural Science

Plus six credit hours in clinical psychology courses selected from among the following options:

PSY 22000	Health Psychology
PSY 30900	Personality
PSY 31100	Behavior Modification
PSY 32400	Psychological Testing
PSY 34100	Psychotherapy
PSY 36500	Human Sexuality

Plus six credit hours in experimental psychology courses selected from among the following options:

PSY 32500	Behavioral Neuroscience
PSY 33000	Psychology of Learning and Memory
PSY 33100	Cognitive Psychology
PSY 33200	The Psychology of Motivation and Emotion
PSY 33400	Social Psychology

Plus six credit hours in developmental psychology courses selected from among the following options:

PSY 20500	Human Development
PSY 20800	Child Psychology
PSY 21000	Psychology of Parenting
PSY 31200	Psychology of Aging
PSY 31300	Psychology of Adolescence

Plus six credit hours in general psychology courses selected from among the following options:

PSY 21500	Careers in Psychology
PSY 23100	Critical and Creative Thinking
PSY 23500	Death and Dying
PSY 29000-29999	Special Topics in Psychology
PSY 30800	Psychology of Women
PSY 39000-39999	Special Topics in Psychology
PSY 40400	Advanced Research Methods
PSY 45000	Psychology Practicum

PSY 48000	Independent Research
PSY 48300	Senior Thesis

**PSYCHOLOGY MINOR***21 credit hours***Requirements**

The minor in psychology requires the completion of the following courses:

PSY 10000	Principles of Psychology
PSY 30300	Abnormal Psychology

One of the following:

MTH 14100	Basic Statistics
MTH 24100	Statistics for Natural Science

Plus three credit hours in clinical psychology courses, selected from among the following options:

PSY 22000	Health Psychology
PSY 30900	Personality
PSY 31100	Behavior Modification
PSY 32400	Psychological Testing
PSY 34100	Psychotherapy
PSY 36500	Human Sexuality

Plus three credit hours in experimental psychology courses, selected from among the following options:

PSY 32500	Behavioral Neuroscience
PSY 33000	Psychology of Learning & Memory
PSY 33100	Cognitive Psychology
PSY 33200	The Psychology of Motivation and Emotion
PSY 33400	Social Psychology

Plus three credit hours in developmental psychology courses, selected from among the following options:

PSY 20500	Human Development
PSY 20800	Child Psychology
PSY 21000	Psychology of Parenting
PSY 31200	Psychology of Aging
PSY 31300	Psychology of Adolescence

Plus three credit hours in general psychology courses selected from among the following options:

PSY 21500	Careers in Psychology
PSY 23100	Critical and Creative Thinking
PSY 23500	Death and Dying
PSY 29000-29999	Special Topics in Psychology
PSY 30800	Psychology of Women
PSY 39000-39999	Special Topics in Psychology
PSY 40400	Advanced Research Methods
PSY 45000	Psychology Practicum
PSY 48000	Independent Research
PSY 48300	Senior Thesis

## SCHOOL OF SPORT, RECREATION, AND EXERCISE SCIENCES

### Athletic Training Department

*Randy Biggerstaff, Chair*

Lindenwood University offers a Bachelor of Science in Athletic Training. This program is designed to prepare the athletic training students to succeed on the Board of Certification (BOC) examination and become Certified Athletic Trainers. Lindenwood University's Athletic Training BOC first time pass rate is currently 75%.

The student must complete the required coursework and a minimum of 1210 contact hours with a preceptor, clinical instructor and/or a certified athletic trainer. Throughout the program, the student successfully completes the National Athletic Trainers' Association's Athletic Training Clinical Competencies and Proficiencies; these contact hours will be completed during field experiences in various athletic training settings.

The athletic training education program at Lindenwood University is a rigorous and intense 3 year program that places specific requirements and demands on the students enrolled in the program. Each student entering the program is required to have a physical examination performed prior to admittance. Lindenwood University's athletic training education program is accredited by the Commission on Accreditation of Athletic Training Education (CAATE [www.caate.net](http://www.caate.net)).

### ATHLETIC TRAINING BS

*99 credit hours*

#### Requirements

The Bachelor of Science in Athletic Training requires completion of the following courses:

AT 28000	Introduction to Athletic Training Lab
AT 28300	Clinical Experience I
AT 28500	Introduction to Athletic Training
AT 30100	Therapeutic Exercise and Rehabilitation of Athletic Injuries
AT 30200	Assessment of Athletic Injuries-Lower Body
AT 30300	Assessment of Athletic Injuries-Upper Body
AT 30400	Therapeutic Modalities
AT 37900	Current Topics in Athletic Training
AT 38000	Therapeutic Exercise & Rehabilitation of Athletic Injuries Lab
AT 38100	Assessment of Athletic Injuries-Lower Body Lab
AT 38200	Assessment of Athletic Injuries-Upper Body Lab
AT 38300	Clinical Experience II

AT 38400	Clinical Experience III
AT 38500	Clinical Experience IV
AT 38600	Therapeutic Modalities Lab
AT 42700	ACES/BOC Preparation Course
AT 42800	Clinical Experience V
AT 42900	Clinical Experience VI
AT 43100	Organization and Administration of Athletic Training
AT 43200	Pharmacology
AT 43300	Pathology of Non-Orthopedic Injuries and Illness
AT 43800	Senior Seminar
AT 43900	Athletic Training Integrating Experience

Additional requirements include:

BSC 10000	Concepts in Biology
BSC 12100	Nutrition
CHM 10000	Concepts in Chemistry
EXS 31500	Physiology of Exercise
EXS 31600	Physiology of Exercise Lab
EXS 32500	Biomechanics
HFS 16000	First Aid/CPR/Sport Injuries
HFS 20000	Health and Nutrition
MTH 14100	Basic Statistics
One MTH elective	numbered 12100 or higher
PE 12000	Weight Lifting I
PE 12100	Weight Lifting II
PSY 10000	Principles of Psychology

One of the following:

BSC 22700	Human Anatomy and Physiology I
EXS 28000	Applied Anatomy

One of the following:

BSC 22800	Human Anatomy and Physiology II
EXS 28500	Applied Physiology

Recommended Elective

PE 32000	Psychological and Sociological Aspects of Physical Education
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See an athletic training advisor for further information.

### Exercise Science Department

*Kathryn Tessmer, PhD, Chair*

Exercise science is a scientific program of study that focuses on the anatomy, physiology, biochemistry, human movement, and applications to exercise and therapeutic rehabilitation. Examples of coursework include instruction in clinical exercise physiology, exercise physiology, biomechanics, fitness assessment and exercise prescription, energy sources and strength and conditioning.

Exercise science prepares qualified professionals for employment in health and fitness centers, hospital-based health and wellness programs, corporate based health and wellness programs, cardiac rehabilitation, strength and conditioning, and allied health areas. Additionally, the program prepares students for advanced study in related fields such as exercise physiology, biomechanics, occupational therapy, physical therapy, physician assistant, medicine and chiropractic medicine.

Students must meet the minimum criteria listed below.

- Admission to Lindenwood University
- Declaration of exercise science as a major
- C or better on all prerequisites and core content courses
- An overall cumulative minimum GPA of 2.50.

*Notes: Students must be within 12 credit hours of graduation to register for an internship and must have completed EXS 41000 prior to enrolling in EXS 44000 (Internship).*

### Early Access

Students with an undergraduate GPA of 3.0 or higher may take up to seven semester hours at the graduate level during the last 12 credits of their undergraduate degree program. These hours will count toward the Master of Science in Human Performance but not toward the bachelor's degree. The early access option requires that the student be enrolled in at least 12 semester hours of undergraduate classes while he or she is taking human performance courses under this option. Students in the early access program must maintain a 3.0 in all master's credits.

## EXERCISE SCIENCE BS

*61-64 hours core requirements*

*16-17 hours additional requirements*

### Requirements

The Bachelor of Science in Exercise Science requires completion of the following courses:

HFS 16000	First Aid/CPR/Sport Injuries
HFS 22000	Motor Learning and Rhythmic Activity
PE 32000	Psychological and Sociological Aspects of Physical Education
PE 35600	Theory & Methods of Coaching Weight Training
EXS 24000	Nutrition throughout the Lifecycle
EXS 25000	Foundations of Sport and Exercise Science
EXS 26000	Concepts in Conditioning
EXS 27500	Research Methods and Data Interpretation
EXS 30000	Sport and Fitness Administration
EXS 31500	Physiology of Exercise

EXS 31600	Physiology of Exercise Lab
EXS 31700	Advanced Exercise Physiology
EXS 32500	Biomechanics
EXS 34000	Nutrition for Performance
EXS 38900	Exercise Testing
EXS 41000	Exercise Prescription and Implementation
EXS 43000	Physical Activity for Specific Populations
EXS 44000	Internships

One of the following

BSC 22700	Human Anatomy and Physiology I
EXS 28000	Applied Anatomy

One of the following

BSC 22800	Human Anatomy and Physiology II
EXS 28500	Applied Physiology

Additional requirements include:

PSY 10000	Principles of Psychology
MTH 15100	College Algebra

One of the following:

MTH 14100	Basic Statistics
MTH 24100	Statistics for Natural Science

One of the following

BSC 10000	Concepts in Biology
BSC 24400	Introduction to Cellular and Molecular Biology

One of the following

CHM 10000	Concepts in Chemistry
CHM 23000	General Chemistry 1

See an exercise science advisor.

## Physical Education and Health Department

*Annie Alameda, EdD, Chair*

The Physical Education and Health Department offers degree programs that promote a physically active and healthy lifestyle. Students can pursue teaching certifications in physical education and health through the state of Missouri through the Bachelor of Arts in Physical Education K-12 or the Bachelor of Arts in Health Education K-12 programs. (For more information on certification programs, see the School of Education.) Additionally, the department offers of Bachelor of Science in Physical Education for those who wish to pursue coaching or related work outside the K-12 setting in environments such as in community centers, non-profit organizations, or youth sport organizations. Students of this degree will complete coursework in the areas of anatomy, physiology, fitness, and nutrition.

**HEALTH BA****TEACHING CERTIFICATION (K-12)***38 core credit hours***Requirements**

Course requirements for grades K-12 certification in health are as follows:

EDU 27500	Secondary Methods in Health Education
BSC 12100	Nutrition
BSC 22700	Human Anatomy and Physiology I
BSC 22800	Human Anatomy and Physiology II
PSY 22000	Health Psychology
PSY 36500	Human Sexuality
SOC 31500	Alcohol, Drugs, and Society
HFS 16000	First Aid/CPR/Sport Injuries
HFS 20000	Health and Nutrition
HFS 30000	Community Health
EXS 31500	Physiology of Exercise
EXS 32500	Biomechanics

Additional course requirements include:

BSC 10000	Concepts in Biology
CHM 10000	Concepts in Chemistry
PSY 10000	Principles of Psychology

*A minor in education K-12 must be declared.*

See a health major advisor.

**PHYSICAL EDUCATION BA****TEACHING CERTIFICATION (K-12)***56 credit hours**38-40 credit hours K-12 Education Minor***Requirements**

Course requirements for K-12 certification in physical education are as follows:

EXS 31500	Physiology of Exercise
EXS 32500	Biomechanics
HFS 16000	First Aid/CPR/Sport Injuries
HFS 20000	Health and Nutrition
HFS 22000	Motor Learning and Rhythmic Activity
HFS 30500	Measurement & Evaluation in Physical Education
HFS 40000	Adapted Physical Education
PE 15000	Foundations of Physical Education
PE 31800	Coaching with Character
PE 32000	Psychological and Sociological Aspects of Physical Education
PE 33500	Methods of Elementary Physical Education
PE 33600	Methods of Intermediate Physical

**Education**

One of the following:

HFS 20700	Human Anatomy and Physiology
BSC 22700	Human Anatomy and Physiology I
EXS 28000	Applied Anatomy

Plus four credit hours of coursework in Team or Lifetime Sports selected from the following list of courses:

**Team Sports**

PE 10000	Team Sports (Competitive Sports)
PE 10100	Recreational Sports I
PE 10200	Recreational Sports II
PE 10300	Volleyball
PE 10400	Softball
PE 10500	Track and Field
PE 10600	Flag Football
PE 10700	Basketball
PE 10800	Soccer
PE 10900	Wrestling
PE 11000	Golf

**Lifetime Sports**

PE 11200	Trap/Skeet Shooting
PE 12000	Weight Lifting I
PE 12100	Weight Lifting II
PE 12200	Orienteering
PE 12600	Aerobic Fitness
PE 12700	Swimming I
PE 12900	Lifeguarding
PE 13000	Water Aerobics
PE 13100	Bowling
PE 13200	Lifetime Sports
PE 13300	Tennis I
PE 13400	Tennis II
PE 13500	Badminton
PE 13600	Scuba
PE 13700	Archery
PE 13800	Racquetball
PE 13900	Pickleball
PE 14000	Plyometrics
PE 14100	Self Defense I
PE 14200	Cardiovascular Fitness
PE 14300	Self Defense II
PE 14400	Camping
PE 14500	Bicycling
PE 14800	Hiking
PE 14900	Canoeing
PE 15100	Table Tennis
PE 15200	Rappelling
PE 15300	Officiating of Team Sports
PE 15400	Billiards and Pool
PE 15500	Swimming II
PE 15600	Fencing
PE 15700	Advanced Lifeguarding/Lifesaving
PE 15800	Fishing and Fly Tying



PE 15900	Advanced Fishing and Fly Tying
PE 16100	Outdoor Education
PE 20300	Adventure Education and Leadership
HFS 24000	Stress Management
PE 26200	Marathon Course

Additional course requirements include:

BSC 10000	Concepts in Biology
CHM 10000	Concepts in Chemistry
PSY 10000	Principles of Psychology

Plus three credit hours of math coursework; MTH 14100 or MTH 14800 is recommended.

#### *Methods of Teaching*

The following major specific course is to be completed as part of the minor in K-12 Education.

EDU 32500	Perceptual Motor Development
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*A minor in Education K-12 must be declared.*

See a physical education major advisor.

## PHYSICAL EDUCATION BA

### HEALTH (K-12) ADD-ON

*56 credit hours Bachelor of Arts in Physical Education*

*15 credit hours Health (K-12) Add-On*

*38-40 credit hours K-12 Education Minor*

#### **Requirements**

For students majoring in physical education wishing to obtain a health certification add-on, an additional 15 credits of coursework are required in conjunction with the Bachelor of Arts in Physical Education requirements.

The additional Health (K-12) Add-On courses include:

SOC 31500	Alcohol, Drugs, and Society
PSY 22000	Health Psychology
PSY 36500	Human Sexuality
HFS 30000	Community Health
EDU 27500	Secondary Methods in Health Education

Course requirements for K-12 certification in physical education are as follows:

EXS 31500	Physiology of Exercise
EXS 32500	Biomechanics
HFS 16000	First Aid/CPR/Sport Injuries
HFS 20000	Health and Nutrition
HFS 22000	Motor Learning and Rhythmic Activity
HFS 30500	Measurement & Evaluation in Physical Education
HFS 40000	Adapted Physical Education

PE 15000	Foundations of Physical Education
PE 31800	Coaching with Character
PE 32000	Psychological and Sociological Aspects of Physical Education
PE 33500	Methods of Elementary Physical Education
PE 33600	Methods of Intermediate Physical Education

One of the following:

HFS 20700	Human Anatomy and Physiology
BSC 22700	Human Anatomy and Physiology I
EXS 28000	Applied Anatomy

Plus four credit hours of coursework in Team or Lifetime Sports selected from the following list of courses:

#### *Team Sports*

PE 10000	Team Sports (Competitive Sports)
PE 10100	Recreational Sports I
PE 10200	Recreational Sports II
PE 10300	Volleyball
PE 10400	Softball
PE 10500	Track and Field
PE 10600	Flag Football
PE 10700	Basketball
PE 10800	Soccer
PE 10900	Wrestling
PE 11000	Golf

#### *Lifetime Sports*

PE 11200	Trap/Skeet Shooting
PE 12000	Weight Lifting I
PE 12100	Weight Lifting II
PE 12200	Orienteering
PE 12600	Aerobic Fitness
PE 12700	Swimming I
PE 12900	Lifeguarding
PE 13000	Water Aerobics
PE 13100	Bowling
PE 13200	Lifetime Sports
PE 13300	Tennis I
PE 13400	Tennis II
PE 13500	Badminton
PE 13600	Scuba
PE 13700	Archery
PE 13800	Racquetball
PE 13900	Pickleball
PE 14000	Plyometrics
PE 14100	Self Defense I
PE 14200	Cardiovascular Fitness
PE 14300	Self Defense II
PE 14400	Camping
PE 14500	Bicycling
PE 14800	Hiking
PE 14900	Canoeing
PE 15100	Table Tennis

PE 15200	Rappelling
PE 15300	Officiating of Team Sports
PE 15400	Billiards and Pool
PE 15500	Swimming II
PE 15600	Fencing
PE 15700	Advanced Lifeguarding/Lifesaving
PE 15800	Fishing and Fly Tying
PE 15900	Advanced Fishing and Fly Tying
PE 16100	Outdoor Education
PE 20300	Adventure Education and Leadership
HFS 24000	Stress Management
PE 26200	Marathon Course

Additional course requirements include:

BSC 10000	Concepts in Biology
CHM 10000	Concepts in Chemistry
PSY 10000	Principles of Psychology

Plus three credit hours of math coursework; MTH 14100 or MTH 14800 is recommended.

#### *Methods of Teaching*

The following major specific course is to be completed as part of the minor in K-12 Education.

EDU 32500	Perceptual Motor Development
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### **HEALTH ADD-ON FOR NON-PE MAJORS**

*29 credit hours*

#### **Requirements**

Any non-PE majors seeking the health add-on must complete the following core courses:

EDU 27500	Secondary Methods in Health Education
HFS 30000	Community Health
PSY 22000	Health Psychology
PSY 36500	Human Sexuality
SOC 31500	Alcohol, Drugs, and Society

Also required are 14 credit hours of coursework selected from among the following options:

HFS 20000	Health and Nutrition
EXS 31500	Physiology of Exercise
EXS 32500	Biomechanics
HFS 20700	Human Anatomy and Physiology
	or
EXS 28000	Applied Anatomy
	or
BSC 22700	Human Anatomy and Physiology I and
BSC 22800	Human Anatomy and Physiology II

*Students may only select HFS 20700, EXS 28000, or BSC 22700 and BSC 22800.*

### **PHYSICAL EDUCATION BS**

*75 credit hours*

#### **Requirements**

The Bachelor of Science in Physical Education requires completion of the following courses:

EDU 32500	Perceptual Motor Development
EXS 31500	Physiology of Exercise
EXS 32500	Biomechanics
HFS 16000	First Aid/CPR/Sport Injuries
HFS 20000	Health and Nutrition
HFS 20700	Human Anatomy and Physiology
HFS 22000	Motor Learning and Rhythmic Activity
HFS 30000	Community Health
HFS 30500	Measurement & Evaluation in Physical Education
HFS 40000	Adapted Physical Education
PE 15000	Foundations of Physical Education
PE 20300	Adventure Education and Leadership
PE 31800	Coaching with Character
PE 32000	Psychological and Sociological Aspects of Physical Education
PE 34900	Organization and Administration of Health and Physical Education
PE 35600	Theory & Methods of Coaching Weight Training

Additional requirements:

Plus one PSY course at the 20000 or 30000 level and one course selected from the options below.

PE 35000	Theory & Methods of Coaching Football
PE 35100	Theory & Methods of Coaching Basketball
PE 35200	Theory & Methods of Coaching Softball and Baseball
PE 35300	Theory & Methods of Coaching Track & Field
PE 35400	Theory & Methods of Coaching Volleyball
PE 35500	Theory & Methods of Coaching Soccer
PE 35700	Theory & Methods of Coaching Wrestling
PE 35800	Theory & Methods of Coaching Aquatic Sports

Plus six credit hours of coursework in Team or Lifetime Sports selected from the following list of courses:

#### *Team Sports*

PE 10000	Team Sports (Competitive Sports)
PE 10100	Recreational Sports I

PE 10200	Recreational Sports II
PE 10300	Volleyball
PE 10400	Softball
PE 10500	Track and Field
PE 10600	Flag Football
PE 10700	Basketball
PE 10800	Soccer
PE 10900	Wrestling
PE 11000	Golf

**Lifetime Sports**

PE 11200	Trap/Skeet Shooting
PE 12000	Weight Lifting I
PE 12100	Weight Lifting II
PE 12200	Orienteering
PE 12600	Aerobic Fitness
PE 12700	Swimming I
PE 12900	Lifeguarding
PE 13000	Water Aerobics
PE 13100	Bowling
PE 13200	Lifetime Sports
PE 13300	Tennis I
PE 13400	Tennis II
PE 13500	Badminton
PE 13600	Scuba
PE 13700	Archery
PE 13800	Racquetball
PE 13900	Pickleball
PE 14000	Plyometrics
PE 14100	Self Defense I
PE 14200	Cardiovascular Fitness
PE 14300	Self Defense II
PE 14400	Camping
PE 14500	Bicycling
PE 14800	Hiking
PE 14900	Canoeing
PE 15100	Table Tennis
PE 15200	Rappelling
PE 15300	Officiating of Team Sports
PE 15400	Billiards and Pool
PE 15500	Swimming II
PE 15600	Fencing
PE 15700	Advanced Lifeguarding/Lifesaving
PE 15800	Fishing and Fly Tying
PE 15900	Advanced Fishing and Fly Tying
PE 16100	Outdoor Education
PE 20300	Adventure Education and Leadership
HFS 24000	Stress Management
PE 26200	Marathon Course
PE 31800	Coaching with Character

Additional course requirements include:

BSC 10000	Concepts in Biology
CHM 10000	Concepts in Chemistry
PSY 10000	Principles of Psychology
MTH 14100	Basic Statistics

Plus three credit hours of general education math coursework.

See a physical education major advisor.

## Recreation Administration Department

*Dr. Joseph Lovell, Chair*

The Department of Recreation Administration is dedicated to promoting healthy lifestyles in society by developing students' understanding and ability to plan, organize, and facilitate challenging and rewarding recreation and leisure experiences in preparation for future careers in leisure services. Students will learn about human behavior, public policy, social issues, and how to manage facilities and resources to enhance the quality of life for individuals and communities. Students will gain the knowledge and skills needed for entry level positions in private, nonprofit, and public recreation organizations on the local, state/regional, and national/federal level as well as be prepared for further study in graduate school in a variety of disciplines.

### Degrees Offered

The Department of Recreation Administration offers the following degrees and emphasis areas:

Bachelor of Arts in Recreation Administration

- Emphasis in community recreation management
- Emphasis in outdoor recreation management
- Emphasis in sport and fitness management
- Emphasis in general recreation

### RECREATION ADMINISTRATION BA

*57-67 credit hours*

#### Requirements

All students must complete the following core courses:

REC 10200	Introduction to Recreation and Leisure Services
REC 20300	Adventure Education and Leadership
REC 20600	Leisure in Contemporary Society
REC 24300	Recreation Conferences and Associations
REC 31000	Foundations of Therapeutic Recreation
REC 36200	Program Planning and Marketing
REC 38100	Recreation Facility Design and Management
REC 38200	Practicum in Recreation
REC 40500	Research and Evaluation in Recreation
REC 41000	Recreation Organization and Administration
REC 46200	Recreation Senior Seminar
REC 48200	Internship in Recreation

**Basic Skills Courses:**

Students may apply 3 credit hours of basic skills courses toward the electives in any Recreation Administration emphasis area. This would include any 3 credit hour combination of the following courses (plus any approved REC Special Topics courses):

REC 11300	Wilderness Survival
REC 12000	Shotgun Shooting Skills
REC 12100	Muzzle Loading
REC 12200	Dutch Oven Cooking
REC 12400	Casting and Angling
REC 12500	Land Navigation
REC 12600	Introduction to Team Building
REC 12700	Hunting in Missouri
REC 12800	Caving
REC 13600	Scuba
REC 13700	Archery
REC 14400	Camping
REC 14500	Mountain Biking
REC 14800	Hiking
REC 14900	Canoeing
REC 15200	Rock Climbing
PE 26200	Marathon Course
PE 10000	Team Sports (Competitive Sports)
PE 10100	Recreational Sports I
PE 10200	Recreational Sports II
PE 10300	Volleyball
PE 10400	Softball
PE 10500	Track and Field
PE 10600	Flag Football
PE 10700	Basketball
PE 10800	Soccer
PE 10900	Wrestling
PE 11000	Golf
PE 12000	Weight Lifting I
PE 12100	Weight Lifting II
PE 12600	Aerobic Fitness
PE 12700	Swimming I
PE 12900	Lifeguarding
PE 13000	Water Aerobics
PE 13100	Bowling
PE 13200	Lifetime Sports
PE 13300	Tennis I
PE 13400	Tennis II
PE 13500	Badminton
PE 13800	Racquetball
PE 13900	Pickleball
PE 14000	Plyometrics
PE 14100	Self Defense I
PE 14200	Cardiovascular Fitness
PE 14300	Self Defense II
PE 15100	Table Tennis
PE 15400	Billiards and Pool
PE 15500	Swimming II

PE 15600	Fencing
PE 15700	Advanced Lifeguarding/Lifesaving

**Recreation Professional Exam**

Students majoring in recreation administration must take the recreation professional exam during their final semester on campus to complete the degree requirements. The recreation professional exam is administered in:

REC 46200	Recreation Senior Seminar
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**Areas of Emphasis**

In addition to the REC core courses, students seeking a degree in recreation administration must complete one of the following areas of emphasis: community recreation management, outdoor recreation management, sport and fitness management, general recreation.

**Community Recreation Management Emphasis**

*24 credit hours*

Required courses:

ACCT 21010	Principles of Financial Accounting
NPA 30000	Fundraising
NPA 35100	Volunteer Management
NPA 37100	Grantwriting

One of the following:

EXS 30000	Sport and Fitness Administration
MGMT 26032	Principles of Management
NPA 35000	Management of Nonprofit Organizations
PE 34900	Organization and Administration of Health and Physical Education
PS 33500	Public Administration

One of the following:

NPA 30300	Human Resource Management
HRM 36510	Human Resource Management

Plus six credit hours from the following options (plus any approved REC Special Topics courses):

HFS 20000	Health and Nutrition
HFS 30000	Community Health
PE 33100	Analysis and Teaching of Lifetime Sports
MIS 14000	Microcomputer Applications
MIS 24000	Introduction to Information Systems
MRKT 35010	Principles of Marketing
NPA 38300	Marketing for Nonprofit Organizations
REC 15700	Outdoor Leisure Pursuits
REC 31200	Sports and Society
REC 32300	General Recreation Programming
REC 32500	Outdoor Recreation and Leadership
REC 32600	Outdoor Education
REC 33300	Program Design and Assessment in Recreation Therapy

REC 34200	Camp Management and Leadership
REC 38000	Recreation and the Natural Environment
REC 37000	High Adventure Leadership Training
REC 47200	Natural Resource Management

**Outdoor Recreation Management Emphasis***24 credit hours*

Required courses:

REC 11300	Wilderness Survival
REC 12500	Land Navigation
REC 15700	Outdoor Leisure Pursuits
REC 34200	Camp Management and Leadership
REC 37000	High Adventure Leadership Training

One of the following:

REC 32500	Outdoor Recreation and Leadership
REC 32600	Outdoor Education

One of the following:

MGMT 26032	Principles of Management
NPA 35000	Management of Nonprofit Organizations
PS 33500	Public Administration

Plus seven credit hours from the following options (plus any and approved REC Special Topics courses):

ACCT 21010	Principles of Financial Accounting
REC 20100	Fundamentals of Interpretation
BSC 11200	Environmental Biology
MIS 14000	Microcomputer Applications
MIS 24000	Introduction to Information Systems
NPA 30000	Fundraising
NPA 35100	Volunteer Management
NPA 36000	Leadership in Nonprofit Organizations
NPA 37100	Grantwriting
NPA 38300	Marketing for Nonprofit Organizations
REC 28200	Wilderness First Responder
REC 32300	General Recreation Programming
REC 38000	Recreation and the Natural Environment
REC 47000	Environmental and Historical Interpretation Methods
REC 47200	Natural Resource Management
REC 47600	Wilderness Institute

**Sport and Fitness Management Emphasis***24 credit hours*

Required courses:

EXS 25000	Foundations of Sport and Exercise Science
EXS 30000	Sport and Fitness Administration
MRKT 35010	Principles of Marketing
REC 31200	Sports and Society

SPMGT 27020	Orientation to Sport Management
SPMGT 37050	Event Management

Plus six credit hours from the following options (plus any and approved REC Special Topics courses):

ACCT 21010	Principles of Financial Accounting
ECON 23010	Survey of Economics
EXS 26000	Concepts in Conditioning
EXS 33000	Current Issues in Exercise Science
HFS 20000	Health and Nutrition
HFS 30000	Community Health
PE 32000	Psychological and Sociological Aspects of Physical Education
PE 33100	Analysis and Teaching of Lifetime Sports
NPA 35100	Volunteer Management
REC 32300	General Recreation Programming
REC 38300	Recreational Sports Management
SPMGT 37040	Sport Marketing and Promotion
SPMGT 37060	Sport Law
SPMGT 47080	Sport Management Policy

**General Recreation Emphasis***24 credit hours*

The general recreation emphasis is fulfilled when a student completes 24 credit hours of coursework selected from among the following departments, selected based on the student's interests and career goals: accounting (ACCT), art (ART), American studies (AST), biological sciences (BSC), criminal justice (CJ), Christian ministries studies (CMS), communications (COM), dance (DAN), Earth sciences (ESC), education (EDU), exercise science (EXS), health fitness sciences (HFS), human resource management (HRM), management (MGMT), management information systems (MIS), marketing (MRKT), music (MUS), nonprofit administration (NPA), physical education (PE), public administration (PS), psychology (PSY), recreation administration (REC), sociology (SOC), sport management (SPMGT), social work (SW), and/or theater (TA). Selection of courses should be in consultation with the student's advisor and may all be in one discipline or several. It is strongly recommended to complete a minor in one of the disciplines above for partial fulfillment of the general recreation emphasis.

## NATIONAL OUTDOOR LEADERSHIP SCHOOL (NOLS) SEMESTER

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The Department of Recreation Administration has an affiliate agreement with the National Outdoor Leadership School. This agreement allows a student to participate in a semester long NOLS course and receive 12-15 credits. Credits are awarded through the recreation program and count toward the major in recreation administration or the minor in outdoor leadership. Students that enroll in a NOLS semester course are charged a reduced tuition rate allowing all remaining financial aid to help pay for the

NOLS course. Students will be enrolled in REC 32500 Outdoor Recreation and Leadership, REC 47200 Natural Resource Management, and REC 47600 Wilderness Institute. Student may also choose to enroll in REC 28200 Wilderness First Responder, depending on the selected NOLS course. NOLS courses are offered throughout the United States and in many locations around the world. Contact the chair of the Department of Recreation Administration for more information.

## Sport, Recreation, and Exercise Sciences Minors

Lindenwood University School of Sport, Recreation, and Exercise Sciences also offers the following minors:

- Adapted sport and recreation
- Coaching
- Health and wellness
- Health and fitness management
- Nutrition
- Outdoor leadership
- Recreation administration
- Sport and fitness management
- Strength and conditioning

### ADAPTED SPORT AND RECREATION

*21 credit hours*

#### Requirements

Required coursework:

HFS 21000	Adaptive Sport and Recreation
HFS 40000	Adapted Physical Education
REC 31000	Foundations of Therapeutic Recreation

One of the following:

REC 33300	Program Design and Assessment in Recreation Therapy
EXS 43000	Physical Activity for Specific Populations

One of the following:

REC 38200	Practicum in Recreation
EXS 44000	Internships

Also required are six credit hours selected from these options:

NPA 30000	Fundraising
NPA 35000	Management of Nonprofit Organizations
NPA 35100	Volunteer Management
PE 42059	Practicum in Adaptive Sports

REC 34200	Camp Management and Leadership
REC 36200	Program Planning and Marketing
REC 38100	Recreation Facility Design and Management
PSY 20500	Human Development
	or
PSY 30300	Abnormal Psychology

### COACHING MINOR

*21-22 credit hours*

#### Requirements

Core requirements:

HFS 16000	First Aid/CPR/Sport Injuries
PE 31800	Coaching with Character
PE 32000	Psychological and Sociological Aspects of Physical Education
PE 34900	Organization and Administration of Health and Physical Education
PE 35600	Theory & Methods of Coaching Weight Training

Student must also select:

HFS 20400	Care and Prevention of Athletic Injuries
	Or
AT 28500	Introduction to Athletic Training And
AT 28000	Introduction to Athletic Training Lab

Also required are three credit hours selected from these options:

PE 35000	Theory & Methods of Coaching Football
PE 35100	Theory & Methods of Coaching Basketball
PE 35200	Theory & Methods of Coaching Softball and Baseball
PE 35300	Theory & Methods of Coaching Track & Field
PE 35400	Theory & Methods of Coaching Volleyball
PE 35500	Theory & Methods of Coaching Soccer
PE 35700	Theory & Methods of Coaching Wrestling
PE 35800	Theory & Methods of Coaching Aquatic Sports
PE 42052	Practicum in Coaching Baseball/Softball
PE 42053	Practicum in Coaching Track & Field
PE 42054	Practicum in Coaching Volleyball
PE 42055	Practicum in Coaching Soccer

PE 42056	Practicum in Coaching Weight Training
PE 42057	Practicum in Coaching Wrestling
PE 42058	Practicum in Coaching Aquatic Sports

## HEALTH AND WELLNESS MINOR

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21 credit hours

### Requirements

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Core requirements:

HFS 16000	First Aid/CPR/Sport Injuries
HFS 20000	Health and Nutrition
HFS 30000	Community Health
PSY 10000	Principles of Psychology

Students must choose three courses from these electives:

BSC 12100	Nutrition
EXS 24000	Nutrition throughout the Lifecycle
EXS 25000	Foundations of Sport and Exercise Science
HFS 24000	Stress Management
SOC 31500	Alcohol, Drugs, and Society
PSY 22000	Health Psychology
PSY 30300	Abnormal Psychology
PSY 33200	The Psychology of Motivation and Emotion
PSY 36500	Human Sexuality
REC 20600	Leisure in Contemporary Society

## HEALTH AND FITNESS MANAGEMENT MINOR

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30 credit hours

### Requirements

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Core requirements:

EXS 25000	Foundations of Sport and Exercise Science
EXS 33000	Current Issues in Exercise Science
MRKT 35010	Principles of Marketing
SPMGT 27020	Orientation to Sport Management
MGMT 26061	Business Law I

Students must choose five courses from these electives:

ACCT 21010	Principles of Financial Accounting
ECON 23010	Survey of Economics
MGMT 36050	Organizational Behavior
HRM 36510	Human Resource Management
HRM 36530	Employee Training and Development
HRM 36540	Employment Law
MGMT 26032	Principles of Management
MIS 24000	Introduction to Information Systems

MGMT 26014	Excel for Professionals
SPMGT 37040	Sport Marketing and Promotion
SPMGT 37050	Event Management

*Note: Prerequisite coursework may be required for some of the courses listed above.*

## NUTRITION MINOR

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18 credit hours

The nutrition minor is designed for students majoring in any of the allied health sciences (health & fitness sciences, biology, chemistry) or other area of interest. The curriculum will provide the students with a strong foundation in the principles and assessment of nutrition across the lifecycle, and offer elective courses in community, sports nutrition, and food science.

### Requirements

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Core coursework for the minor in nutrition includes:

EXS 21000	Nutrition & Metabolism
EXS 23000	Assessment of Nutritional Status
EXS 24000	Nutrition throughout the Lifecycle
	Or
BSC 12100	Nutrition

Students must choose three courses from the following electives:

EXS 30500	Medical Nutrition Therapy
EXS 34000	Nutrition for Performance
HFS 30000	Community Health
EXS 29003	Special Topics: Nutrition Education and Counseling

## OUTDOOR LEADERSHIP MINOR

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18 credit hours

### Requirements

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Students must complete the following courses:

REC 11300	Wilderness Survival
REC 12500	Land Navigation
REC 20300	Adventure Education and Leadership
REC 37000	High Adventure Leadership Training

One of the following:

REC 32500	Outdoor Recreation and Leadership
REC 32600	Outdoor Education

In addition, students must complete three credit hours of basic skills from the following courses (plus any approved REC Special Topics courses):

REC 12000	Shotgun Shooting Skills
REC 12100	Muzzle Loading
REC 12200	Dutch Oven Cooking

REC 12400	Casting and Angling
REC 12600	Introduction to Team Building
REC 12700	Hunting in Missouri
REC 12800	Caving
REC 13600	Scuba
REC 13700	Archery
REC 14400	Camping
REC 14500	Mountain Biking
REC 14800	Hiking
REC 14900	Canoeing
REC 15200	Rock Climbing
REC 15700	Outdoor Leisure Pursuits
REC 19000-19999	Special Topics in Recreation Administration

Students must also complete three credit hours from the following courses:

ESC 20000	Introduction to Geographic Information Systems
REC 24300	Recreation Conferences and Associations
REC 28200	Wilderness First Responder
REC 34200	Camp Management and Leadership
REC 36200	Program Planning and Marketing
REC 38100	Recreation Facility Design and Management
REC 38200	Practicum in Recreation
REC 47200	Natural Resource Management
REC 47600	Wilderness Institute

### RECREATION ADMINISTRATION MINOR

*21 credit hours*

#### Requirements

Students must complete the following courses:

REC 10200	Introduction to Recreation and Leisure Services
REC 31000	Foundations of Therapeutic Recreation
REC 36200	Program Planning and Marketing
REC 41000	Recreation Organization and Administration

Plus nine credit hours of any combination of recreation administration (REC) courses:

*No more than 3 credit hours may be taken from 10000-level Basic Skills/Activity coursework.*

### SPORT AND FITNESS MANAGEMENT MINOR

*22 credit hours*

#### Requirements

Students must complete the following courses:

EXS 25000	Foundations of Sport and Exercise Science
EXS 26000	Concepts in Conditioning
EXS 30000	Sport and Fitness Administration
PE 32000	Psychological and Sociological Aspects of Physical Education
REC 31200	Sports and Society
REC 36200	Program Planning and Marketing
REC 38100	Recreation Facility Design and Management

### STRENGTH AND CONDITIONING MINOR

*24 credit hours*

#### Requirements

Core requirements:

PE 35600	Theory & Methods of Coaching Weight Training
EXS 26000	Concepts in Conditioning
EXS 38500	Advanced Strength Training Techniques
EXS 45500	Exam Preparation
PSY 10000	Principles of Psychology

One of the following:

HFS 20400	Care and Prevention of Athletic Injuries
AT 28500	Introduction to Athletic Training

One of the following:

EXS 30000	Sport and Fitness Administration
EXS 33000	Current Issues in Exercise Science

One of the following:

PSY 20500	Human Development
PSY 33200	The Psychology of Motivation and Emotion



## UNDERGRADUATE COURSE DESCRIPTIONS

*Courses are listed alphabetically by department prefix.*

Courses that can fulfill general education requirements include a designation in their course descriptions indicating the GE category the course can fulfill. The list of such designations and their meaning are listed in the table below.

GE-Eng – Satisfies the GE English Composition requirement	GE-CrsClc – Satisfies the GE Cross Cultural requirement
GE-Comm – Satisfies the GE Communications requirement	GE-ForLang – Satisfies the GE Foreign Language requirement
GE-Lit – Satisfies the GE English Literature requirement	GE-SocSci – Satisfies the GE Social Science requirement
GE-Phil-Rel – Satisfies the GE Philosophy/Religion requirement	GE-BioSci – Satisfies the GE Biological Science requirement
GE-Fine Art – Satisfies the GE Fine Art requirement	GE-EarthSci – Satisfies the GE Earth Science requirement
GE-AmGovHis – Satisfies the GE American Government/History Requirement	GE-PhysSci – Satisfies the GE Physical Science requirement
GE-WHis – Satisfies the GE World History requirement	GE-Math – Satisfies the GE Mathematics requirement

*Note: Some courses can fulfill two different GE Requirements. However no student can use a single course to fulfill two different requirements.*

### ACCT - Accounting

#### ACCT 21010 - Principles of Financial Accounting (3)

This course introduces students to the accounting information framework used by organizations to collect, maintain, and report financial information. Special emphasis will be given to transaction analysis and the resulting effect on the financial statements. Lab fee may be required. Prerequisite: a C or better in MTH 14100, MTH 14200, MTH 15100, MTH 15200, MTH 17500, MTH 24100, MTH 27100 or MTH 27200. Offered: fall and spring semesters.

#### ACCT 21011 - Principles of Managerial Accounting (3)

This course focuses on the development, analysis, interpretation, and communication of financial information designed to assist managers in achieving the goals of an organization. Topics include discussions about different cost accumulation systems, cost management systems, activity-based costing and management, and planning and control. Lab fee may be required. Prerequisite: a C or better in ACCT 21010 and in MTH 14100, MTH 14200, MTH 15100, MTH 15200, MTH 17500, MTH 24100, MTH 27100 or MTH 27200. Offered: fall and spring semesters.

#### ACCT 31012 - Accounting Cycle Analyses (3)

This course focuses on the technical aspects of the accounting cycle. All aspects of the accounting cycle will be addressed

including transaction entry, financial statement presentation, and closing entries. The course is intended for accounting majors or anyone desiring a thorough understanding of the accounting cycle. Prerequisite: a C or better in ACCT 21010 and in MTH 14100, MTH 14200, MTH 15100, MTH 15200, MTH 17500, MTH 24100, MTH 27100 or MTH 27200. Also required is the successful completion of the Writing Proficiency Assessment (WPA) or ENGL 21000. Offered: fall and spring semesters.

#### ACCT 31020 - Financial Accounting and Reporting I (3)

This course examines the development, application, and importance of accounting standards, principles, and conventions, including US GAAP and IFRS variances. Problems of balance sheet valuations and their impact upon income statements for receivables, inventory, and assets will be covered in detail. Prerequisite: a C or better in ACCT 31012. Also required is the successful completion of the Writing Proficiency Assessment (WPA) or ENGL 21000. Offered: fall and spring semesters.

#### ACCT 31021 - Financial Accounting and Reporting II (3)

This course is a continuation of ACCT 31020 and will focus on financial instruments and liabilities. Effects of judgment and opinion on the "fairness" of statement presentation will be studied. Prerequisite: a C or better in ACCT 31020. Also required is the successful completion of the Writing Proficiency Assessment (WPA) or ENGL 21000. Offered: fall and spring semesters.

#### ACCT 31040 - Accounting Information Systems (3)

This course explores the role information managers play in the development and use of event-driven information systems. Topics discussed will include the use of modeling to determine value-added activities within an organization, the identification of risks and corresponding controls developed by an organization, and the design of an integrated relational database to support the information processes of the organization. Lab fee may be required. Prerequisite: a C or better in ACCT 21011 and MIS 24000. Also required is the successful completion of the Writing Proficiency Assessment (WPA) or ENGL 21000. Offered: fall and spring semesters.

#### ACCT 31041 - Excel for Accounting (3)

The student will use Microsoft Excel to examine various aspects of both financial and managerial accounting. This course is designed to enhance students' knowledge of Excel and the many ways it is used by accountants. Lab fee may be required. Prerequisite: a C or better in ACCT 21011. Also required is the successful completion of the Writing Proficiency Assessment (WPA) or ENGL 21000. Offered: intermittently.

#### ACCT 31200-31299 - Directed Studies in Accounting (3)

An independent structured learning experience will be developed to ensure student's knowledge and competencies are achieved in selected topics. Areas of specific need will be pursued to supplement normal classroom instruction. Prerequisite: Permission of the instructor and dean of the School of Business & Entrepreneurship. Also required is the successful completion of

the Writing Proficiency Assessment (WPA) or ENGL 21000. Offered: By arrangement only.

**ACCT 41022 - Financial Accounting and Reporting III (3)**

This course focuses on specialized issues in advanced financial accounting. Topics to be covered include consolidations, mergers, and partnership liquidations. Prerequisite: a C or better in ACCT 31021. Also required is the successful completion of the Writing Proficiency Assessment (WPA) or ENGL 21000. Offered: intermittently.

**ACCT 41030 - Introduction to Cost Accounting (3)**

This course explores the concepts of cost determination, reporting, and control applied to manufacturing operations with an emphasis placed on job order and process cost accounting systems. Prerequisite: a C or better in ACCT 21011. Also required is the successful completion of the Writing Proficiency Assessment (WPA) or ENGL 21000. Offered: fall and spring semesters.

**ACCT 41031 - Managerial Accounting (3)**

This course investigates the development and use of accounting information for decision making purposes. The course will emphasize the development of financial information for management's use in the decision making process. Topics will include internal reporting techniques, cost-volume-profit analysis, relevant cost, capital budgeting, and management planning and control. Prerequisite: a C or better in ACCT 21011. Also required is the successful completion of the Writing Proficiency Assessment (WPA) or ENGL 21000. Offered: intermittently.

**ACCT 41050 - Income Tax (3)**

This course introduces students to the conceptual framework of federal and state income tax as applicable to businesses and individuals with an emphasis on determining and controlling the tax consequences of business and personal decisions. Compliance will be addressed but the emphasis will be on planning and concepts. Prerequisite: a C or better in ACCT 21011 and FIN 32000. Also required is the successful completion of the Writing Proficiency Assessment (WPA) or ENGL 21000. Offered: fall and spring semesters.

**ACCT 41055 - Income Tax-Corporate (3)**

Analysis of the Federal Tax Code as it relates to corporations, partnerships, estates, and trusts will be discussed. Prerequisite: a C or better in ACCT 41050. Also required is the successful completion of the Writing Proficiency Assessment (WPA) or ENGL 21000. Offered: spring semester.

**ACCT 41060 - Governmental and Nonprofit Accounting (3)**

This course introduces students to the concept of accounting and financial reporting for federal, state, and local government and for nonprofit organizations. Lab fee may be required. Prerequisite: a C or better in ACCT 31020. Also required is the successful completion of the Writing Proficiency Assessment (WPA) or ENGL 21000. Offered: intermittently.

**ACCT 41065 - Introduction to International Accounting (3)**

In this course, the student examines aspects of accounting operations within a multinational corporate environment. Key topics of analysis include foreign exchange exposure; translation

of foreign-denominated financial statements; consolidated financial statements; transfer pricing; Foreign Corrupt Practices Act; and related tax and regulatory issues. Comparison of U.S. and foreign practices in areas such as financial standards and reporting, auditing, and performance measurements is examined. Prerequisite: C or better in ACCT 31021 Financial Accounting and Reporting II. Also required is the successful completion of the Writing Proficiency Assessment (WPA) or ENGL 21000.

**ACCT 41070 - Financial Statement Analysis (3)**

This course explores profitability and risk analysis based on economic characteristics of a firm's business, the strategy a firm uses to compete in its industry, and an understanding of financial statements. Case studies are utilized to apply the tool of financial statement analysis to real companies in a variety of industries. Lab fee may be required. Prerequisite: a grade of C or better in ACCT 31020 or FIN 32000. Also required is the successful completion of the Writing Proficiency Assessment (WPA) or ENGL 21000. Offered: intermittently.

**ACCT 41080 - Auditing (3)**

This course is designed to help students understand the nature of auditing with an emphasis on techniques and issues as applied by Certified Public Accountants. Professional standards, Generally Accepted Auditing Standards, legal liabilities of auditors, and specific auditing techniques will be explored. Prerequisite: a C or better in ACCT 31021. Also required is the successful completion of the Writing Proficiency Assessment (WPA) or ENGL 21000. Offered: fall and spring semesters.

**ACCT 41095 - Internship (1-9)**

The Internship Program is designed to expose the student to a variety of practical business environments. This exposure will permit the student to observe and experience firsthand how businesses function in today's society. Prerequisite: permission of the dean, faculty advisor, and internship coordinator, junior standing, and a cumulative GPA of 2.50 overall and a cumulative GPA of 3.0 in all required degree courses. Also required is the successful completion of the Writing Proficiency Assessment (WPA) or ENGL 21000. Offered: fall and spring semesters.

**ACCT 41200-41299 - Directed Studies in Accounting (3)**

An independent structured learning experience will be developed to ensure students' knowledge and competencies are achieved in selected topics. Areas of specific need will be pursued to supplement normal classroom instruction. Prerequisite: Permission of the instructor and dean of the School of Business & Entrepreneurship. Also required is the successful completion of the Writing Proficiency Assessment (WPA) or ENGL 21000. Offered: By arrangement only.

**AEM - Arts and Entertainment Management**

**AEM 10000 - Introduction to Arts and Entertainment Management (2)**

Introduction to the production of dance, music, theatre, and visual arts and the organizational structures, practices, and standard issues associated with arts and entertainment management. Offered: fall semester.

**AEM 10001 - Practicum (1)**

Supervised practical arts and entertainment production experience. May be repeated for credit. Offered: fall and spring semesters.

**AEM 20000 - Production Management I (3)**

This course is a practical study of managing all aspects of producing fine and performing arts events, including pre-production planning and processes (e.g., facilities, contracts, fundraising, insurance, licensing, market research); collaboration with artists (and when applicable their representatives); marketing/promotion; production personnel; materials and processes; audience/guest services; sales and accounting; and post-production processes (e.g., payments, assessments, sales, recordings). Prerequisite: AEM 10000 Offered: fall semester.

**AEM 20001 - Practicum (1)**

Supervised practical arts and entertainment production experience that requires more participation and responsibility than AEM 10001. May be repeated for credit. Prerequisite: AEM 10001 Offered: fall and spring semesters.

**AEM 20500 - Box Office and House Management (3)**

A study of the fundamental principles of arts marketing, public relations, promotions, media, journalism, audience retention and development, subscription sales, telemarketing and community relations; web-based communications and systems related to marketing, outreach, and sales; and front-of-house processes and services. Prerequisite: AEM 10000 Offered: fall semester.

**AEM 30000 - Production Management II (3)**

This course is an extension of AEM 20000. Requires increased production participation and responsibility. Prerequisite: a grade of C or better in AEM 20000. Offered: fall semester.

**AEM 30001 - Practicum (1)**

Supervised practical arts and entertainment production experience that requires more participation and responsibility than AEM 20001. May be repeated for credit. Prerequisite: AEM 20001 Offered: fall and spring semesters.

**AEM 40000 - Production Management III (3)**

This course is an extension of AEM 30000. Requires increased production participation and responsibility as well as a comprehensive project. Prerequisite: a grade of C or better in AEM 30000. Offered: fall semester.

**AEM 40001 - Practicum (1)**

Supervised practical arts and entertainment production experience that requires more participation and responsibility than AEM 30001. May be repeated for credit. Prerequisite: AEM 30001 Offered: fall and spring semesters.

**AEM 45000 - Internship (3-6)**

Supervised work experience for the advance student which requires the application of principles, skills, and strategies within the discipline. Requires signed internship agreement by student, faculty of record, and supervisor representing host organization. May be repeated for a maximum of six credit hours. Prerequisite: Junior standing, successful completion of the WPA or ENGL 21000, and permission of dean. Offered: intermittently.

**AES - Aerospace Science****AES 10100 - The Foundations of the United States Air Force (2)**

A survey course designed to introduce students to the United States Air Force and Air Force Reserve Officer Training Corps. Featured topics include: mission and organization of the Air Force, professionalism, military courtesies, Air Force officer opportunities, group leadership problems, and an introduction to communication skills. Leadership Laboratory is mandatory for AFROTC cadets, and it complements this course by providing students with followership experiences. Classroom activity, two hours per week; Leadership Laboratory two hours per week.

**AES 10200 - The Air Force Today (2)**

A continuation of AES 10100, this course extends students' understanding of the United States Air Force and Air Force Reserve Officer Training Corps. Featured topics include: mission and organization of the Air Force, officership, military customs, Air Force officer opportunities, group leadership problems, and an introduction to communication skills. Leadership Laboratory is mandatory for AFROTC cadets, and it complements this course by providing students with followership experiences. Classroom activity, two hours per week; Leadership Laboratory two hours per week.

**AES 11000 - Leadership Laboratory I (0)**

This course is taken in conjunction with AES 11200. It is a laboratory that addresses topics associated with the United States Air Force such as physical fitness and health.

**AES 11200 - Leadership Laboratory II (0)**

This course is taken in conjunction with AES 11200. It is a laboratory that addresses topics associated with the United States Air Force such as drill and ceremonies for officers.

**AES 20100 - The Evolution of USAF Air and Space Power (2)**

A survey course concerned with the beginnings of manned flight and the development of aerospace power in the United States, including the employment of air power in WWI, WWII, Korea, Vietnam, the Gulf War and the peaceful employment of U.S. air power in civic actions, and scientific missions. Leadership Laboratory is mandatory for Air Force ROTC cadets and it complements this course by providing cadets with their first opportunity for applied leadership experiences and prepares them for Field Training.

**AES 20200 - The Air Force Way (2)**

A survey course concerned with the beginnings of manned flight and the development of aerospace power in the United States, including the employment of air power in WWI, WWII, Korea, Vietnam, the Gulf War and the peaceful employment of U.S. air power in civic actions, and support of space exploration. Leadership Laboratory is mandatory for Air Force ROTC cadets and it complements this course by providing cadets with their first opportunity for applied leadership experiences and prepares them for Field Training.

**AES 30100 - Air Force Leadership and Management I (3)**

This course is a study in the anatomy of leadership, the need for quality and management leadership, and the role of discipline in

leadership situations. Case studies are used to examine Air Force leadership and management situations as a means of demonstrating and exercising practical application of the concepts. Cadets deal with actual problems and complete projects associated with planning and managing the Leadership Laboratory. A mandatory Leadership Laboratory complements this course by providing advanced leadership experiences in officer-type activities, giving cadets opportunities to apply leadership and management principles of this course.

**AES 30200 - Air Force Leadership and Management II (3)**

This course is a study in the anatomy of leadership, the need for quality and management leadership, and the variables affecting leadership. Case studies are used to examine Air Force leadership and management situations as a means of demonstrating and exercising practical application of the concepts. Cadets deal with actual problems and complete projects associated with planning and managing the Leadership Laboratory. A mandatory Leadership Laboratory complements this course by providing advanced leadership experiences in officer-type activities, giving cadets opportunities to apply leadership and management principles of this course.

**AES 40100 - National Security Affairs and Preparation for Active Duty I (3)**

Cadets learn about the role of the professional military leader in a democratic society; societal attitudes toward the armed forces; the impact of technological and international developments on strategic preparedness and the overall policy-making process; and military law. In addition, cadets will study topics that will prepare them for their first active-duty assignment as officers in the Air Force. A mandatory Leadership Laboratory complements this course. Leadership Laboratory provides advanced leadership experiences and gives cadets opportunities to develop and apply fundamental leadership and management skills while planning and conducting corps activities.

**AES 40200 - National Security Affairs and Preparation for Active Duty II (3)**

Cadets learn about the role of the professional military leader in a democratic society; the requisites for maintaining adequate national defense structure; the impact of technological and international developments on strategic preparedness and the overall policy-making process; and military law. In addition, cadets will study topics that will prepare them for their first active-duty assignment as officers in the Air Force. A mandatory Leadership Laboratory complements this course. Leadership Laboratory provides advanced leadership experiences and gives cadets opportunities to develop and apply fundamental leadership and management skills while planning and conducting corps activities.

**AHS - Allied Health Sciences**

**AHS 32000 - Allied Health Professionalism in a Transforming Healthcare System (3)**

This course introduces the student to the expanded expectations of the allied health professional in a transforming healthcare system. Topics in the course will include an introduction to the concepts and proficiencies essential to the baccalaureate prepared

allied health professional. Competencies and skills introduced will include leadership, professionalism, interdisciplinary practice, communication, and collaboration. Additional course topics will guide the student's educational experience within the allied health major.

**AHS 34000 - Health Care Law and Ethics (3)**

This course presents an overview of legal and ethical issues facing healthcare professionals. It provides students with a foundation of health law and ethics and reviews a wide variety of healthcare legal and ethical situations. Course content includes ethical theories and principles, contemporary ethical dilemmas in healthcare, legal aspects for selected healthcare situations, inter-professional roles within ethics committees, and patients' rights and responsibilities. Students will discuss legal and ethical issues to explore personal values, increase sensitivity to others and develop ethical reasoning abilities.

**AHS 38400 - Health Literacy and Patient Education (3)**

This course introduces the student to the topic of health literacy. Students will examine the issues surrounding health literacy and the impact of health literacy on health outcomes and access to quality healthcare. Topics in the course will include communication strategies and styles, health literacy assessment techniques, research, and practical tools for implementing plain language to improve health literacy. Students will explore health literacy from an inter-professional perspective and discuss opportunities for collaboration to enhance health literacy. Emphasis will be placed on implementation and application of health literacy concepts.

**AHS 38600 - Complementary and Alternative Medicine (3)**

This course provides an overview of complementary and alternative medicine (CAM) health practices now being utilized by a growing number of health-care consumers who are seeking alternatives to traditional healthcare. Selected CAM therapies, practices, and their relationship to traditional Western medicine will be discussed. Students will review current trends in CAM, CAM research initiatives, and the healthcare consumer implications such as health insurance and scams related to CAM. Utilizing an inter-professional perspective, students will explore the mind-body basis for many CAM modalities and how to incorporate CAM into holistic healthcare to a culturally and ethnically diverse healthcare patient population.

**AHS 44000 - Healthcare Supervision and Management (3)**

This course prepares the health professional to move into a supervisory or management role within the healthcare setting. The course will engage students in the functions of healthcare management, which include planning, organizing, directing, coordinating, and controlling. The course will include principles of supervision and management, authority and responsibility and effective communication. Employee selection, training, performance evaluation, and disciplinary action will be explored.

**AHS 46000 - Healthcare Leadership and Organizational Behavior (6)**

This course prepares the allied health professional to coordinate care, lead teams, and demonstrate high level decision making within diverse healthcare settings. Course content examines the

many aspects of leadership and organizational behavior, such as leadership theory, individuals' perceptions and attitudes, diversity, communication, motivation, power, stress, conflict management, negotiation models, group dynamics, team building, and managing organizational change. The course will discuss leadership models, behavior, and strategic planning at various organizational levels. Students will learn concepts of organizational structure, healthcare delivery systems, and change management.

#### **AHS 48000 - Allied Health Capstone (3)**

This course is designed for students to assimilate and integrate knowledge and skills from their allied health and general education coursework through a capstone project. Students will work with Lindenwood University SONAHS faculty to develop and plan the implementation and evaluation of a project to lead a change initiative aimed at improving health outcomes and/or allied health practice in the healthcare environment. Elements of the course and project will emphasize healthcare professionalism, evidence based practice, safety and quality, health policy, management, and leadership in the transition to professional allied health practice in a transforming healthcare environment. In addition, each student will complete a portfolio outlining professional growth throughout the program and include identification of goals for continued growth and lifelong learning.

### **ANT - Anthropology**

#### **ANT 10000 - Introduction to Anthropology (3)**

(GE-SocSci/CrsCl) This course will introduce students to all four major subfields of Anthropology: Cultural, Biological, Archaeology, and Linguistics. Students will learn the basic goals, methods, and theories of each of these subfields, and briefly explore career options in each. This course is designed for non-majors or those interested in the possibility of majoring. Offered: fall and spring semesters.

#### **ANT 11200 - Cultural Anthropology (3)**

(GE-SocSci/CrsCl) Students are introduced to the various fields within anthropology with a focus on the study of different forms of societies. The course includes such topics as culture, language, and the impact of globalization on societies. Offered: fall and spring semesters

#### **ANT 13100 - Biological Anthropology with Lab (4)**

(GE-BioSci) This course provides an introduction to the anthropological subfield of Biological Anthropology through both lectures and lab exercises. Students will learn about the biological evolution of humans and current human variation through fossil and genetic studies of primate and human populations. Forensic Anthropology will be introduced in terms of its implications for modern day social and political issues. An introduction to the archaeology of early human cultures of the world is included. Lab fee required. Offered: fall semester.

#### **ANT 20600 - Introduction to Social and Cultural Research Methods (4)**

This course will introduce students to various methods of studying culture and society. Students will learn how to prepare research proposals and how to prepare and use a variety of research instruments. Students will learn how to use various

forms of quantitative and qualitative analysis. Students will apply what they have learned during Saturday "field days" under the guidance of their professor. Prerequisite: ANT 10000 or SOC 10200 Offered: Fall semesters of odd numbered years. Cross-Listed as: SOC 20600

#### **ANT 21000 - Native North American Indians (3)**

(GE-CrsCl) This course offers a broad survey of the archaeology, traditional cultures, and the current conditions and perceptions of the Native American Indian populations of North America. Prerequisite: ANT 11200 or SOC 10200 or HIS 10500. Offered: spring semester.

#### **ANT 22500 - Introduction to Archaeology (4)**

In this course, students will be introduced to the anthropological sub-field of Archaeology. The course includes components on the history and development of archaeology, theoretical underpinnings of archaeology, current and applied archaeology, cultural resource management, public education, job prospects, and a practical, hands-on, field experience in survey and excavation. Students will attend lectures during the first months of the semester and then participate in an actual field survey and limited excavation project on certain weekends in the last month (requires significant physical activity in the outdoors). Lab fee required. Prerequisite: ANT 10000 or ANT 11200. Offered: spring semester.

#### **ANT 30600 - Ethnographic Field School (6)**

In this intensive summer course, students will learn how to use ethnographic field methods in the real world. They will be supervised and coached as they conduct research and employ what they have learned in the classroom. Students will prepare proposals for the Institutional Review Board, prepare research instruments, recruit participants, conduct interviews, code and analyze data, and write the results of their research. Lab fee required. Prerequisite: junior standing and ANT 11200 or SOC 10200, and ANT/SOC 20600, or permission of the dean. Offered: intermittently

#### **ANT 30800 - Archaeological Field School (6)**

This course offers the opportunity to gain intensive training in archaeological field methods including: excavation, site survey, mapping, map reading, artifact collection, and interpretation. The course will meet Monday through Friday, all day, and potentially require living away from campus for 4 or 6 weeks, depending upon the archaeological project being undertaken. This course is often a requirement for graduate programs specializing in archaeology and/or for jobs in the cultural resource management field. Requires significant long-term physical activity in the outdoors. Lab and additional fees are required. Prerequisite: ANT 11200 and ANT 22500 and instructor and dean permission. Offered: intermittently.

#### **ANT 30900 - Archaeological Laboratory Methods (3-9)**

This class will provide students with supervised training in the basic archaeological laboratory methods associated with identification, data-entry, classification, interpretation, and curation. This course provides hands-on experience with both prehistoric and historical artifacts. The course is repeatable once for a total of nine credits. Prerequisite: ANT 22500 or ANT

30800 (or equivalent), or permission of the instructor. Offered: intermittently.

**ANT 31700 - Social and Cultural Change (3)**

(GE-CrsCl) An anthropological perspective of the prehistoric, historical, and contemporary global cultural changes in societies throughout the world. Prerequisite: junior standing and ANT 10000, ANT 11200, HIS 10000, or SOC 10200. Offered: intermittently.

**ANT 31800 - Race, Ethnicity, and Gender: A Global Perspective (3)**

(GE-CrsCl) This course focuses on patterns of race, ethnic, and gender relations throughout the world. Selected issues in contemporary race, ethnic, and gender relations in American society are examined. Prerequisite: junior standing and ANT 10000, ANT 11200 or SOC 10200. Offered: fall and spring semesters Cross Listed as SOC 31800.

**ANT 32400 - The Anthropology of Religion (3)**

(GE-CrsCl) This course is an introduction to the anthropological studies of religions throughout the world. The course begins with an introduction to how anthropologists define and study religion. The course presents the ethnographic research by cultural anthropologists on indigenous religions including shamanism, and witchcraft, along with the current trends within the Great World religions including Judaism, Catholicism, Protestantism, Islam, Hinduism, Buddhism, and the New Age traditions. Prerequisite: junior standing and ANT 10000, ANT 11200, SOC 10200, or REL 15000. Offered: spring semester of odd numbered years.

**ANT 32700 - Environmental Anthropology (3)**

(GE-SocSci/CrsCl) Environmental Anthropology is the study of the interaction between humans and the environment in which they live. In this course, both culture and biology are used in comparative, cross cultural study of human adaptation to the varied environments around the world. Prerequisite: junior standing and ANT 10000, ANT 11200, or SOC 10200. Offered: fall semester of even years only.

**ANT 33700 - Anthropology of Migration (3)**

(GE-SocSci/CrsCl) This course is a holistic, cross-cultural, anthropological examination of human migration worldwide. Topics include the economic, political, and social forces that encourage migration, the challenges associated with this movement, personal and social identity of migrants at home and abroad, and the broader outcomes of migration. Prerequisite: junior standing and ANT 10000, ANT 11200, GEO 20300, or SOC 10200. Offered: intermittently.

**ANT 35000 - Introduction to Cultural Resource Management (3)**

The field of Cultural Resource Management (CRM) employs the majority of archaeologists in the United States. Job prospects in this field are significantly higher than other areas of employment in anthropology. The CRM field also employs historians, architectural historians, folklorists, ethnographers, soil specialists, GIS technicians, writers, and graphic artists, among others. This course introduces students from many disciplines to this field. It will cover the advent of CRM, legal aspects of compliance work,

interaction and ethical considerations with clients, basic archaeological survey and field techniques, project budgets, project management, project review, and CRM job prospects. While the focus of this course is archaeological, students from other disciplines will find many applications. Prerequisite: ANT 22500. Offered: intermittently.

**ANT 40500 - Historical Archaeology (3)**

This course introduces students to the sub-discipline of Historical Archaeology. This course explores recent theoretical, methodological, and thematic developments in historical archaeology in North America. Topics concern the time period of approximately 1500 through 1900 and the material culture of Euro-Americans in North America. Students will examine how historical archaeologists use artifacts, historical documents, and other historical evidence in interpreting the recent past, and how historical archaeology uses material culture and historical documentation to study recent populations and issues such as class, gender, and ethnic identities. Prerequisite: ANT 22500 or HIS 20300 and completion of WPA or ENGL 21000. Offered: intermittently.

**ANT 42000 - Sociocultural Theory (3)**

This course is an introduction to the history and current developments in anthropological and sociological theory. The emphasis is on European and American theorists who had a strong impact on contemporary anthropology and sociology. Prerequisite: junior standing and ANT 11200 or SOC 10200, and completion of WPA or ENGL 21000. Offered: spring semester of even numbered years. Cross-Listed as: SOC 42000. Cross Listed as SOC 42000.

**ANT 45000 - Internship in Anthropology (3-9)**

Students will do an internship with an anthropological focus. Prerequisite: ANT 11200, ANT 22500, ANT 31800, junior standing, and completion of WPA or ENGL 21000. Offered: intermittently.

**ANT 46000 - Anthropological Capstone: Careers in Anthropology (1)**

Required of all Anthropology majors, this course is taken in the student's senior year. Students will be offered the opportunity to explore and learn about the many sub-disciplines of anthropology and focus on the requirements of possible career paths. A specific sub-discipline shall be chosen to write a prospectus paper about a possible career. Prerequisite: ANT 42000, completion of WPA or ENGL 21000 and permission of the dean. Offered: intermittently.

**ART - Art**

**ART 10000 - Fundamentals of Drawing and Design (3)**

(GE-Fine Art) This course for non-arts majors focuses on the skills required for communicating through two-dimensional images. Drawing issues, such as space, linear perspective, value, texture and scale, are investigated, along with design issues, including unity, emphasis, balance, repetition, and shape. Demonstration of skills will be accomplished in and out of class through drawings and other studio projects. Offered: fall and spring semesters.

**ART 10600 - Two-Dimensional (2-D) Design (3)**

This is an introductory course in the elements of design applied to a two-dimensional surface. The course will address the variables of these elements as applied to a flat surface; also, the differences in how these variables can positively affect the dynamics of surfaces will be explored. Offered: fall and spring semesters.

**ART 10800 - Color Theory (3)**

This course is a study of the properties of color and the optical effects in perception. The application of color theory through design problems using various media will be studied. Studio fee may be required. Offered: fall and spring semesters.

**ART 12000 - Introduction to Graphic Design (3)**

This course familiarizes students with the fundamentals of graphic design. It emphasizes the design process; developing an idea from thumbnail sketch, through tight roughs, to a comprehensive design. It also focuses on the importance of presentation, industry standards and professional tools and techniques. Students will be introduced to software applications that are used in the visual communications industry. Studio fee required. Offered: fall and spring semesters.

**ART 13000 - Drawing I (3)**

This is an introductory course in drawing in varied media. Problems in rendering objects, perspective, space, light, and composition are presented. Offered: fall and spring semesters.

**ART 13600 - Three-Dimensional (3-D) Design (3)**

(GE-Fine Art) This course offers an exploration of three-dimensional space and design. Problems in the additive and subtractive processes will be presented including: open and closed space, mass, and volume. Basic fabrication skills will be covered. Sketchbooks required. Studio fee required. Prerequisite: ART 10600 Offered: fall and spring semesters.

**ART 18100 - Analog Photography I (3)**

(GE-Fine Art) This course is an introduction to analog photography, including producing and printing black and white photographs. Basic camera and composition skills are covered, along with an historical overview, materials and techniques. Students are required to have a 35mm SLR camera with flash and will need to buy film and photographic paper. Studio fee required. Offered: fall and spring semesters.

**ART 18101 - Digital Photography I (3)**

(GE-Fine Art) This is an introduction to digital photography and Photoshop. Basic camera and composition skills are covered, along with an historical overview, software options and techniques. Students are encouraged to have a digital SLR camera. Studio fee applies. Offered: fall and spring semesters.

**ART 20000 - Painting I (3)**

This is an introductory course in painting using varied media. Composition, rendering of forms, color theory and painting techniques will be studied. Prerequisite: ART 13000 Offered: fall and spring semesters.

**ART 21500 - Printmaking I (3)**

This course will cover the study of the principles and processes of four types of printmaking. Subjects such as Monotypes, Relief, Intaglio, and Serigraphy (silkscreen) will be covered. Studio fee

required. Prerequisite: ART 10600 and ART 13000 Offered: spring semester.

**ART 22100 - Sculpture I (3)**

This course will explore through sculptural processes (both traditional and innovative) including: form, scale, texture, and surface design will be. Basic techniques of molding, joining, casting, and fabricating will be studied. Studio fee required. Prerequisite: ART 13600 Offered: fall and spring semesters.

**ART 23400 - Fibers I (3)**

This course will explore basic fiber techniques, both traditional and innovative including: form, color, and surface design will be explored by means of Skills in designing and fabricating two and three-dimensional objects, dyeing, weaving, and basketry will be explored. Studio fee required. Prerequisite: ART 13600 Offered: spring semester.

**ART 24000 - Ceramics I (3)**

(GE-Fine Art) This course is an introduction to the investigation of clay as a medium for creating functional and sculptural forms. Techniques are taught in hand-building, glazing and firing. The historical aspect of ceramics, materials and basic glaze chemistry are covered through lectures, demonstrations, exhibits, and visual aids. This course is designed for art and non-art majors. Studio fee required. Offered: fall and spring semesters.

**ART 25000 - Typography (3)**

Through lectures, demonstrations, and studio projects, this course explores all aspects of typography (the visualization of spoken language). Student exercises include type as image and the relationship between visual and verbal language, the expressive characteristics of letterforms, and type design classifications. This course also explores type terminology, typographic grids, hierarchy, typographic design, and history. Lab fee required. Prerequisite: ART 10600 and ART 12000 or COM 33700 Offered: fall and spring semesters.

**ART 30000 - Painting II (3)**

This course is the advanced study of the painting discipline, including its history, processes, and innovations. Prerequisite: ART 20000 Offered: fall and spring semesters.

**ART 30600 - Digital Imaging (3)**

This course covers the production and manipulation of digital imagery. Projects will address visual problem-solving for commercial or fine art purposes. Topics such as scanning, masking, compositing, color correction, resolution requirements, and production practices will be covered. File formats, techniques, and tools used in the graphic design field are emphasized. Imagery will be created for printed and screen use. This class will utilize lecture, demonstration, discussion, and hands-on experiences. Lab fee required. Prerequisite: ART 25000 Offered: fall and spring semesters.

**ART 30800 - Digital Illustration (3)**

This course addresses the concepts and techniques necessary to create illustrations for print, web, and multimedia applications. Students learn a graphic and conceptual approach to illustration through demonstrations and projects, which build on the existing knowledge of design and drawing. Projects range from business

and information graphics to editorial, advertising, and technical illustration. Creativity, content, communication, and technical proficiency are emphasized. Lab fee required. Prerequisite: ART 25000 Offered: fall and spring semesters.

**ART 31000 - Print Design and Production (3)**

This course focuses on the design and production of printed material. Professional graphic design and pre-press production practices are emphasized. This computer studio course will include the study of typography, page design, and page anatomy. The use of links and paper selection will be discussed. Aspects of working with long documents will also be explored, including grid design, master pages, and character/ paragraph styles. At the conclusion of this class, the student will be able to conceptualize, design, and produce projects for a wide variety of pre-press demands. Additional topics may include preparing projects for screen-based and paper-based distribution and building self-contained high and low resolution files. Lab fee required. Prerequisite: ART 25000 or COM 30500 Offered: fall and spring semesters.

**ART 31500 - Printmaking II (3)**

This course is an advanced study of the printmaking discipline, including its history, processes, and innovations. Students are expected to participate in the day to day operations of the printmaking studio. Studio fee required. Prerequisite: ART 21500 Offered: intermittently.

**ART 32000 - Sculpture II (3)**

This course is an advanced study of the sculpture discipline, including its history, processes, and innovations. Students are expected to participate in the day to day operation of the sculpture studio. Studio fee required. Prerequisite: ART 22100 Offered: intermittently.

**ART 32200 - Motion Graphics (3)**

This course introduces time as a design element and surveys the potential applications for motion in visual communication. Students will be exposed to the basic principles of animation and motion graphics, and develop the technical skills to apply these principles using industry standard software. Projects will integrate graphic form, typography, and message with movement, time, sequence, and sound. Lab fee required. Prerequisite: ART 30600 or COM 20200 Offered: fall and spring semesters.

**ART 33000 - Drawing II (3)**

This course is an advanced study of the drawing discipline in various media, including its history, processes, and innovations. Prerequisite: ART 13000 Offered: fall and spring semesters.

**ART 33100 - Figure Drawing I (3)**

This course is a study of drawing techniques and fundamentals of anatomical structure as related to the human form. Most work is completed from direct observation of the nude human figure. Studio fee required. Prerequisite: ART 13000 Offered: fall and spring semesters.

**ART 33400 - Fibers II (3)**

This course is an advanced study of the fibers discipline, including its history, processes, and innovations. Students are expected to participate in the day to day operations of the fibers

studio. Studio fee required. Prerequisite: ART 23400 Offered: intermittently.

**ART 34000 - Ceramics II (3)**

This class explores the use of clay as a three-dimensional medium. Class projects are both functional and sculptural in nature, allowing the student to refine skills in wheel-throwing, hand-building, kiln firing, and more advanced glaze formulation. Studio fee required. Prerequisite: ART 24000 Offered: fall and spring semesters.

**ART 35000 - Analog Photography II (3)**

This course is an advanced study of photographic techniques and principles, including nontraditional photographic techniques, the Zone system for 35 mm, toning and bleaching prints, lighting and electronic printing style. Repeatable for credit. Students are required to have a 35 mm SLR camera with flash, photographic paper, and film. Studio fee required. Prerequisite: ART 18100 Offered: spring semester.

**ART 35001 - Digital Photography II (3)**

This course is an advanced study of digital photographic techniques and principles. Students are required to have a digital camera of minimum 6 mp and a flash drive. Studio fee required. Prerequisite: ART 18101 Offered: intermittently.

**ART 38600-38699 - Special Topics (1-3)**

Special topics in studio art and design. May be repeated as topics vary. Lab or studio fee may be required. Prerequisite: ARTH 22200 and ARTH 22400 or permission of dean. Offered: intermittently.

**ART 38700-38799 - Special Topics (1-3)**

(GE-CrsCl)Special topics in studio art and design. May be repeated as topics vary. Lab or studio fee may be required. Prerequisite: ARTH 22200 and ARTH 22400 or permission of dean. Offered: intermittently.

**ART 38800-38899 - Special Topics (1-3)**

(GE-Fine Art)Special topics in studio art and design. May be repeated as topics vary. Lab or studio fee may be required. Prerequisite: ARTH 22200 and ARTH 22400 or permission of dean. Offered: intermittently.

**ART 40000 - Senior Seminar (3)**

This capstone course is designed to help the student develop an art career through an acquired awareness of his/her own creative direction. Verbal and written articulation of related artistic theories and ideas is the primary focus. Career related topics such as exhibition design and presentation, artwork documentation, resume and self-promotion development, legal and financial basics, etc. are interspersed with theory. Students must enroll in this course during the fall semester of their senior year. Prerequisite: Senior standing. Offered: fall semester.

**ART 40100 - Painting III (3)**

This course is an advanced study of the painting discipline, including its history, processes, and innovations. Prerequisite: ART 30000 Offered: intermittently.



**ART 40200 - Painting IV (3)**

This course is the advanced study of the painting discipline, including its history, processes, and innovations. Prerequisite: ART 40100 Offered: intermittently.

**ART 41500 - Printmaking III (3)**

This course is an advanced study of the printmaking discipline, including its history, processes, and innovations. Students are expected to participate in the day to day operations of the printmaking studio. Studio fee required. Prerequisite: ART 31500 Offered: intermittently.

**ART 41510 - Printmaking IV (3)**

This course is an advanced study of the printmaking discipline, including its history, processes, and innovations. Students are expected to participate in the day to day operations of the printmaking studio. Studio fee required. Prerequisite: ART 41500 Offered: intermittently.

**ART 41800 - Graphic Design Portfolio (3)**

This course prepares graphic design seniors to enter the workforce through advanced use of design applications to produce professional, portfolio-worthy artwork. Student portfolios will showcase a unique style and demonstrate overall conceptual abilities and technical competencies. Professional design practices will be stressed. Lab fee required. Prerequisite: ART 31000 and COM 33400 Offered: fall semester.

**ART 41900 - Graphic Design Studio (3)**

This course is a continuation of ART 41800. In conjunction with portfolio design, students will investigate the legal and business issues affecting graphic designers today, including topics such as freelancing, pricing, estimating, invoicing, and copyright. Case studies and role-playing will be used to strengthen professional conduct and introduce best practices. Emphasis will be placed on the designer-client relationship. Lab fee required. Prerequisite: ART 41800 Offered: spring semester.

**ART 42000 - Sculpture III (3)**

This course is an advanced study of the sculpture discipline, including its history, processes, and innovations. Students are expected to participate in the day to day operations of the sculpture studio. Studio fee required. Prerequisite: ART 32000 Offered: intermittently.

**ART 42100 - Sculpture IV (3)**

This course is an advanced study of the sculpture discipline, including its history, processes, and innovations. Students are expected to participate in the day to day operations of the sculpture studio. Studio fee required. Prerequisite: ART 42000 Offered: intermittently.

**ART 43000 - Drawing III (3)**

This course is an advanced study of the drawing discipline in various media, including its history, processes, and innovations. Prerequisite: ART 33000 Offered: intermittently.

**ART 43100 - Drawing IV (3)**

This course is an advanced study of the drawing discipline in various media, including its history, processes, and innovations. Prerequisite: ART 43000 Offered: intermittently.

**ART 43200 - Figure Drawing II (3)**

This course is an advanced study of drawing techniques and anatomical structure as related to the human form. Most work is completed from direct observation of the nude human figure. Studio fee required. Prerequisite: ART 33100 Offered: intermittently.

**ART 43300 - Figure Drawing III (3)**

This course is an advanced study of drawing techniques and anatomical structure as related to the human form. Most work is completed from direct observation of the nude human figure. Studio fee required. Prerequisite: ART 43200 Offered: intermittently.

**ART 43400 - Fibers III (3)**

This course is an advanced study of the fibers discipline, including its history, processes, and innovations. Students are expected to participate in the day to day operations of the fibers studio. Studio fee required. Prerequisite: ART 33400 Offered: intermittently.

**ART 43410 - Fibers IV (3)**

This course is an advanced study of the fibers discipline, including its history, processes, and innovations. Students are expected to participate in the day to day operations of the fibers studio. Studio fee required. Prerequisite: ART 43400 Offered: intermittently.

**ART 44000 - Ceramics III (3)**

This course is an advanced study of the ceramics discipline, including its history, processes, and innovations. Students are expected to participate in the day to day operations of the ceramic studio. Studio fee required. Prerequisite: ART 34000 Offered: intermittently.

**ART 44100 - Ceramics IV (3)**

This course is an advanced study of the ceramics discipline, including its history, processes, and innovations. Students are expected to participate in the day to day operations of the ceramic studio. Studio fee required. Prerequisite: ART 44000 Offered: intermittently.

**ART 46000 - Exhibition (3)**

This course is only for students working toward the BFA. Enrollment in this class is required during the term in which candidates mount their exhibition and complete their thesis. Prerequisite: Senior standing and ART 40000 or permission of dean. Offered: fall and spring semesters.

**ART 46500 - Art Internship (3-6)**

Supervised work experience for the advanced student which requires the application of principles, skills, and strategies within the discipline. Requires signed internship agreement by student, faculty of record, and supervisor representing host organization. May be repeated for a maximum of six credit hours. Prerequisite: Junior standing, successful completion of the WPA or ENGL 21000, and permission of dean. Offered: fall and spring semesters.

**ARTH- Art History****ARTH 11000 - Concepts in the Visual Arts (3)**

(GE-Fine Art) This course for non-arts majors presents an introduction to artistic media, historical periods and movements, as well as, the roles of the artist and the viewer in its interpretation. Problems in observing artworks through an informed perspective, while appreciating the cultural value of such objects within societal norms, will be presented with the goal of engendering an interest, appreciation, and understanding of the fundamental elements of style and aesthetic development in the visual arts. Offered: fall and spring semesters.

**ARTH 22200 - History of Western Art to 1300 (3)**

(GE-Fine Art/CrsCl) This course is a historical survey of Western art and architecture from Prehistoric times to the end of the Middle Ages in 1300 with an emphasis on the relationship between art, society, culture, religion, and politics. Major works of art and architecture will be discussed from the Ancient Near East, Egypt, Greece-Rome, and finally the Middle Ages. This course is open to all students and required for all majors within the department of Art and Design. Offered: fall and spring semesters.

**ARTH 22400 - History of Western Art from 1300 (3)**

(GE-Fine Art/CrsCl) This course is a historical survey of Western art and architecture from the Renaissance to the present with an emphasis on the relationship between art, society, culture, religion, and politics. Major works of art and architecture will be discussed as a survey of major artistic movements from the fourteenth to the late twentieth century across Europe and America. This course is open to all students and is required for all majors within the department of Art and Design. Offered: fall and spring semesters.

**ARTH 22600 - History of Non-Western Art (3)**

(GE-Fine Art/CrsCl) This course examines the art and architecture of Asia, Oceania, Africa, the Middle East, and Native North and South America. This course offers an introductory survey of major non-Eurocentric cultures and movements and invites students to understand and interpret these in historical and visual contexts. Focusing on the issues of patronage, function and socio-political and religious significance of these non-Western works, an in-depth understanding of their place in the historical continuum shall be brought to bear.

**ARTH 35400 - Nineteenth-Century Art (3)**

(GE-CrsCl) This course is a study of art in Europe from the later eighteenth century to the early twentieth, focusing on the major works and movements, such as Neoclassicism, Romanticism, Realism, Impressionism, and Post-Impressionism. Emphasis shall be paid to the relationship between art, politics, religion and culture in order to examine, in depth, the emergence of modernism. Prerequisite: ARTH 22200 and ARTH 22400 or permission of dean. Offered: intermittently.

**ARTH 35600 - Baroque Art (3)**

(GE-CrsCl) This course is a study of the developments in Europe from 1600 to 1750 in Italy, France, Spain, Flanders and Holland. Major works and monuments shall be discussed, such as the completion of New St. Peter's and the palace of Versailles; as well

as major artists, such as Caravaggio, Bernini, Rubens, Rembrandt and Velázquez, focusing on the relationship between art, society, culture, religion and politics. Prerequisite: ARTH 22200 and ARTH 22400 or permission of dean. Offered: intermittently.

**ARTH 35700 - Ancient Art (3)**

(GE-CrsCl) This course is a study of the developments in art and architecture from the dawn of civilization to the early Middle Ages. Major monuments and works shall be covered in the Ancient Near East, Egypt, the Aegean, Greece, and Rome, including the great Ziggurats of Mesopotamia, the Pyramids at Giza, the Parthenon, Pantheon, and Coliseum. Emphasis shall be placed on the interrelationship of art, culture, religion and politics. Prerequisite: ARTH 22200 and ARTH 22400 or permission of dean. Offered: intermittently.

**ARTH 35800 - Medieval Art (3)**

(GE-CrsCl) This course is a study of European art from the fall of the Roman Empire in the fifth century through the end of the Middle Ages in 1400. Beginning with Early Christian and Byzantine art, the major periods, works and monuments shall be discussed including those in the Early Medieval era-Hiberno-Saxon, Carolingian and Ottonian-as well as the later Middle Ages and Romanesque and Gothic art, focusing on the relationship between art, society, culture, religion and politics. Prerequisite: ARTH 22200 and ARTH 22400 or permission of the dean. Offered: intermittently.

**ARTH 36100 - Twentieth-Century Art/Modern (3)**

(GE-CrsCl) This course is a study of the developments in Europe and America from the late nineteenth century through the Second World War. Major movements shall be discussed, including Fauvism, Expressionism, Cubism, Dada, and Surrealism, ending with Abstract Expressionism, emphasizing the relationships between art, culture, politics and religion. Prerequisite: ARTH 22200 and ARTH 22400 or permission of dean. Offered: intermittently.

**ARTH 36200 - Twentieth-Century Art/Contemporary (3)**

This course is a study of the developments in Europe and America from the Second World War to the Post-modern era. The development of contemporary art and the contributions made since Abstract Expressionism in the visual arts and architecture are examined, emphasizing the relationships between art, culture, politics and religion. Prerequisite: ARTH 22200 and ARTH 22400 or permission of dean. Offered: intermittently.

**ARTH 36300 - Early Modern Gender Studies (3)**

(GE-CrsCl) This course is a study of the issues relating to gender in the Renaissance and Baroque eras, including social constructions of gender roles both masculinities and femininities. Prerequisite: ARTH 22200 and ARTH 22400 or permission of dean. Offered: intermittently.

**ARTH 36401-36499 - Topics in Non-Western Art (3)**

(GE-CrsCl) This course is a study of select non-Eurocentric cultures and their art and architecture in their original contexts. Particular emphasis will be given to social, cultural, aesthetic, and political contexts in which artistic practices developed embodied in art forms from Asia, Oceania, Africa, the Middle East, Latin

America, and others. Prerequisite: ARTH 22200 and ARTH 22400; or ARTH 22600. Offered: intermittently.

**ARTH 36900 - History of Graphic Design (3)**

This course is the study of the history of graphic design from its appearance in prehistory to the present with an emphasis on the influence of technology, culture, major artistic movements, and socio-political factors on the evolution of graphic design. The work and philosophies of historically significant design movements, designers, and design firms will be studied in depth through readings, lectures, as well as technical application. Prerequisite: ARTH 22200 and ARTH 22400 or permission of dean. Offered: intermittently.

**ARTH 37200 - History of Costume to 1900 (3)**

This course is a study of social and cultural history and the resulting costumes worn by men, women, and children from primitive times to 1900. Emphasis is given to the ways in which politics, economics, and technology affected the changing silhouettes of each period. Offered: intermittently.

**ARTH 37300 - History of Costume from 1900 (3)**

This course is a study of social history and the resulting costumes worn by men, women, and children in the 20th and 21st centuries, focusing on the impact of cultural, political, and social changes. Emphasis is given to the ways in which politics, economics, and technology affected the changing silhouettes of each period, while exploring fashion and the psychology of dress in culturally diverse settings. Offered: intermittently.

**ARTH 38300 - Renaissance Art (3)**

(GE-CrsCl) This course is a study of painting, sculpture, and architecture of the Renaissance in Italy from 1300 to 1600. Beginning with late Medieval Art, the major periods, works and monuments shall be discussed including those of the Early Renaissance, High Renaissance and Late Renaissance, focusing on the relationship between art, society, culture, religion and politics. Prerequisite: ARTH 22200 and ARTH 22400 or permission of dean. Offered: intermittently.

**ARTH 38400 - Classical Myth (3)**

(GE-CrsCl) This course will investigate the Classical myths of ancient Greece and Rome in their cultural context. An overview of the principle myths shall be treated in order to discuss the relationship between myth and literature, and then the rather different relationship between myth and art, so as to understand better the nature of the sources for the myths and their use in Greco-Roman religion and epistemology. Prerequisite: ENGL 17000 and successful completion of the WPA or ENGL 21000 or permission of dean. Offered: every summer.

**ARTH 38600-38699 - Special Topics (1-3)**

Special topics in art history. May be repeated as topics vary. Course fee may be required. Prerequisite: ARTH 22200 and ARTH 22400 or permission of dean. Offered: intermittently.

**ARTH 38700-38799 - Special Topics (1-3)**

(GE-CrsCl)Special topics in art history. May be repeated as topics vary. Course fee may be required. Prerequisite: ARTH 22200 and ARTH 22400 or permission of dean. Offered: intermittently.

**ARTH 38800-38899 - Special Topics (1-3)**

(GE-Fine Art)Special topics in art history. May be repeated as topics vary. Course fee may be required. Prerequisite: ARTH 22200 and ARTH 22400 or permission of dean. Offered: intermittently.

**ARTH 38900 - Art Theory and Criticism (3)**

(GE-CrsCl) This course is a study of the major theoretical and critical lines of thought that have shaped understanding of the arts, their role in society, and their reception, use, and appreciation from antiquity to the present. Prerequisite: ARTH 22200 and ARTH 22400 or permission of dean. Offered: intermittently.

**ARTH 41000 - Research Methods of Art History (3)**

This capstone course seeks to introduce art history students to the methods of research and criticism applied to typical art-historical problems through familiarizing the student with bibliography, research tools and the approaches of different methodologies. Students will demonstrate proficiency in the canon of art via written examination, produce a methodological research paper and present their original research in an oral presentation. This course is required for all Art History majors. Prerequisite: Senior standing.

**ARTH 42000 - Directed Research (3)**

This independent research class allows students to develop a focused topic working closely with a faculty member to conduct research. Advanced research methods will be utilized to develop a thorough bibliography of primary, secondary and theoretical sources on the student's topic, often developing their capstone paper further. Prerequisite: Senior standing and permission of dean. Offered: intermittently.

**ARTH 46500 - Art History Internship (3-6)**

Supervised work experience for the advanced student which requires the application of principles, skills, and strategies within the discipline. Requires signed internship agreement by student, faculty of record, and supervisor representing host organization. May be repeated for a maximum of six credit hours. Prerequisite: Junior standing, successful completion of the WPA or ENGL 21000, and permission of dean. Offered: intermittently.

**AST-American Studies**

**AST 20100 - The American Promise (3)**

The course is a study of the American dream, American values, and the American experience as portrayed in essays, short stories, poems, plays, and films. The course directs students in examining a culturally diverse American society: goals Americans should try to achieve; assumptions about Americans; what happens when the dream is unfulfilled; what is the nature of the student's own dreams; and how can students attain their dreams. Selected readings will be from early colonial to present day American literature. Student written work will consist both of critical and creative writing. Prerequisite: Permission of dean Offered: intermittently.

**AST 20200 - Public History (3)**

This course is designed to introduce history majors, prospective history majors, and other interested undergraduates to career

possibilities in public history. The course studies the various ways in which historians work outside the classroom in arenas that allow their work to be read, seen, heard, and interpreted by popular audiences. This course will focus on five different but related areas: archives, museums, historic preservation, historic sites, and media. Students will study the history of each of these areas, the theories that support them, and some aspects of the work involved. In addition, students will study controversies and ethical problems that public historians have faced. Not open to students with credit in HIS 23300. Prerequisite: ENGL 17000 with a C or better or concurrent enrollment. Offered: intermittently.

### **AST 21200 - History of American Sports (3)**

This course will offer a survey of American sports history from the 19th century to the present. The class examines the origins of the major sports in the United States as well as a number of more minor ones. The class also examines the role of sports in American culture and society. Not open to students with credit in HIS 23200. Prerequisite: ENGL 17000 with a C or better or concurrent enrollment. Offered: intermittently.

### **AST 23000 - Immigrants to America (3)**

This course examines the various periods of immigration and the assimilation processes in the US, such as structural, external, internal, and creative assimilation as well as issues of dominant cultures using immigration history/theory and social and cultural history. Questions investigated will include the following: When did some of the post-colonial immigrants arrive and why did they come? Did they come for religious, political, or social reasons? Where did many of these immigrant groups settle? What problems did they face as new non-English speaking people? How did they keep their groups cohesive and retain some of their cultural traditions while assimilating into our culture. Prerequisite: Permission of dean Offered: intermittently.

### **AST 38103 - American Nature Writing (3)**

Students will study the strategies of nature writing. Students will cull a descriptive style and vocabulary from seasoned nature writers and visit sites to provoke or stimulate subject matter. The class members will discuss the importance of the genre and hone their own skills as they delve into the natural mysteries of the pristine areas such as the Boone Campus, Creve Coeur Lake, the Katie Trail, and other possible local areas. This course is especially attractive to those who wish to elevate their perceptions and become one with nature, away from the noise, hubbub, and restrictions of a traditional classroom. Prerequisite: ENGL 17000 with a grade of C or better and permission of dean Offered: intermittently.

## **AT - Athletic Training**

### **AT 22100 - Medical Terminology (3)**

This course is designed to educate the student in medical terminology in preparation for a career in the healthcare field. Upon completion of the course, students will have a solid foundation in anatomical and medical terminology with the skills necessary to utilize medical terminology with a large vocabulary, including knowledge of prefixes, suffixes, and abbreviations. Lab fee required. Offered: fall and spring semesters.

### **AT 22200 - Introduction to Ergonomics (3)**

This course is designed to provide the student with the knowledge and skills to identify ergonomic issues in the home, school, and workplace that can cause musculoskeletal disorders and repetitive strain injuries. Offered: J-Term only.

### **AT 28000 - Introduction to Athletic Training Lab (1)**

This course is designed to develop taping skills of both upper and lower extremity, and introduce students to first aid and basic wound care, splinting and bandaging, crutch fitting and therapeutic modalities. Taken with AT 28500. Lab fee applies. Offered: fall and spring semesters.

### **AT 28300 - Clinical Experience I (3)**

This is an introductory course in athletic training with emphasis on what it takes to become an athletic trainer. The student, under the direct supervision of a Staff Certified Athletic Trainer, will complete 165 hours of game and practice observation and athletic training room responsibilities as part of the pre-requisites for the Athletic Training Education Program (ATEP). This clinical experience must be completed prior to formal admission into the ATEP. Lab fee required. Offered: fall and spring semesters.

### **AT 28500 - Introduction to Athletic Training (3)**

This is an introduction course in athletic training with emphasis on current practices in Athletic Training and Sports Medicine. The course will concentrate on techniques used in prevention, treatment, and recognition of injuries. Not open to students with credit in HFS 20400. Offered: fall and spring semesters.

### **AT 30100 - Therapeutic Exercise and Rehabilitation of Athletic Injuries (3)**

This course will study the ways therapeutic exercise can be applied to the treatment of various athletic injuries including modes of strengthening, flexibility improvement, facilitation techniques, post-operative exercises, muscles testing, and functional activities. This course is taken in conjunction with AT 38000. Prerequisite: BSC 22800 or EXS 28500, PE 31500 or EXS 31500, or EXS 31600. Offered: spring semester.

### **AT 30200 - Assessment of Athletic Injuries-Lower Body (3)**

This course will study the mechanism of injuries and specific orthopedic evaluation to determine injury pathology found in lower body injuries in athletics. Mechanism of injury, history, observation and palpation of injuries, range of motion, strength testing, and special testing will all be covered. Taken in conjunction with AT 38100. Prerequisite: Acceptance into Athletic Training Education Program. Offered: fall semester.

### **AT 30300 - Assessment of Athletic Injuries-Upper Body (3)**

This course will study the mechanism of injuries and specific orthopedic evaluation to determine injury pathology found in upper body injuries in athletics. Mechanism of injury, history, observation and palpation of injuries, range of motion, strength testing, and special testing will be covered. Taken in conjunction with AT 38200. Prerequisite: AT 30200, AT 38100. Offered: spring semester.

### **AT 30400 - Therapeutic Modalities (3)**

This class includes review of physiological and psychological responses to injury and the theory and application of

hydrotherapy, electrotherapy, thermotherapy, cryotherapy, and manual and mechanical techniques for the prevention and care of athletic injuries. The knowledge and implementation of treatment protocol will also be challenged. Taken in conjunction with AT 38600. Prerequisite: AT 30200, AT 38100. Offered: spring semester.

**AT 30700 - Foot Orthosis: Casting and Fabrication (3)**

Students will learn the biomechanical reasons and diagnoses that require orthotics to be prescribed and the basics of biomechanical evaluations. Students will be exposed to step-by-step procedures of casting, constructing and grinding of a foot orthosis. Lab fee required. Prerequisite: 2 sciences, sophomore standing. Offered: J-Term.

**AT 37900 - Current Topics in Athletic Training (1)**

This course will provide the athletic training student with the clinical education and background needed to administer an athletic training program and appropriate coverage for a collegiate football team, as well as various other athletic events. Students will be required to complete a season-long internship with the university football team in completion of this course. Classroom discussion topics will include calculating inventory, developing a product supply order, record keeping, pre-competition physical examinations, appropriate medical coverage of events, prophylactic bracing/wrapping/padding, injury evaluations, modalities, and rehabilitation programs.

**AT 38000 - Therapeutic Exercise & Rehabilitation of Athletic Injuries Lab (2)**

This class is used to understand and perform the exercises used in rehabilitation for both upper and lower extremities as well as neck, torso and low back. Specific injuries and doctors protocols will be studied. Taken in conjunction with AT 30100. Lab fee required. Offered: spring semester.

**AT 38100 - Assessment of Athletic Injuries-Lower Body Lab (2)**

This course is designed to apply the clinical skills of taking a history, observation and palpation, and measuring range of motion, strength, and special tests of the lower body. Taken in conjunction with AT 30200. Lab fee required. Offered: fall semester.

**AT 38200 - Assessment of Athletic Injuries-Upper Body Lab (2)**

This course is designed to apply the clinical skills of taking a history, observation and palpation, and measuring range of motion, strength, and special tests of the upper body. Taken in conjunction with AT 30300. Lab fee required. Offered: spring semester.

**AT 38300 - Clinical Experience II (3)**

This course is designed to assist students in becoming proficient in various taping/bandaging techniques commonly used in the athletic training profession. Students will further their knowledge of taping techniques for both upper and lower extremities and will develop proficiency in first aid and wound care, splinting, bandaging, crutch fitting, and administering therapeutic modalities. Students will be assigned a clinical rotation with an athletic team to complete 165 hours and all necessary

competencies and proficiencies under the supervision of a preceptor. Lab fee required. Prerequisite: Completion of AT 28000, AT 28300, AT 28500, and HFS 16000 with a C or better. Offered: fall semester.

**AT 38400 - Clinical Experience III (3)**

This course is designed to expose the student to experiences common in the field of practice as athletic training professionals. The course will provide an opportunity to the student to demonstrate clinical proficiency in the areas of injury prevention, assessment, and management for pathologies of the lower body. Students will be assigned a clinical rotation with an athletic team to complete 165 hours and all necessary competencies and proficiencies under the supervision of a preceptor. Lab fee required. Prerequisite: Good academic and clinical standing within the Athletic Training Education Program. Completion of AT 30200, AT 38100, and AT 38300 with a C or better. Offered: spring semester.

**AT 38500 - Clinical Experience IV (3)**

This course is designed to expose the student to experiences common in the field of practice as athletic training professionals. The course will provide an opportunity to the student to demonstrate clinical proficiency in the areas of injury prevention, assessment, and management for pathologies of the upper body. Students will be assigned a clinical rotation with an athletic team to complete 165 hours and all necessary competencies and proficiencies under the supervision of a preceptor. Lab fee required. Prerequisite: Completion of AT 30300, AT 38200, and AT 38400 with a C or better. Offered: fall semester.

**AT 38600 - Therapeutic Modalities Lab (1)**

This course is designed to identify how to utilize therapeutic modalities most effectively in order to prepare the athletes for a quick and safe return to their sport. Therapeutic modalities covered in lab consist of cryotherapy, thermotherapy, electrical stimulation, ultrasound, diathermy, massage, and cold laser therapies. This course is taken in conjunction with AT 30400. Prerequisite: AT 30200, AT 38100. Lab fee required. Offered: spring semester.

**AT 38700 - Football Experience (1)**

This course will provide the athletic training student with the clinical education and background needed to administer an athletic training program and appropriate coverage for a collegiate football team, as well as various other athletic events. Students will be required to complete a season-long internship with the university football team in completion of this course. Classroom discussion topics will include calculating inventory, developing a product supply order, record keeping, pre-competition physical examinations, appropriate medical coverage of events, prophylactic bracing/wrapping/padding, injury evaluations, modalities, and rehabilitation programs. Lab fee required. Prerequisite: AT 30300, AT 38200, junior standing. Offered: fall semester.

**AT 42700 - ACES/BOC Preparation Course (3)**

Course is designed to prepare senior-level athletic training students for the ACES Preparatory Workshop and the Board of Certification examination. Class will focus on improving

studying skills, improving test-taking techniques and critical thinking skills, and reviewing information within the six domains of the athletic training education program.

**AT 42800 - Clinical Experience V (3)**

This course is designed to expose the student to experiences common in the field of practice as athletic training professionals. The course will provide an opportunity to the student to demonstrate clinical proficiency in the areas therapeutic modalities. Students must demonstrate the ability to select and appropriate modality for medical conditions commonly seen in the field of athletic training and understand the healing phase and its influence on modality selection, as well as indications, contraindications, and precautions for all modalities. Students will be assigned a clinical rotation with an athletic team to complete 165 hours and all necessary competencies and proficiencies under the supervision of a preceptor. Lab fee required. Prerequisite: Completion of AT 30400, AT 38600, AT 38500, BSC 22700 with a C or better. Offered: spring semester.

**AT 42900 - Clinical Experience VI (3)**

This course is designed to expose the student to experiences common in the field of practice as athletic training professionals. The course will provide an opportunity to the student to demonstrate clinical competency and proficiency in the areas therapeutic exercise and various aspects of rehabilitation, such as program design, implementation, and progression. Students must also demonstrate proficiency in the use of therapeutic rehabilitation tools, such as measurement tools and exercise equipment. Students will be assigned a clinical rotation with an athletic team to complete 165 hours and all necessary competencies and proficiencies under the supervision of a preceptor. Lab fee required. Prerequisite: Good academic and clinical standing within the Athletic Training Education Program. Completion of PE 31500 or EXS 31500, AT 42800, AT 30100, and AT 38000 with a C or better. Offered: fall semester.

**AT 43100 - Organization and Administration of Athletic Training (3)**

This course examines the various policies and procedures involved with the administration of athletic training. Studies include facility organization and design, legal liability, personnel management, equipment, maintenance, budgeting, recordkeeping, health-care services, counseling, and public relations. Prerequisite: senior standing. Offered: fall semester.

**AT 43200 - Pharmacology (3)**

In this course, students will develop an understanding of basic pharmacology, terminology, pharmacokinetics, pharmacodynamics, and administration of drugs and their application within the profession of athletic training. Topics will include the mechanism of action, side effects, drug interactions, indications, and contraindications of a wide spectrum of drugs that one may encounter while working in the athletic training profession. Specific discussions will also focus on the effects of drugs on physical activity, commonly used ergogenic aids and other supplements, the current list of banned substances in athletic organizations, and drug testing procedures. Prerequisite: junior standing. Offered: spring semester.

**AT 43300 - Pathology of Non-Orthopedic Injuries and Illness (3)**

This course prepares the athletic training student for assessing and managing non-orthopedic injuries and illnesses that one may encounter while working in the athletic training profession. The course will focus on the etiology, signs and symptoms, pathological course, treatment, and prognosis of various conditions, such as pathological conditions of the skin, eyes, ears, nose, and throat. Other areas of discussion will include pathological conditions pertaining to the following systems: respiratory, cardiovascular, endocrine, genitourinary, and neurological. This course is taken in conjunction with AT 43600. Prerequisite: AT 30300 and AT 38200. Offered: fall semester.

**AT 43600 - Pathology of Non-Orthopedic Injuries & Illnesses Lab (1)**

This course is designed to provide the students with the necessary skills to conduct a thorough general medical examination. Focus will be placed on collecting an adequate history, understanding the need for specific observations, performing necessary palpations, and properly utilizing diagnostic tools such as an otoscope, ophthalmoscope, stethoscope, blood glucose meters, peak flow meters, urinalysis strips, reflex hammers, and various other pieces of equipment. Students will research other types of diagnostic testing not typically performed within the athletic training environment such as various types of radiology, tissue samples, cultures, blood tests, and endoscopic tools and will understand conditions in which these tests may be indicated. Students will also be exposed to mock practicals to evaluate their skills on developing a differential diagnosis. This course is taken in conjunction with AT 43300. Lab fee required. Prerequisite: AT 30300 and AT 38200. Offered: fall semester.

**AT 43800 - Senior Seminar (1)**

Students will discuss their experiences received during their internships provided in their Athletic Training Integrating Experiences. Students will also be responsible for input into the case studies the other students present. Prerequisite: senior standing. Offered: fall semester.

**AT 43900 - Athletic Training Integrating Experience (3)**

Students will apply the skills and competencies they have learned by doing internships at three different athletic training settings. These settings will be traditional and non-traditional. Prerequisite: senior standing. Offered: Spring and fall semesters.

**BSC - Biological Sciences BSC 10000 - Concepts in Biology (4)**

(GE-BioSci) This course examines mechanisms of evolution, cellular biology, genetics, and ecology with emphasis on scientific methods, historical developments, current applications, and ethical issues. Laboratory activities reinforce classroom learning. Lab fee required. Offered: fall and spring semesters.

**BSC 10700 - Human Biology (3)**

(GE-BioSci) This course studies human physiological and anatomical systems as they apply to health, disease, and social interactions. Offered: fall and spring semesters.

**BSC 11000 - Principles in Biology (3)**

(GE-BioSci) This course examines mechanisms of evolution, cellular biology, genetics, and ecology with emphasis on scientific methods, historical developments, current applications, and ethical issues. Offered: intermittently.

**BSC 11100 - Introductory Lab Techniques in Biology (3)**

This is a hands-on study of the basic techniques of biological experimentation such as microscopy, reagent preparation, chromatography, electrophoresis, spectro photometry and centrifugation. Lab fee required. Offered: intermittently.

**BSC 11200 - Environmental Biology (4)**

(GE-BioSci) For non-majors, this course is a study of the biological systems comprising the biosphere and those perturbations which would threaten homeostasis of the systems. Lab fee required. Offered: fall and spring semesters.

**BSC 11400 - Principles of Environmental Biology (3)**

(GE-BioSci) For non-science majors, this course is a study of the biological systems comprising the biosphere and those perturbations which would threaten homeostasis of the systems. Offered: intermittently.

**BSC 11500 - Environmental Biology Laboratory (1)**

(GE-BioSci) This course must be taken concurrently with BSC 11400. The course includes hands-on activities in both field and classroom settings that complement the topics covered in BSC 11400. Lab fee required. Offered: intermittently.

**BSC 12100 - Nutrition (3)**

(GE-BioSci) This course is a study of nutrition emphasizing food molecules, their metabolic value and daily allowances. The importance of informed nutritional choices and their effects on health will also be examined. Offered: fall and spring semesters.

**BSC 22700 - Human Anatomy and Physiology I (4)**

(GE-BioSci) This course is a study of structure and function in the human body, including the following systems: integumentary, skeletal, muscle, endocrine, nervous, and sensory. Lab fee required. Prerequisite: C or higher in CHM 10000 or CHM 23000 or CHM 23100, and C or higher in BSC 10000 or BSC 24400. Offered: fall and spring semesters.

**BSC 22800 - Human Anatomy and Physiology II (4)**

This course is a study of structure and function in the human body, including the following systems: respiratory, cardiovascular, excretory, digestive, reproductive, and immune. Lab fee required. Prerequisite: C or higher in CHM 10000 or CHM 23000 or CHM 23100, and C or higher in BSC 10000 or BSC 24400, and C or better in BSC 22700. Offered: fall and spring semesters.

**BSC 23000 - Microbiology for Health Sciences (4)**

This course examines microorganisms as they relate to human health and disease. Students will learn the cell structure, growth, and genetics of microorganisms in general, and the pathogenesis of specific microorganisms. The function of the immune system and the effectiveness of antibiotic agents will also be covered. Laboratory investigations will include safety, basic procedures, aseptic technique, isolation, growth and identification of microorganisms, and inquiry into the effect of antibiotics on

growth of bacteria and the development of antibiotic resistance. Lab fee required. Prerequisite: C or higher in BSC 10000 or BSC 24400 & CHM 10000 or CHM 23000. Offered: fall semester.

**BSC 24000 - Introduction to Biological Diversity (4)**

(GE-BioSci) This course will be a study of basic biological principles related to the diversity of living organisms and their development. Topics covered will include taxonomy, morphology, life cycles, and developmental relationships among the prokaryotes, protists, fungi, plants, and animals. Lab fee required. Offered: fall and spring semesters. Prerequisite: Placement into MTH 15100 or higher Offered: fall and spring semesters.

**BSC 24400 - Introduction to Cellular and Molecular Biology (4)**

(GE-BioSci) This course introduces students to the scientific concepts of biologically important molecules, cell structure/function, Mendelian and molecular genetics. Lab activities will reinforce lecture concepts, introduce techniques, and model modern scientific inquiry. Lab fee required. Prerequisite: C or higher in CHM 23000 or CHM 23100. Offered: fall and spring semesters.

**BSC 24800 - Introduction to Ecology and Evolution (4)**

This course will study the basic biological principles related to the diversity of living organisms and their environment. Topics covered will include evolution and the ecological relationships among the prokaryotes, protists, fungi, plants, and animals. Lab fee required. Prerequisite: C or higher in BSC 24000. Offered: Every semester

**BSC 26300 - Environmental Policy (3)**

This course is an introduction to the development of environmental policy in the US and the role of international law. Included is an examination of development and implementation of environmental regulations, conservation and municipal management and environmental impacts of regulation. Prerequisite: C or higher in BSC 24800 or BIO 25200. Offered: intermittently.

**BSC 28000 - Introduction to Clinical Laboratory Science (3)**

This course introduces students to the laboratory procedures and subject matter of clinical laboratory science. Taught at St. John's Mercy Medical Center. Prerequisite: C or higher in CHM 23200 and BSC 40400, and permission of the instructor and the dean. Offered: spring semester.

**BSC 28500 - Methods and Writing for Biology (1)**

Students will be introduced to online literature searching, the keeping of a laboratory notebook, experimental design and analysis, scientific writing, and options for conducting undergraduate research. Prerequisite: C or higher in BSC 24000. Offered: fall and spring semesters.

**BSC 32000 - Plant Biology (4)**

This lecture and laboratory course examines concepts in cell biology, energy transformation, genetics, evolution, ecology, anatomy, reproduction, and taxonomic characteristics of plants. Lab fee required. Prerequisite: C or higher in BSC 24400 and either BSC 24800 or BIO 25200. Offered: spring semester.

**BSC 32400 - Animal Biology (4)**

This course is a general introduction to the form, function and biodiversity of animals, emphasizing major animal phyla and classes, their evolution, systematics, structure and function, life history, behavior, ecology and conservation. Lab fee required. Prerequisite: C or higher in BSC 24400, and either BSC 24800 or BIO 25200 Offered: fall semester.

**BSC 32900 - Human Physiology (4)**

This course is an intensive study of the function and interactions of the systems of the human body and will also discuss common disease mechanisms in humans. Lab fee required. Prerequisite: C or higher in BSC 24400 and CHM 23200. Offered: intermittently.

**BSC 33000 - Comparative Vertebrate Anatomy and Physiology (4)**

This course is a study of the structure and function of vertebrate organ systems from an evolutionary perspective. Lab fee required. Prerequisite: C or higher in BSC 32400. Offered: intermittently.

**BSC 33200 - Plant Physiology (4)**

This course is an in-depth examination of plant growth and development, including plant cells, biochemistry, development, and environmental physiology. Lab fee required. Prerequisite: C or higher in BSC 32000 and CHM 23200. Offered: intermittently.

**BSC 34300 - Invertebrate Zoology (4)**

A lecture and laboratory study of invertebrate animals, this course emphasizes natural history, ecology, behavior, anatomy, physiology, and phylogenetic relationships of the taxa. Lab fee required. Prerequisite: C or higher in BSC 32400. Offered: intermittently.

**BSC 34500 - Identification and Taxonomy of the Local Flora (3)**

This survey course examines the local flora with an emphasis on flowering plant taxonomy and includes field trips, lecture, and laboratory experience. Lab fee required. Prerequisite: C or higher in BSC 32000. Offered: intermittently.

**BSC 35100 - Field Studies in Taxonomy (3-5)**

Students in this course will study taxon of their choice. Work will include collection, identification, and preservation techniques. Lab fee required. Prerequisite: C or higher in BSC 32000 & BSC 32400. Offered: intermittently.

**BSC 35300 - Microbiology (4)**

This course relates major principles in biology to the microbial world. Primary emphasis is on prokaryotes and viruses. Both general and health-related applications of microbiology are studied to project microbiology into the clinical setting and emphasize its importance in healthcare. Laboratory activities will illustrate the procedures used in the isolation and identification of microbes, as well as the principles of asepsis and disinfection. Lab fee required. Prerequisite: C or higher in BSC 24000 and CHM 23200. Offered: intermittently.

**BSC 35800 - Parasitology (3)**

This lecture and laboratory course on parasites of importance to human health and economics emphasizes vectors, reservoirs, hosts, and those ecologic and epidemiologic factors associated

with disease transmission and prevention. Lab fee required.

Prerequisite: C or higher in BSC 24400 and either BSC 24800 or BIO 25200. Offered: intermittently.

**BSC 36200 - Advanced Environmental Biology (4)**

This course emphasizes analysis of environmental problems. Basic ecological principles are used to examine problems of human interactions with the ecosphere. Lab fee required.

Prerequisite: C or higher in BSC 24800 or BIO 25200, and BSC 28500. Offered: Fall semester odd numbered years.

**BSC 36600 - Field Biology (3)**

This course provides students interested in field biology with the necessary background and tools to carry out field research projects. Students learn to analyze and describe populations and communities of organisms and the environments in which they are found. Students learn to use mathematical and chemical procedures for analyzing data and samples. Lab fee required. Prerequisite: C or higher in BSC 24800 or BIO 25200, and MTH 24100. Offered: intermittently.

**BSC 37000 - Wetlands Ecology (4)**

This course is the study of wetland ecology, including functional and scale attribute, classification, restoration, conservation, and management. Students will learn identification of wetland plants and delineation techniques. Lab fee required. Prerequisite: C or higher in BSC 32000. Offered: intermittently.

**BSC 38500 - Medicinal Chemistry (3)**

The study of medicinal chemistry focuses on the design of new drugs. In order to design an effective therapeutic agent, the target must be defined and studied and a lead molecule must be selected then optimized for safety, efficacy, and pharmacokinetics. All of those steps will be examined in this course using current therapeutics and their discovery as case studies. Prerequisite: C or higher in BSC 24400 and CHM 36100. Offered: intermittently. Cross-Listed as: CHM 38500.

**BSC 40000 - Field Research (1-6)**

May be repeated. Prerequisite: C or higher in BSC 36600 and permission of the instructor and the dean. Offered: intermittently.

**BSC 40400 - Cell Biology (4)**

This course examines cellular and subcellular structure, organization, and function with emphasis on relationships between cell structure and the dynamics of the cell. Hands-on laboratory experiments strengthen understanding of these concepts. Lab fee required. Prerequisite: C or higher in BSC 24400 and CHM 23200. Offered: spring semester.

**BSC 40800 - Genetics (4)**

The course is a study of classical and modern genetics, including Mendelian inheritance, the genetic code, gene interactions, gene control, and population genetics. Lab fee required. Prerequisite: C or higher in MTH 24100 and either BSC 40400 or BSC 32000. Offered: fall semester.

**BSC 41300 - Immunology (3)**

This course introduces students to the role of blood cells in the defense of the human body. Cells and organs of the immune system, immune effect or mechanisms, and the immune system in



health and disease will be covered. Prerequisite: C or higher in BSC 40400. Offered: intermittently.

**BSC 41700 - Molecular Biology (4)**

This course covers the fundamental roles of nucleic acids and proteins, the molecular basis of the genetic code, and gene expression with special emphasis on current recombinant DNA and RNA technology. Laboratory experiments will focus on using plasmid vector systems to clone bacterial genes. Lab fee required. Prerequisite: C or higher in BSC 40800 and CHM 36200. Offered: intermittently.

**BSC 42200 - Biochemistry: Metabolism (4)**

This course will focus on understanding metabolic pathways and provide an in-depth examination of cellular energetic, enzyme mechanism and regulation, and metabolic disease. Methods for elucidating metabolic pathways and an introduction to literature in this field will also be covered. The laboratory portion of this course will combine molecular biology techniques and computer techniques for studying these topics. Lab fee required. Prerequisite: C or higher in CHM 36200 and either BSC 40400 or CHM 42100. Offered: spring semester of odd numbered years. Cross-Listed as: CHM 42200.

**BSC 42600 - Developmental Biology (4)**

This course examines general principles of animal development, including embryology, molecular phenomena of development, and the relationship between development and evolution. Lab fee required. Prerequisite: C or higher in BSC 32400 & BSC 40400. Offered: intermittently.

**BSC 46400 - Evolution (3)**

This course is an in-depth study of evolutionary theory and its implications throughout biology. Topics include Darwinian Natural Selection, mechanisms of evolutionary change, adaptation, and the history of life on earth. Prerequisite: C or higher in BSC 40800 and either BSC 24800 or BIO 25200, and senior standing. Offered: spring semester.

**BSC 46500 - General Ecology (4)**

This course is the study of ecology, including ecosystem dynamics, models of population growth and distribution, measurement of energy flow, and population dynamics. Lab fee required. Prerequisite: C or higher in MTH 24100, and either BSC 24800 or BIO 25200, and either BSC 32000 or BSC 32400. Offered: Fall semesters.

**BSC 48000 - Independent Research (1-6)**

May be repeated. Prerequisite: Permission of the instructor and the dean. Offered: fall and spring semesters.

**BSC 48500 - Biology Seminar (1)**

Required for all biology majors. Requires course fee. Prerequisite: Completion of WPA or ENGL 21000 plus 30 credit hours of BSC coursework and senior status. Offered: fall semester.

**BSC 48600 - Senior Synthesis (1)**

This is the capstone course for Biology majors. Students will assimilate information from prior coursework through a focus on contemporary research literature in biology. The course also includes an examination of career options for biology graduates.

Prerequisite: C or higher in BSC 48500 and completion of WPA or ENGL 21000. Offered: spring semester.

**CHI - Chinese**

**CHI 10100 - Elementary Mandarin I (3)**

(GE-ForLang) This course is an introduction to the history and the fundamentals of the unique pictographic language and its basic principles, with emphasis on practical daily life communication, Chinese character writing, and development of all four language skills: listening comprehension, speaking, reading, and writing. Offered: fall semester.

**CHI 10200 - Elementary Mandarin II (3)**

(GE-ForLang) This course continues the introduction to the history of the fundamentals of the unique pictographic language and its basic principles, with emphasis on practical daily life communication, Chinese character writing, and development of all four language skills: listening comprehension, speaking, reading, and writing. Prerequisite: CHI 10100 or permission of dean. Offered: spring semester.

**CHI 10300 - Chinese Culture (3)**

(GE-CrsClt) This course is designed to introduce students to various aspects of Chinese culture. Offered: intermittently.

**CHI 20100 - Intermediate Mandarin I (3)**

(GE-ForLang) This course reviews the syntax and pronunciation of Mandarin Chinese and offers continued practice in listening, comprehension, speaking, reading, and writing. Offered fall semester. Prerequisite: CHI 10200 or permission of dean. Offered: fall semester.

**CHI 20200 - Intermediate Mandarin II (3)**

(GE-ForLang) This course continues the study of the syntax and pronunciation of Mandarin Chinese and offers continued practice in listening, comprehension, speaking, reading and writing. Prerequisite: CHI 20100 or permission of dean. Offered: spring semester.

**CHI 25000 - Reading Contemporary Mandarin (3)**

This course is designed to develop and consolidate the listening, speaking, reading, and writing skills of the student. It aims to prepare the student to communicate fluently and appropriately, orally and in writing, in Chinese; demonstrate a familiarity with contemporary Chinese society through news articles; develop a perspective based on a critical understanding of the Chinese view of world events. Prerequisite: CHI 20200. Offered: fall semester.

**CHM - Chemistry**

**CHM 10000 - Concepts in Chemistry (4)**

(GE-PhysSci) This course is an examination of the principles of Chemistry, especially those which find application in the study of biology. Topics to be covered include atomic structure, chemical bonding, intermolecular forces, gas laws, solutions, and chemical energy. Laboratory work is included. Lab fee required. Offered: fall and spring semesters.

**CHM 10100 - The World of Chemistry (3)**

(GE-PhysSci) This course serves as a journey through the exciting world of chemistry. The foundations of chemical structures and their behaviors are explored through a combination

of lectures and videos. The emphasis will be on the understanding of the principles of chemistry and their application to items in our current daily experiences. This is a course for non-science majors. Offered: intermittently.

### **CHM 10500 - Chemistry in Society (3)**

(GE-PhysSci) This course provides a basis for understanding problems of global proportion facing societies in the coming millennium. Fundamental chemical concepts will provide an understanding of the role chemistry plays in the problems considered, and in their potential resolution or solution. Issues include environmental concerns, energy, hunger and food production, health, pollution, and population considerations. Offered: intermittently.

### **CHM 11100 - Environmental Science (3)**

(GE-PhysSci) An introductory course on global environmental issues with an emphasis on chemistry, this course addresses a need to understand the scientific principles along with social, political, and economic background as pertains to topics such as air and water qualities, energy resources, waste management, and toxicology. Offered: intermittently.

### **CHM 23000 - General Chemistry 1 (3)**

(GE-PhysSci) This course provides a systematic treatment of the principles of chemistry. Topics include the fundamental principles of chemistry, dimensional analysis, basic atomic structure and theory, stoichiometry, general nomenclature, and types of reactions. Prerequisite: Math placement test in MTH 15100 or higher. Offered: fall and spring semesters.

### **CHM 23100 - General Chemistry 2 (3)**

(GE-PhysSci) This course is a continuation of CHM 23000. Topics include an advanced review of stoichiometry, gas laws, intermolecular forces, periodic properties, advanced bonding theory, solutions chemistry, molecular structures, and organic nomenclature. CHM 24100 must be taken concurrently with this course. Prerequisite: Grade of C or better in both CHM 23000 and MTH 15100 or higher. Offered: fall and spring semesters.

### **CHM 23200 - General Chemistry 3 (3)**

(GE-PhysSci) This course is a continuation of CHM 23100. Topics include an advanced solution chemistry, acid-base equilibria, thermochemistry, kinetics, electrochemistry, and nuclear chemistry. CHM 24200 must be taken concurrently with this course. Prerequisite: Grade of C or better in both CHM 23100 and MTH 15100 or higher. Offered: fall and spring semesters.

### **CHM 24100 - General Chemistry 2 Laboratory (1)**

(GE-PhysSci) This course consists of one 2.5-hour laboratory period per week. Laboratory includes hands-on experimental procedures of general chemistry phenomena. Discussion focuses on mastery of chemistry concepts through class participation and group work. Lab fee required. Corequisite: Must be taken concurrently with CHM 23100. Offered: fall and spring semesters.

### **CHM 24200 - General Chemistry 3 Laboratory (1)**

(GE-PhysSci) This course consists of one 2.5-hour laboratory period per week. Laboratory includes hands-on experimental

procedures of general chemistry phenomena. Discussion focuses on mastery of chemistry concepts through class participation and group work. Lab fee required. Corequisite: Must be taken concurrently with CHM 23200. Offered: fall and spring semesters.

### **CHM 30000 - Introduction to Chemical Literature and Laboratory Safety (1)**

The purpose of this course is to assist students in understanding the body of information which constitutes the chemical literature, and in developing the skills required to effectively and efficiently utilize that literature both as students, and ultimately as professional chemists. The basic literature skills and techniques learned here will continue to be useful throughout the student's professional lifetime. Prerequisite: concurrent with CHM 35500 or CHM 36100, and C or better in ENGL 17000 and either successful completion of the WPA or ENGL 2100. Offered: intermittently.

### **CHM 31100 - Applications in Forensic Science (3)**

This course covers the theory and applications of basic methods of forensic science including: physical properties of glass, soil, hair, fiber, and paint; analytical techniques involving chemical analysis of drugs, alcohol, and bodily fluids; and techniques in DNA fingerprinting and ballistic analysis. Lab Fee required. Prerequisite: Grade C or better in CHM 23200 or CHM 36100. Offered: Fall semester.

### **CHM 35500 - Analytical Chemistry (4)**

This course is the study of different quantitative and analytical techniques such as gravimetric, volumetric, and selective precipitation methods of analysis. Laboratory work is included. Lab fee required. Prerequisite: Grade C or better in CHM 23200 and MTH 24100. Offered: Fall and Spring semesters.

### **CHM 36100 - Organic Chemistry I (4)**

This course is a systematic study of the nomenclature, structures, properties, and reactions of organic compounds with emphasis upon the principles by which chemists predict the properties and reactions of organic compounds. Lab fee required. Prerequisite: C or better in CHM 23100. Offered: fall and spring semesters.

### **CHM 36200 - Organic Chemistry II (4)**

This course is a continuation of CHM 36100. The principles of chemical behavior are applied to many types of organic compounds, including those of biological significance. Laboratory work is included. Lab fee required. Prerequisite: Grade of C or better in CHM 36100. Offered: fall and spring semesters.

### **CHM 38200 - Chemical Equilibria (3)**

This course is the study of chemical systems in equilibrium and the use of equilibrium constants of several types in calculating the extent to which reactions occur. Prerequisite: C or better in CHM 35500. Offered: intermittently.

### **CHM 38500 - Medicinal Chemistry (3)**

The study of medicinal chemistry focuses on the design of new drugs. In order to design an effective therapeutic agent, the target must be defined and studied and a lead molecule must be selected then optimized for safety, efficacy, and pharmacokinetics. All of

those steps will be examined in this course using current therapeutics and their discovery as case studies. Cross-listed with BSC 38500. Prerequisite: C or better in (BSC 24400 or BIO 25100) and CHM 36100. Offered: intermittently. Cross-Listed as: BSC 38500

**CHM 42100 - Biochemistry: Structure and Mechanism (4)**

This course examines macromolecular structure and function, applying chemical principles to understanding protein function, enzyme mechanism, and chemical understanding of the processes of transcription and translation. The laboratory portion of this course will introduce biochemistry procedures used to purify proteins and measure enzyme activity. Lab fee required. Prerequisite: a grade of C or better in (BSC 24400 or BIO 25100), CHM 23200, and CHM 36200. Offered: fall semester.

**CHM 42200 - Biochemistry: Metabolism (4)**

This course focuses on understanding metabolic pathways and provides an in-depth examination of cellular energetics, regulation, and metabolic disease. Methods for elucidating metabolic pathways and an introduction to literature in this field will also be covered. The laboratory portion of this course will combine molecular biology techniques and computer techniques for studying these topics. Lab fee required. Prerequisite: C or better in CHM 36200 and either CHM 42100 or (BSC 40400 or BIO 40400). Offered: spring semester. Cross-Listed as: BSC 42200

**CHM 44000 - Inorganic Chemistry (4)**

The chemistry of transition elements emphasizing the periodic character of properties of these elements, and the relationship between various physical and structural properties with the type of chemical bonding employed by the various elemental groups will be studied. Lab fee required. Prerequisite: CHM 36200 and junior standing. Offered: intermittently.

**CHM 45500 - Instrumental Analysis (4)**

This course centers on the study of instrumental methods of chemical analysis including spectrometric and mass analysis as well as separation techniques. Instruments covered, but not limited to, are AA, UV/Vis, FTIR, GC, GC/MS, and X-Ray Diffraction. Emphasis is given to principles of the techniques, method selections and their applications. Laboratory work included. Prerequisite: C or better in CHM 35500 and CHM 36100. Offered: intermittently.

**CHM 47100 - Physical Chemistry I (3)**

This course is a theoretical and mathematical study of chemical properties and the methods of predicting physical and chemical changes. The principles of thermodynamics and kinetics are emphasized. Prerequisite: MTH 27200, PHY 30100 (or PHY 25100), and a grade of C or higher in CHM 23200. Offered: spring semester.

**CHM 47200 - Physical Chemistry II (3)**

This course is a calculus based look at some of the most important discoveries in Chemistry and Physics in the 20th century, focusing on quantum mechanics, atomic and nuclear physics. Prerequisite: MTH 27200, a grade of C or higher in either CHM 47100 or PHY 30100, and a grade of C or higher in CHM 23200. Offered: fall semester.

**CHM 47300 - Physical Chemistry Lab (2)**

This course is a laboratory course focusing on data acquisition and statistical analysis of thermodynamic and kinetic data. Lab fee required. Prerequisite: CHM 47100. Offered: intermittently.

**CHM 47400 - Chemical Dynamics (3)**

This course is the study of both the empirical and the theoretical treatment of chemical reaction rates and the mechanisms that can be devised from them, plus specific treatment of gaseous and atomic reactions, reactions in solution, and very rapid reactions. Prerequisite: CHM 36100, 47100, and MTH 27200. Offered: intermittently.

**CHM 48000 - Chemistry Internship (1-6)**

This course offers a practical laboratory experience in a commercial, university, or forensics laboratory. The course may be repeated for credit, not to exceed 9 credit hours total. Prerequisite: Completion of WPA or ENGL 21000, junior chemistry standing and permission of department chair and the dean. Offered: intermittently.

**CHM 48500 - Chemistry Seminar (1)**

This course will provide background for the retrieval of information from the expanse of chemical literature. The course will prepare the student for library research on a topic selected jointly by the student and instructor. Student will present the paper to students and faculty. Prerequisite: Completion of WPA or ENGL 21000, junior status and permission of the instructor and the dean. Offered: intermittently.

**CHM 48900 - Independent Research (1-6)**

Students will plan, execute and report on a project in consultation with a faculty mentor. May be repeated for credit. Prerequisite: CHM 30000 and permission of instructor and dean. Lab fee.

**CJ - Criminal Justice**

**CJ 11000 - Criminal Justice Systems (3)**

This course offers a survey of various institutions by which the criminal justice system is administered including the police, the legal profession, the courts, and penal institutions as well as an examination of the problems which the criminal justice system faces and an evaluation of the adequacy of the existing system. Offered: fall and spring semesters.

**CJ 20000 - Criminology (3)**

(GE-SocSci) This course is designed to introduce students to the field of criminology, the scientific study of crime and related theories. Exploration of the development of criminal law, how crime is defined, trends and patterns of crime, and who is most likely to be a victim of crime will be covered. This course is designed as an overview analyzing the strengths and weaknesses of current theories of crime and causation from perspective based on empirical research. Offered: fall and spring semesters.

**CJ 20500 - Criminal Justice Observation (1)**

Students observe criminal justice practitioners in the areas of police, courts, corrections, or related areas. Students will benefit by observing the relationship between theory and practice in a work related setting. Offered: fall and spring semesters.

**CJ 22500 - Comparative Criminal Justice Systems (3)**

(GE-CrsClt) This course provides an opportunity for students to learn about key criminal justice systems around the world. It is an excellent cross-cultural opportunity for students to visit two to three countries. One goal of comparative studies is to extend a student's knowledge of people and cultures beyond his or her own group. Students are able to compare the American legal system with the countries visited. A comparative view of legal systems around the world allows us to understand better the dimensions of our own system. Lab fee required. Prerequisite: Permission of dean. Offered: in J-term.

**CJ 24000-24999 - Special Topics in Criminal Justice (1-3)**

This course deals with a specialized topic in criminal justice. Subject areas will change from time to time to reflect relevant issues within the field of criminal justice. Possible topical fields may be drawn from such areas as comparative criminal justice, the history of criminal justice, cybercrimes, gangs, organized crime, probation and parole, and criminal profiling. The particular topic to be addressed will be announced and a course description provided at the time of registration. The course is open to all students and no prerequisites are required. Lab fee may be required. Offered: intermittently.

**CJ 24500 - Police Academy Preparatory (3)**

This course is required for only those students interested in applying to and attending the St. Louis County and Municipal Police Academy the following January as part of Lindenwood University's partnership with such entity. Students are required to meet with the instructor during hours that closely mirror the required hours they will attend the academy if accepted as a cadet. All activity will consist of preparatory physical conditioning and basic police training assignments. Prerequisite: Permission of dean

**CJ 30000 - Policing in America (3)**

This course is an analysis of the contemporary role of the police relative to such areas as the police subculture and community relations, police accountability and civil liability, police stress, and unique problem situations and groups encountered by the police. Prerequisite: CJ 11000 and CJ 20000. Offered: fall and spring semesters.

**CJ 30100 - Criminal Procedure (3)**

This course offers the study of the law as it relates to arrest, search, and seizure with emphasis on present controlling legal decisions and historical development, philosophy, and problems underlying these decisions. Prerequisite: CJ 11000 and CJ 20000. Offered: fall and spring semesters.

**CJ 30500 - Corrections (3)**

This course is a contemporary analysis of the operation of and problems encountered by jails and prisons as well as the study of probation, parole, community service and restitution, electronic monitoring, and other innovative community correctional programs. Prerequisite: CJ 11000 and CJ 20000. Offered: fall and spring semesters.

**CJ 31000 - Criminal Law (3)**

This course is the analysis of the purposes and sources of the criminal law and will include an examination of the preliminary

crimes of solicitation, conspiracy, and attempt. The specific elements of crimes against the person and crimes against property are addressed. A consideration of defenses to criminal liability is also undertaken. Prerequisite: CJ 11000 and CJ 20000. Offered: fall and spring semesters.

**CJ 31100 - The Juvenile Justice System (3)**

This course is an examination of the origin, philosophy, and objectives of the juvenile justice system. Emphasis will be placed on the decision making process of police, court, and probation officials relative to the apprehension, processing, and treatment of juveniles. Supreme Court decisions in the juvenile field also will be addressed. Prerequisite: CJ 11000 and CJ 20000. Offered: fall and spring semesters.

**CJ 31500 - Victimology (3)**

This course is designed to familiarize students with victimology, a sub-discipline of criminology concerned with the scientific study of victims in contemporary society. Topics covered include but are not limited to: the development and evolution of the victim movement in the United States, theories of victimization, empirical examination of pertinent issues, understanding differential rates of victimization based on individual characteristics, the impact of institutions such as the media and criminal justice system, and critical analysis of social policies designed to address the plight of victims. Detailed consideration of specific victim populations and types of victimization will be emphasized in turn throughout the semester. Upon successfully completing this course students will have not only an in depth understanding of victimology and relevant research, but also gain the skills to think critically about victimization as it relates to the criminal justice system and bridge the gap between theory and practice. Prerequisite: CJ 11000 and CJ 20000 or permission of dean. Offered: fall and spring semesters.

**CJ 32000 - Race, Crime, and Punishment (3)**

A comparative study of racial differences in offending patterns, which will focus on the overrepresentation of minorities in the criminal justice system. Possible causes, current research, government policies, initiatives, and laws will be explored and evaluated. This will be an interactive, discussion-focused special topics course, which will appeal to criminal justice majors but also to anyone working in fields that interface with offenders like social work, psychology, sociology and political science. Prerequisite: CJ 11000 and CJ 20000 or permission of dean. Offered: fall and spring semesters.

**CJ 32100 - White-Collar Crime (3)**

Students will examine the definition and scope of the problems associated with White-Collar Crime. The American public often overlooks the violent aspects of elite deviance. Additionally, this course will address the costs, institutional corruption, religious fraud, environmental crimes, and the manufacture and distribution of unsafe consumer products. Prerequisite: CJ 11000 and CJ 20000. Offered: intermittently.

**CJ 33100 - Criminal Investigation (3)**

This course provides students with an in-depth examination of the various aspects associated with conducting a criminal investigation. Course topics to include historical, legal, scientific,

and practical application of investigating various major crimes. Students will also participate in practical exercises reflective of the various types of activities with a criminal investigation. Prerequisite: CJ 11000 and CJ 20000. Offered: fall and spring semesters.

### **CJ 33800 - Criminal Minds (3)**

This course is an introduction into the criminal mind and aspects of criminal psychology that are useful to criminal justice practitioners. Students will learn about historical trends in the study of the criminal mind, contemporary theories, and research regarding psychopathy, children who kill, serial killing, and interventions with offenders, among other topics. Students will examine the applied use of psychology in criminal justice. Prerequisite: Junior status. Offered: spring semester.

### **CJ 34000-34999 - Special Topics in Criminal Justice (3)**

This course will deal with a specialized topic in criminal justice. Subject areas will change from time to time to reflect relevant issues within the field of criminal justice. Possible topical fields may be drawn from such areas as comparative criminal justice systems, the history of criminal justice, cyber-crimes, ethics in criminal justice, crime scene investigations, gangs, organized crime, quantitative and qualitative research methods, probation and parole, and criminal profiling. The particular topic to be addressed will be announced and a course description provided at the time of registration. This course may be repeated for additional credits if a different topic is offered. Lab fee may be required. Prerequisite: CJ 11000 or CJ 20000 and junior standing. Offered: intermittently.

### **CJ 35005 - Women, Crime, and the Law (3)**

This course will examine the basic study of the female offender, women and girls in the criminal justice system, and the roles of women working in the criminal justice system. The course will introduce students to gender and ethnic diversity issues within the justice system, along with the strengths of oppressed people, especially women of color. A wide range of issues are covered, including the rate of early childhood sexual abuse, victimization among female inmates, and obstacles for women working within the justice system. Prerequisite: Junior standing and completion of one of the following: CJ 20000, SOC 10200, PSY 10000, or ANT 11200 Offered: intermittently.

### **CJ 35500 - Criminal Justice Ethics (3)**

This course is an introduction to the basic ethical themes that run through the entire Criminal Justice system. It is a course that will provide practical information and the opportunity to develop practical skills for the analysis of ethical dilemmas-of which there is no shortage in the Criminal Justice field. This course will provide the opportunity to gain a basic knowledge of ethical systems in general, and will address the dilemmas of practitioners in real life criminal justice situations, including those that arise from the systems complex interaction of various police, prosecutor, court, and corrections agencies. Prerequisite: CJ 11000 and CJ 20000. Offered: intermittently.

### **CJ 44000 - Senior Seminar in Criminal Justice (3)**

This is a capstone course dedicated to the analysis of major issues in criminal justice. Emphasis will be placed on the various

components of the criminal justice system and encourage students to critically examine the justice system, as it exists in American society today. Additionally, students will explore how criminological theories are applied to practice and public policy. Criminal justice practitioners will be invited as guest lecturers to provide students with relevant information on trends within their respective fields, and students will be able to assimilate knowledge from previous coursework in a meaningful way in order to prepare for graduation and employment. Prerequisite: senior standing (preferably last semester of coursework) and successful completion of the Writing Proficiency Assessment (WPA). Offered: fall and spring semesters.

### **CJ 45000 - Practicum (4-6)**

This course is structured for the student to gain field experience in policing, corrections, juvenile justice, law and the court system, or within the private security/ investigation sector. Students must complete 50 hours in the field for each credit of internship and weekly assignments. Prerequisite: junior standing, 18 credit hours in Criminal Justice courses, 2.5 GPA, or permission from dean. Offered: fall and spring semesters.

### **CJ 46000 - St. Louis County and Municipal Police Academy (15)**

Lindenwood University (LU) is in a partnership with the St. Louis County and Municipal Police Academy (SLCMPA). LU students will have the option of completing a Missouri State Peace Officer's Standards and Training Program and earn a Class A Peace Officer's license as part of their undergraduate degree program. The SLCMPA offers an intensive 869 hour- 23 week- Missouri State Peace Officer's Standards and Training Program of classroom and hands-on practical instruction in the core knowledge and skills needed by peace officers working in the State of Missouri. The program includes academic courses in Constitutional Law, Missouri Statutory Law, Traffic Law, Interpersonal Skills, Patrol, Criminal Investigation, Report Writing, Traffic Accident Investigation, Juvenile Justice and Procedures. Students also receive superior training in First Aid, Firearms, Defensive Tactics, Driver Training, and Physical Fitness. Prerequisite: CJ24500, permission of LU instructor and acceptance to SLCMPA. Offered: spring semester.

### **CMS - Christian Ministry Studies**

#### **CMS 10100 - Introduction to Christian Spirituality (3)**

This course examines the basic habits of disciplines necessary for cultivating spiritual stability and strength in the life of a believer in Jesus Christ. Issues such as personal Bible study, prayer and private devotions, financial stewardship, fasting, confronting temptations and trials, and sharing one's faith will be addressed, with attention being given to great writings of Christian authors in these various areas. Offered: spring semester.

#### **CMS 12000 - Introduction to Christian Theology (3)**

This course is an overview of the foundational teachings of Christianity. Attention will be given to theology proper (doctrine of God), Christology, (including His person and work), pneumatology (doctrine of the Holy Spirit), anthropology (doctrine of humanity), ecclesiology (doctrine of the church), soteriology (doctrine of salvation), doctrine of revelation, and

eschatology (doctrine of the end times). Some attention will be given to the historical development of doctrine, significant theological controversies, and theological distinctives between the three major Christian traditions - Roman Catholics, Orthodox and Protestants. Offered: fall semester.

**CMS 25100 - Professional Discernment & Orientation (3)**

Students will focus on their call to ministry, examining personal growth and commitment. As a result, the course explores questions of personal identity and spiritual giftedness. Strategic planning for ministry will be emphasized, with special attention given to management styles and conflict resolution. Students will learn to write a professional resume. Offered: fall semester.

**CMS 26000 - Biblical Hermeneutics (3)**

This course is the study of the principles of biblical interpretation. Attention will be given to the historical, geographical, linguistic, and cultural settings of the Bible. Prevalent hermeneutical errors will be identified and addressed. Significant attention will also be given to the doctrines of revelation, biblical inspiration, and biblical authority. Offered: fall semester.

**CMS 30000 - Models of Youth and Children's Ministry (3)**

This course provides an overview of different ministry models to youth and to children with an evaluation of various program designs. Students will develop a vision statement, mission statement, and philosophy statement for ministry and explore how to best implement a successful program for differing ministerial contexts. Fundamental elements of administration and management will be explored. Prerequisite: CMS 10100. Offered: spring semester.

**CMS 30400 - Oral Communication in Ministry (3)**

This course is a study of sermon/lesson construction and delivery. Attention will be given to principles of successful communication, platform techniques, use of analogy and illustration, and general speaking qualifications within the context of cultural appropriateness. Prerequisite: CMS 26000 Offered: spring semester.

**CMS 31500 - Advanced Theology: Developments in the Church (3)**

This course consists of the critical study of the development of Christian theology and its practices within its historical, sociological, political, and theological contexts from the second century A.D. to the emergence of Liberation Theology. Prerequisite: CMS 12000. Offered: spring semester.

**CMS 32800 - Theology and Practice of Mission (3)**

The course addresses Christian mission and ministry in primarily two settings. First, a biblical basis for urban ministry is presented and case studies of effective strategies examined. In so doing, social, civil, political, and spiritual contexts are evaluated. Second, the Great Commission calls for Christians to make disciples of all the nations. To carry out that mandate, it is important to understand appropriate processes in evangelizing to all the nations. A focus on practical application in presenting the Christian faith is offered. Prerequisite: CMS 12000. Offered: Every even Spring semester.

**CMS 35000 - Apologetics (3)**

This course focuses on how to best contend for the truths of the Christian faith. Material covered ranges from a review of the basic tenets of the faith, better understanding arguments used to discredit the Christian faith, building an intellectual framework in addressing challenges to faith, and confidently and lovingly communicating the reasonableness of one's faith. Prerequisite: sophomore status. Offered: intermittently.

**CMS 36500 - Christian Traditions and Worship (3)**

This course explores the diverse expressions of the relationship between worship with prayer, beliefs, and lifestyle among historic Christian traditions in the United States. This course will focus on the historical, theological, and practical distinctions among a select set of Christian traditions and will provide guidance on how to be a good guest in these traditions' worship service. Emphasis will be placed on understanding differences and commonality among Christian traditions that arise from theological and contextual situations so that the student will be able to critically engage the distinctions between worship styles and describe how liturgy forms, informs, and supports spirituality and worldview. Prerequisite: CMS 10100. Offered: Every odd Spring semester.

**CMS 38000-38999 - Special Topics (3)**

This course focuses on making meaning of life beyond college or on providing applied opportunities in ministry and authentic reflection on those experiences. Lab fee or travel costs may be required. Prerequisite: sophomore status. Offered: intermittently.

**CMS 45000 - Internship (3)**

This supervised field education experience will permit the student to directly apply classroom learning to actual practice. Possible field contexts might be working alongside a pastor in a local congregation, participating in local and global mission opportunities or serving in youth ministry context affiliated with a church or a para-church. Prerequisite: Junior status and approval of field site by CMS department chair. Offered: fall semester and summer.

**CMS 46000 - Ministry Leadership and Administration (3)**

This course is a concentrated study and reflection on topics relevant to leading and administrating in various ministry contexts. Stress is paid to the ethical conduct required of those entering ministry as well as to biblical leadership traits. Topics will also include officer and laity training, engagement with staff, personal preparedness and goal-setting, budgeting, and planning and programming ministries. Prerequisite: Junior status. Offered: spring semester.

**COL - All-College**

**COL 11100 - Internet Library Research Strategies (1)**

An activity based course designed to build upon basic computer/Internet skills necessary for a 21st century society, students will conduct a series of focused retrievals of online information and resources specific to their areas of study. Lab fee required. Offered: intermittently.

**COL 20100 - Experiments in Cultural Comparison and Criticism (3)**

This course addresses some of the same cultural criticism debated by the Honors LUL students in the fall of their freshman year (at a more advanced level), such as cultural trends and attitudes regarding technology, compulsivity, social relations, and the debate over the liberal arts curriculum. U.K. culture and the system of higher education has enough in common with our own for comparison, while significant differences allow for interesting analysis and criticism. The course involves a trip to the U.K. and Ireland. Prerequisite: Member of the Honors College and permission of the professor. Offered: spring semester.

**COL 35000 - Career Development (1)**

This course will encompass career development strategies inclusive of self-assessment and exploration, occupational examination, and job campaigning. Experiential learning activities in the areas of leadership development, decision making, and goal setting will also be incorporated. Prerequisite: junior/senior standing.

**COL 45000 - Community Service Internship (1)**

This course involves service within volunteer agencies and social service programs in the local community, to enable students to be involved in practical experiences beyond their normal disciplines and to provide diverse opportunities that will enhance the student's educational background and broaden his/her range of marketable talents. Requires 150 hours of service in an approved agency during one semester of the student's junior or senior year. (May only be taken once).

**COM - Communications****COM 10200 - Public Debate (3)**

(GE-Comm) This course studies the research, formulation and presentation of arguments in public policy debate. It will present research techniques that are useful in preparation for debate, teach students how to select and strategically employ arguments in a debate, and prepare students to use critical thinking in evaluating an opponent's argumentation. The role of rhetorical persuasion in preparing and presenting speeches and engaging in cross-examination in such contexts will also be explored. Formal debate techniques will be discussed as well as the role judges and coaches play in the activity.

**COM 10300 - Storytelling (3)**

(GE-Comm) This course is an introduction of theories and techniques of non-written communication in American folk culture and society. Topics include the nature of human communication, listening skills, interpersonal communication, nonverbal communication, small group communication, and public speaking. Students will participate in communication activities, as well as research, organize and present formal and informal speeches.

**COM 10400-10499 - Focus in Web (3)**

Techniques in web architecture are constantly changing. This course ensures that the IMWD program is flexible enough to provide students with exposure to the latest techniques, trends, and applications focused on a variety of aspects of design.

Prerequisite: Specific to the topic being offered; prerequisites are expected to vary.

**COM 10500 - Group Dynamics and Effective Speaking (3)**

(GE-Comm) This course is designed to teach participants various interpersonal skills pertinent to one-on-one, small group, and large-group communication. Topics covered will include "reading" the audience, non-verbal communication, the rules of etiquette and appropriate dress, effective use of the voice, and group dynamics. Students will be required to make a series of formal and informal presentations in class. Offered: Intermittently.

**COM 10600-10699 - Focus in Interactive (3)**

Techniques in interactive media are constantly changing. This course ensures that the IMWD program is flexible enough to provide students with exposure to the latest techniques, trends, and applications focused on a variety of aspects of design. Prerequisite: Specific to the topic being offered; prerequisites are expected to vary.

**COM 10700-10799 - Focus in Design (3)**

Techniques in design are constantly changing. This course ensures that the IMWD program is flexible enough to provide students with exposure to the latest techniques, trends, and applications focused on a variety of aspects of design. Prerequisite: Specific to the topic being offered; prerequisites are expected to vary.

**COM 11000 - Fundamentals of Oral Communication (3)**

(GE-Comm) This course is an introduction of theories and techniques of non-written communication in business and society. Topics include the nature of human communication, listening skills, interpersonal communication, nonverbal communication, small group communication, and public speaking. Students will participate in communication activities, as well as research, organize and present formal speeches. Offered: fall and spring semesters.

**COM 11500 - Sportscasting (3)**

Students learn the skills and techniques of broadcasting sporting events. Emphasis is given to the roles of play-by-play announcers and analysts for radio and television. Instruction focuses on, but is not limited to football, basketball, baseball and hockey. The course teaches the technical skills necessary to setup sports remotes and anticipating problems posed by various sports venues. Offered: intermittently.

**COM 12300 - Media Design Foundations (3)**

A computer-based course designed to familiarize students with principles of design, color theory, typography, layout, usability, storyboarding, and other foundational aspects of interactive media and web design through a hands-on approach. Lab fee required. Offered: intermittently.

**COM 13000 - Survey of the Professional Media (3)**

This course offers an examination of the evolution of media from its traditional roots to the marketplace of today. Students will study careers in the field and be exposed to issues facing those professionals. An introduction to government regulation, ethical issues, and the relationship between media and society will

introduce students to the challenges and responsibilities facing the future communications professional. Offered: fall and spring semesters.

**COM 13500 - Introduction to Journalism (3)**

This course offers instruction in the history, freedom, technologies, ethics, and functions of the news media and includes newsroom practices and cultures, news planning, writing, gathering, selection and presentation, and ideas about objectivity and news sources. Lab fee required. Offered: fall and spring semesters.

**COM 13600 - Programming Logic (3)**

This course introduces students to programming logic in a structured web centric environment. Topics include language syntax, semantics, data types, program organization, pseudo code, flow-charting, algorithm design, and basic programming constructs.

**COM 14000 - Introduction to Cinema Arts (3)**

This course examines the various forms of cinematic expression and provides an overview of the different industries and careers in the field of visual storytelling. Students will study cinematic aesthetics, technique, and criticism. Offered: fall and spring semesters.

**COM 15100 - Radio Production (3)**

This course serves as an introduction to radio station operations, including an analysis of programs and audiences in American broadcasting. Students will have directed experiences in organization, writing, production, direction, and performance of basic radio programs. Lab fee required. Prerequisite: COM 13000 or COM 13500 or either concurrently. Offered: fall and spring semesters.

**COM 15400 - Video Production (3)**

This course offers theory and practice of video production techniques with an examination of basic program types, equipment operation, staff organization, script writing, and studio production problems. Laboratory work in fundamental video productions. Lab fee required. Prerequisite: COM 12300 or COM 13000 or COM 13500 or COM 14000, or TA 11100, or any concurrently. Offered: fall and spring semesters.

**COM 18800 - The Digital Newsroom (3)**

This course introduces students to software, theory, production, and design principles of digital media for journalistic endeavors. With an emphasis on critical thinking, students learn the foundations of multimedia production in a lab setting, preparing them for advanced journalism courses, in which basic digital media gathering and production skills are required. Lab fee required. Offered: intermittently.

**COM 20200 - Design with Photoshop (3)**

This is a hands-on course that covers the fundamentals of digital image manipulation and graphic creation using Adobe's Photoshop. Photo retouching, image capture, and image creation will be emphasized as well as current techniques and trends. This class will culminate with the rendering of a professional portfolio component. Lab fee required. Offered: fall and spring semesters.

**COM 20300-20399 - Focus in Interactive (3)**

Techniques in interactive media are constantly changing. This course ensures that the IMWD program is flexible enough to provide students with exposure to the latest techniques, trends, and applications focused on a variety of aspects of design. Prerequisite: Specific to the topic being offered; prerequisites are expected to vary.

**COM 20400-20499 - Focus in Web (3)**

Techniques in web architecture are constantly changing. This course ensures that the IMWD program is flexible enough to provide students with exposure to the latest techniques, trends, and applications focused on a variety of aspects of design. Prerequisite: Specific to the topic being offered; prerequisites are expected to vary.

**COM 20500-20599 - Focus in Design (3)**

Techniques in design are constantly changing. This course ensures that the IMWD program is flexible enough to provide students with exposure to the latest techniques, trends, and applications focused on a variety of aspects of design. Prerequisite: Specific to the topic being offered; prerequisites are expected to vary.

**COM 22222 - Introduction to 3D Printing (3)**

This course provides a foundation of 3D modeling and manufacturing through hands-on experience using open-source software and plugins. The course lectures and discussions will focus on the potential impact of this technology in our society in regards to manufacturing, copyright, and intellectual property. In addition, technical emphasis will be given to an analysis of printer types, use of needed software, and future application. Lab fee required. Offered: intermittently.

**COM 23300 - Fundamentals of the Internet (3)**

This is a lab-based course designed to familiarize communications students with advanced methods of information retrieval and management via the Internet or corporate intranets; combined with hands-on design, development, and publication of web based content for both individual and corporate use. Lab fee required. Offered: fall and spring semesters.

**COM 23500 - Supervision of Student Publication (3)**

This course is designed for education professionals who will learn successful solutions to the problems generally faced in supervision of newspapers, magazines, yearbooks, and other publications. Lab fee required. Offered: intermittently.

**COM 23600 - Digital Painting (3)**

This class is designed to familiarize students with painting in a digital medium. The students will learn to utilize painting programs to simulate the natural tools of the artist, such as watercolor, oils, charcoal and others. Students will use the various tools available in these programs such as brushes, paper textures, media palettes and mixers to create art work that can only be generated in a digital medium.

**COM 24200 - Basic Reporting (3)**

This course is an analysis of the role of the reporter in communicating public intelligence. Laboratory work will stress basic news gathering, reporting and writing techniques.



Prerequisite: ENGL 15000 or EPP 15000 and either COM 13000 or COM 13500. Offered: fall and spring semesters.

**COM 25600 - Production for Television (3)**

This course offers a laboratory environment used to develop planning, scripting, shooting, directing, editing, budgeting, and studio skills to produce a program for television or cable broadcast. Lab fee required. Prerequisite: COM 15400 and either COM 12300 or COM 13000 or COM 13500 or COM 14000. Offered: fall and spring semesters.

**COM 27700-27799 - Media Literacy Topics (3)**

The constant evolution of technologically-driven culture demands flexibility in the study of media and its influence on that culture. This range of courses allows for these relevant changes by offering the opportunity to research and study contemporary issues in media literacy.

**COM 28100 - Feature Writing (3)**

This course consists of analysis and practice of writing human interest stories and personality profiles for newspaper, magazine and online publication. Typically such writing goes beyond news events and issues to capture unusual, trendy, often light topics about people and their activities. Prerequisite: COM 24200. Offered: intermittently.

**COM 28200 - Editing (3)**

This classroom based course focuses on advanced editing skills required for employment in newspaper, magazine and electronic publications. Coursework will focus on the development of editing for grammar, punctuation, precision and Associated Press style. Prerequisite: COM 24200. Offered: intermittently.

**COM 30000 - Online Journalism (3)**

Reporting, writing, and editing will be practiced in this course including instruction in the latest digital news-gathering formats. Using content management systems, social media, and mobile applications, students gather and produce digital news content for various media platforms. Prerequisite: COM 18800 and COM 24200. Offered: intermittently.

**COM 30001-30099 - Focus in Design (3)**

Techniques in design are constantly changing. This course ensures that the IMWD program is flexible enough to provide students with exposure to the latest techniques, trends, and applications focused on a variety of aspects of design. Prerequisite: Specific to the topic being offered; prerequisites are expected to vary.

**COM 30101 - Applied Mass Communication-Radio (3)**

With staff assignments in campus-related media with a term involvement of 45-70 work hours, this course is designed to give students practical experience in the media. Repeatable for credit. Lab fee required. Prerequisite: COM 13000 and COM 15100. Offered: fall and spring semesters.

**COM 30102 - Applied Mass Communication-Video (3)**

With staff assignments in campus-related media with a term involvement of 45-70 work hours, this course is designed to give students practical experience in the media. Repeatable. Lab fee required. Prerequisite: COM 25600. Offered: fall and spring semesters.

**COM 30103 - Applied Mass Communication-Public Relations (3)**

With staff assignments in campus-related media with a term involvement of 45-70 work hours, this course is designed to give students practical experience in the media. Repeatable. Prerequisite: COM 24200. Offered: fall and spring semesters.

**COM 30104 - Applied Mass Communication-Sports Information (3)**

With staff assignments in campus-related media with a term involvement of 45-70 work hours, this course is designed to give students practical experience in the media. Repeatable. Prerequisite: COM 24200. Offered: intermittently.

**COM 30105 - Applied Interactive Media and Web Design (3)**

With staff assignments in campus-related web design with a term involvement of 45-70 work hours, this course is designed to give students practical experience in the media. Repeatable. Prerequisite: COM 23300. Lab fee required. Offered: intermittently.

**COM 30111 - Applied Television News (3)**

This experiential course features staff assignments in television news origination, preparation and production with a term involvement of 45-70 work hours. This course is designed to give students practical journalistic experience in the television news. Repeatable. Lab fee required. Prerequisite: COM 15400. Offered: fall and spring semesters.

**COM 30200 - Seminar in Professional Practice and Ethics (3)**

An investigation of the complex ethical dilemmas perceived to stem from the clash between individual and organizational values in our increasingly media-dependent persona, social, and professional environments. Attention will be paid to the bases of ethical decision making in modern professional and business organizations engaged in primarily mass-communication related endeavors. Students will be expected to engage in written and oral discourse, based upon secondary research focused upon competing media-driven economic, political, societal claims. Issues examined will include, but not be limited to, media violence, journalistic responsibility, government media regulation, threats to personal privacy, and media industry consolidation. Curricula will include, but not be limited to, various codes of professional ethical conduct published by professional organizations whose membership pursue careers in Advertising, Journalism, Public Relations, etc. Prerequisite: ENGL 17000 and either COM 13000 or COM 13500 or COM 12300. Offered: fall and spring semesters.

**COM 30201-30299 - Focus in Interactive (3)**

Techniques in interactive media are constantly changing. This course ensures that the IMWD program is flexible enough to provide students with exposure to the latest techniques, trends, and applications focused on a variety of aspects of design. Prerequisite: Specific to the topic being offered; prerequisites are expected to vary.

**COM 30300 - Written Communication for Business (3)**

The study and practice of effective business writing, topics in this class will include writing memoranda, letters, and reports as well as writing for various publics. Special focus will be on persuasive

communication, international business communication, and writing style for corporate publications. Prerequisite: ENGL 17000. Offered: fall and spring semesters.

**COM 30400 - Broadcast Newswriting (3)**

This lab course examines the preparation and presentation of newscasts and special news programs. Consideration of reporting, interviewing, documentaries, and special events. Lab fee required. Prerequisite: COM 24200 and either COM 15100 or COM 15400. Offered: fall and spring semesters.

**COM 30500 - Desktop Publishing (3)**

This course gives the student an understanding of the production cycle of printed materials. The student will develop a working knowledge of pre-press to press proof with a variety of printing demands. The student will learn how to use printing software and develop an understanding of professionally designed and produced materials. Lab fee required. Prerequisite: COM 20200 or ART 12000. Offered: fall and spring semesters.

**COM 30600 - Advanced Reporting (3)**

Students expand on basic journalistic skills through in-depth interviews, computer-assisted reporting, electronic newsgathering, and other data-mining available to today's reporters. The course emphasizes informative stories written from fact-based reporting. Prerequisite: COM 24200. Offered: intermittently.

**COM 30700 - Writing for the Electronic Media (3)**

This laboratory course examines the techniques and forms of script writing for all types of electronic media. Prerequisite: ENGL 15000 or EPP 15000 and either COM 15100 or COM 15400. Offered: fall and spring semesters.

**COM 30800 - Applied Journalism, Newspaper (1-3)**

With staff assignments in campus-related print media with a term involvement of 45-70 work hours, this course is designed to give students practical experience in newspaper journalism. This course is repeatable for different course topics. Coursework includes various assignments involving Newspaper operations. Prerequisite: COM 24200. Offered: intermittently.

**COM 30801-30899 - Focus in Web (3)**

Techniques in web architecture are constantly changing. This course ensures that the IMWD program is flexible enough to provide students with exposure to the latest techniques, trends, and applications focused on a variety of aspects of design. Prerequisite: Specific to the topic being offered; prerequisites are expected to vary.

**COM 30900 - Applied Journalism, Internet (3)**

With staff assignments in campus-related Internet media, this course is designed to give students practical experience in Internet journalism. This course is repeatable one time. Coursework includes various assignments involving Internet operations. Prerequisite: COM 18800 and COM 24200. Offered: intermittently.

**COM 31200 - Newspaper Design (3)**

Students will lay out and paginate newspaper pages, choose and edit photographs and other graphical elements, and write headlines. Theoretical and practical applications of newspaper

and news publication design, including typography, graphics, graphics software, and electronic picture editing. Exercises in design for newspapers and news publications in both print and electronic formats. Prerequisite: COM 18800, COM 24200, and either COM 13000 or COM 13500. Offered: intermittently.

**COM 31600 - Visual Web Design (3)**

This course is recommended for non-majors and majors alike and provides students with hands-on experience with contemporary online publishing techniques using applications such as WordPress or other content management systems. A registered domain name and web hosting plan capable of supporting PHP is mandatory. Lab fee required. Prerequisite: COM 23300.

**COM 32500 - Photojournalism (3)**

This course focuses on the fundamental techniques and principles of photojournalism. Students integrate photography with editorial design to create a portfolio of visually-oriented and journalistically sound packages appropriate for print and Internet. The course will emphasize news photography, typography, infographics and other compelling visual components. Lab fee required. Prerequisite: COM 18800 and COM 24200. Offered: intermittently.

**COM 32700 - Media Literacy (3)**

In this course, students will focus on the cognitive, emotional, moral, and aesthetic influences of the media. (Radio, Film, TV, Multimedia, and the Internet). Higher levels of media literacy can give students more options and control over their beliefs and behaviors. Prerequisite: ENGL 17000 and sophomore status. Offered: fall and spring semesters.

**COM 32800 - Fundamentals of Public Relations (3)**

A focused investigation of how rapidly evolving advances in communication technology are impacting the profession of public relations in a global environment. The fundamental strategic mission of public relations as an executive function aimed at long-term relationship and reputation management will be explored in various organization contexts, including but not limited to not-for-profit, non-profit, community, governmental, professional services, as well as proprietary consumer and business product/services. The key tactics appropriate to relationship development and management with a variety of stake-holder groups, including but not limited to employees, members, volunteers, regulators, legislators, community activists, investors, charities, as well as consumer/customers, will receive explicit scrutiny. Prerequisite: COM 24200. Offered: fall and spring semesters.

**COM 33310 - 3D Printing (3)**

This course presents the foundation of 3D modeling and manufacturing through hands-on experience. Students will utilize their existing 3D modeling skills to physically prototype objects, and will learn about the software and hardware necessary to print in 3D. Course discussions will focus on the potential impact of this technology on our society, and on future uses of the techniques that are taught. Lab fee required. Prerequisite: COM 33600 Offered: intermittently.

**COM 33400 - Web Design (3)**

This lab-based course focuses on the development of unique interactive content to organize, structure, and maintain websites using common standards and practices. Students investigate contemporary design processes and technical approaches to broaden their knowledge of coding with HTML, CSS, and JavaScript. A registered domain name and web hosting plan capable of supporting FTP, PHP, MySQL are mandatory. Lab fee required. Prerequisite: COM 23300 or CSC 34400. Offered: fall and spring semesters.

**COM 33500 - Buying and Selling Media (3)**

This course is an in-depth study of the process of researching the cost effectiveness of the various media as advertising tools and examines the processes of media buying and the methods of selling radio, television, newspaper, magazine, and cyberspace advertising. Prerequisite: COM 13000. Offered: fall and spring semesters.

**COM 33600 - 3D Graphics (3)**

This hands-on course provides students with the skills needed to design 3D models, materials, lighting, and animation using a popular 3D software application. Rendering techniques, camera usage, and surface-mapping will be covered in an effort to have students capable of producing photo-realistic images. Prerequisite: COM 20200 or ART 30600. Offered: intermittently.

**COM 33700 - Design with Illustrator (3)**

Students will receive specialized hands-on training in the creation of computer generated vector graphics through the use of Adobe's Illustrator. Attention will be placed on fundamental techniques, corporate branding, logo design, interactive illustrations and illustration for use in both print and screen. Additional focus will be given to the integration of both raster and vector graphics across multiple applications. This class will culminate with the rendering of a professional portfolio component. Prerequisite: COM 12300 and COM 20200.

**COM 33800 - Portfolio and Career Foundations (3)**

This course provides students with a structured environment to showcase both personal design style and technical skills as it pertains to the field of Interactive Media Web Design. Students will refine self-selected pieces, and develop an interactive platform in which to display the best of their work. Interviewing, résumé building, and job hunting are closely tied to the distribution of a portfolio and thus are a pivotal part of the course content. Students will conclude the course with a professional résumé, digital portfolio, and set of skills that will assist them in securing both a valuable internship and future career. Prerequisite: Interactive Media and Web Design major or minor, completion of fifteen hours of Communications courses.

**COM 34000 - Television Sports Production I (3)**

An experiential study in the basic skills of sports television production and broadcasting from planning to post-production this course is offered in conjunction with LUTV coverage of Lindenwood Athletics, and the scheduled assigned work will be determined by the Lindenwood Athletic calendar. Prerequisite: COM 15400 and either COM 13000 or COM 14000. Offered: fall and spring semesters.

**COM 34300 - Television News Production (3)**

An experiential study in the basic skills of television news production, this course combines theory and practice as students learn the essentials in writing, producing, directing, and performing. Coursework includes both in-studio and field production. Prerequisite: COM 15400 and COM 24200. Offered: fall and spring semesters.

**COM 34600 - Television Fine Arts Production I (3)**

This course is an experiential study in the basic skills of television fine arts production. Students are introduced to the unique issues involved in recording and televising artistic presentations from varied venues. Coursework will include producing television broadcasts of Lindenwood theatre and musical presentations. Prerequisite: COM 15400 and either COM 13000 or COM 14000. Offered: intermittently.

**COM 35100 - Audio for Fine Arts (3)**

This course centers on sound design for non-broadcast majors. Students will develop skills in computer based audio editing using professional-level software and will learn techniques for using sound systems to maximize acoustics and enhance performance venues. Topics will include music editing for accompaniment and dance, sound editing for theatre, and the basic operation and uses of sound systems. Lab fee required. Offered: intermittently.

**COM 35200 - Advanced Audio Production (3)**

Students carry out advanced assignments in audio production. Preparation, production, and evaluation of various audio projects will require students to refine skills in analog and digital video production. Lab fee required. Prerequisite: COM 12300 or COM 15100. Offered: fall and spring semesters.

**COM 35400 - Advanced Video (3)**

This course trains students as producers and directors of visual media. Students will learn the maximize production value when shooting on location. Planning, scripting, budgeting, shooting, and editing skills will be developed and applied to the production of a professional quality video project. Lab fee required. Prerequisite: COM 15400 and COM 30700. Offered: fall and spring semesters.

**COM 35700 - Intermediate Non-linear Video Editing (3)**

This hands on computer course is designed to advance the student's editing skills using non-linear editing systems. Instruction will also include the integration of video, graphics, and audio imported from other multimedia production programs. Students will be instructed in the use of editing software and will be given class assignments that require practical application of theories and software. Lab fee required. Prerequisite: COM 15400 and either COM 12300 or COM 13000 or COM 14000. Offered: fall and spring semesters.

**COM 36000 - Media Management (3)**

This course is an examination of various media industry operations. Students will focus on management theories and practices, fundamentals in financial administration, and human resources. Emphasis includes understanding and use of media research, effective marketing strategies and costs, FCC rules and regulations, and broadcast engineering and ownership.

Prerequisite: ENGL 17000, COM 13000, COM 15100, COM 15400, and junior standing. Offered: fall and spring semesters.

**COM 36300 - Creative Advertising Concepts (3)**

This course offers a focused examination of the creative processes involved in developing promotional messages, from brainstorming, through strategic message revision, to finished tactical message execution. Emphases will include practicing the tactics of the creative promotional concept execution, including targeting and tailoring promotional messages by integrating verbal and graphic message components for delivery across a variety of media platforms, including print, outdoor, broadcast, and interactive. Prerequisite: COM 23300 and COM 24200 and COM 30700. Offered: intermittently.

**COM 37000 - History of Film (3)**

(GE-CrsCl) This course is a study of the historical perspective of film from the efforts of early American and European filmmakers through the works of contemporary artists around the world. Emphasis will be placed on the ART of film making, and its reflection of culture. Films would include works from Griffith, Eisenstein, Truffaut, Bergman, Kurosawa, and others. Open to all students. Prerequisite: ENGL 17000. Offered: fall and spring semesters.

**COM 37100-37199 - Practicum in Production (1-3)**

Students will learn and apply skills in a specific area of digital cinema, television, and motion media production. Course may be repeated for additional credit if taken under a different topic. Prerequisite: COM 15400. Offered: intermittently.

**COM 37200-37299 - Practicum in Post-Production (1-3)**

Students will learn and apply skills in a specific area of digital cinema, television, and motion media post-production. Course may be repeated for additional credit if taken under a different topic. Prerequisite: COM 15400. Offered: intermittently.

**COM 37300-37399 - Practicum in Producing (1-3)**

Students will learn and apply skills related to a specific aspect of producing and coordinating digital cinema, television, and motion media projects. Course may be repeated for additional credit if taken under a different topic. Prerequisite: COM 15400. Offered: intermittently.

**COM 37400-37499 - Practicum in Scriptwriting (1-3)**

Students will learn and apply skills related to a specific type of scriptwriting for digital cinema, television and/or motion media. Course may be repeated for additional credit if taken under a different topic. Prerequisite: COM 15400. Offered: intermittently.

**COM 37500-37599 - Topics in Media Studies (1-3)**

Students will explore media theory and criticism as they relate to a chosen genre, era, or type of film, television, or other motion medium. Course may be repeated for additional credit if taken under a different topic. Prerequisite: ENGL 17000. Offered: intermittently.

**COM 37600 - Asian Cinema (3)**

(GE-CrsCl) This course is a survey of historical and contemporary Asian films, particularly those of Japan, China, India, and Korea. Emphasis will be placed on the social/cultural significance of selected Asian motion pictures and their

relationship to Western counterparts. The course will concentrate on the definitive works of major Asian film directors, including Kurosawa, Ozu, Tsui, Wong, and Woo. Prerequisite: ENGL 17000.

**COM 37700-37799 - Advanced Media Literacy Topics (3)**

These courses offers innovative challenges in the study of media and its influence on technologically-driven culture and the influences of culture on media. Contemporary issues will be researched. Prerequisite: Specific to the topic being offered; prerequisites are expected to vary.

**COM 38300 - Television News Reporting (3)**

Students will develop mastery of the television news package as the preeminent format of broadcast journalism. Students learn to plan, shoot, report, and edit news stories as reporter packages for use in traditional television newscasts. Prerequisite: COM 15400 and COM 24200. Offered: fall and spring semesters.

**COM 40100 - Mass Communications Law (3)**

Students investigate the study of laws which affect and regulate the mass media. This course includes a study of constitutional, statutory, and administrative laws. Prerequisite: Completion of 12 credits in Communication. Offered: fall and spring semesters.

**COM 40200-40299 - Focus in Web (3)**

Techniques in web architecture are constantly changing. This course ensures that the IMWD program is flexible enough to provide students with exposure to the latest techniques, trends, and applications focused on a variety of aspects of design. Prerequisite: Specific to the topic being offered; prerequisites are expected to vary.

**COM 40600 - Investigative Reporting (3)**

Mining databases and primary source material is central to investigative journalism, often considered a vital component of a free and democratic society. Students study a variety of investigative techniques while they plot out and complete their own investigations. Prerequisite: COM 30600. Offered: intermittently.

**COM 40601-40699 - Focus in Interactive (3)**

Techniques in interactive media are constantly changing. This course ensures that the IMWD program is flexible enough to provide students with exposure to the latest techniques, trends, and applications focused on a variety of aspects of design. Prerequisite: Specific to the topic being offered; prerequisites are expected to vary.

**COM 40700-40799 - Focus in Design (3)**

Techniques in design are constantly changing. This course ensures that the IMWD program is flexible enough to provide students with exposure to the latest techniques, trends, and applications focused on a variety of aspects of design. Prerequisite: Specific to the topic being offered; prerequisites are expected to vary.

**COM 42400 - Applications for Mobile Devices (3)**

This is an introductory hands-on course focused on the creation of web applications for deployment on multiple platforms such as personal computers, tablets, and smartphones. Topics will include connectivity, interface design, application architectures, and

programming. Students will gain skills necessary to develop applications that utilize the unique hardware and communication capabilities of a variety of devices. This course is project based and will likely require extensive time commitment outside of class time. Lab fee required. Prerequisite: CSC 10011, CSC 10022, or COM 13600; and either COM 33400 or CSC 34400. Offered: intermittently.

**COM 42700 - Advertising Campaign Management (3)**

This course offers a comprehensive study of the processes involved in the development and deployment of successful advertising campaigns and will focus on the conceptualization, planning, budgeting, project timeline development and measurements of success and other stages of these campaigns. Creating a media plan, market segmentation overview and analysis of response rate are part of this class. An understanding of expectations, investment and return on investment will be reviewed as well. Prerequisite: COM 36300. Offered: intermittently.

**COM 44200 - Promotional & Public Relations Copy Writing (3)**

This course offers a focused examination and practice of the special skills required in writing for public relations and marketing communications programs. Emphases will include planning and executing written assignments for both advertising and publicity placement in a variety of print and electronic media, including converged media on the World Wide Web. Students will be encouraged to select organizational clients both within and outside the university and to compose work of professional quality sufficient to warrant both inclusion in a professional portfolio and organizational support for its publication/placement. Prerequisite: ENGL 17000 and COM 24200 and COM 32800. Offered: intermittently.

**COM 44300 - Interactive Web Development (3)**

This course is lab based and focuses on the development of web environments and components that provide enhanced methods of interaction to the user. Emphasis on animation, programming, and manipulation of both vector and bitmap images should be expected. Lab fee required. Prerequisite: COM 33400. Offered: intermittently.

**COM 44401 - Advanced Interactive Scripting (3)**

Advanced Interactive Scripting provides an opportunity to focus on the use of scripting and programming logic to facilitate interaction in a variety of venues. Through a hands-on approach, students will gain exposure and experience in the creation of animations, games, galleries, media players, and user interfaces. Lab fee required. Prerequisite: COM 33400.

**COM 44420 - Interactive Media and Web Design Firm (3)**

This course provides students with real-world experience in the design of digital and print content for non-profit entities in our community. Students will work directly with clients in the development of websites, logos, print materials, interactive applications, and overall branding strategies. The course will operate much like a design firm. Students will collaborate on projects, present deliverables to clients, research solutions to client requests, and revise work based on client feedback.

Prerequisite: Interactive Media and Web Design major or minor, junior status, minimum GPA of 3.3.

**COM 44444 - Interactive Media and Web Design Firm II (3)**

This course provides students with real-world leadership experience in the design of digital and print content for both Lindenwood and non-profit entities in the community. Students will lead design teams in working directly with clients in the development of websites, logos, print materials, interactive applications, and overall branding strategies. Students will collaborate on projects, present deliverables to clients, research solutions to client requests, and revise work based on client feedback. Prerequisite: COM 44420.

**COM 45000 - Communications Internship (3)**

This course offers supervised work experience for the advanced student which requires the application of communication principles, skills and strategies in business or professional communications organizations. Repeatable with department permission. Prerequisite: junior standing, minimum 3.0 GPA, and either COM 301XX, COM 30500, COM 32800 or COM 33400. Offered: fall and spring semesters.

**COM 45101 - Cinema Capstone I (3)**

Students will produce professional-level projects appropriate to their individual areas of interest. Projects can include, but are not limited to, half-hour fiction films, documentaries, or TV spec scripts, or feature length screenplays. Lab fee required. Prerequisite: COM 35400. Offered: intermittently.

**COM 45102 - Cinema Capstone II (3)**

Students will produce professional-level projects appropriate to their individual areas of interest. Projects can include, but are not limited to, half-hour fiction films, documentaries, or TV spec scripts, or feature length screenplays. Lab fee required. Prerequisite: COM 45101. Offered: intermittently.

**COM 46000 - Mass Communications Theory (3)**

A focused historical investigation of mass communication theories, as they have evolved in response to developments in mass communication technology. Discussion will emphasize developments since the mid-19th Century. Theories will include political, sociological, and cultural models constructed to explain phenomena, both real and imagined, perceived to be characteristic of audiences' behavioral responses to increasingly rapid technological advances in, and consequent dependence on, mass communication media. Students will be expected to be able to distinguish among theories, placing them in specific historical and social contexts. Assignments will include opportunities for students to demonstrate basic capabilities in secondary research. Prerequisite: COM 30200 and senior standing. Offered: fall and spring semesters

**COM 46500 - Journalism Capstone and Ethics (3)**

This course is designed to invite analysis of a prior internship and/or practicum with special focus on journalistic ethics and contemporary controversies facing professional journalists. The capstone project requires news coverage of an assigned topic reported with portfolio level skills applied in newspaper, Internet, television and radio formats. Prerequisite: COM 30000 and COM 30600. Offered: intermittently.

**COM 48400 - Capstone Interactive Media and Web Design (3)**

The Interactive Media Web Design capstone course emphasizes work on a substantial project that reflects the knowledge and skills that a student has acquired through study in the program. The capstone course will challenge students through activities that encourage collaboration, mandate client interaction, and encourage adherence to current technological trends used in the industry. Lab fee required. Prerequisite: Interactive Media and Web Design major or minor with senior classification. Offered: intermittently.

**CSC - Computer Science****CSC 10011 - Introduction to Computer Science: Python (3)**

This course provides the student with a general orientation to computer science, including a basic understanding of the components of a computer and how they function. It will introduce the student to the process of program development and programming using the Python language. Lab fee required. Not open to students with credit in CSC 10022. Prerequisite: Placement into MTH 12100 or higher or pass a mathematics placement exam. Offered: fall and spring semesters

**CSC 10022 - Introduction to Computer Science: Javascript (3)**

This course provides the student with a general orientation to computer science, including a basic understanding of the components of a computer and how they function. It will introduce the student to the process of program development and programming using the Javascript language. Lab fee required. Not open to students with credit in CSC 10011. Prerequisite: Placement into MTH 12100 or higher or pass a mathematics placement exam. Offered: fall and spring semesters

**CSC 14400 - Computer Science I (4)**

This course is an introduction to problem solving using the JAVA programming language. Topics include algorithm and program development, syntax of JAVA, input/output statements, file I/O, assignment operations, conditional statements, iterative statements, functions, and array processing. Additional topics may be added if time permits. Lab fee required. Prerequisite: CSC 10011 or CSC 10022 or placement test. Offered: fall and spring semesters.

**CSC 24400 - Computer Science II (4)**

This course is a continuation of CSC 14400 using the C++ programming language. Topics include the basic C++ syntax for input/output, assignment statements, conditional statements iterative statements and functions. It will continue with single and multidimensional array processing, character manipulation, elementary searching and sorting techniques, structures, classes, and pointers. Lab fee required. Prerequisite: CSC 14400 with a grade of C or better. Offered: fall and spring semesters

**CSC 25500 - Assembly Language Programming (3)**

This course is an investigation of the logical basis of a particular computer from the programmer's viewpoint. Topics covered include machine representation of numbers and characters, instruction formats, machine operations and organization, and addressing techniques. Students will write programs using an

Assembly Language. Lab fee required. Prerequisite: Completion of CSC 14400 with a grade of C or better. Offered: fall semester.

**CSC 30500 - Principles of Database Systems (3)**

This course is designed to give an overview of the major themes of database theory, design and manipulation. Concepts and techniques of structuring data, on secondary storage devices, file processing, and database organization will be introduced. The network and hierarchical models will be discussed, but attention will be paid to application of database systems, conceptual modeling, the relational data model, and relational algebra. Not open to students with credit or enrollment in MIS 44040. Lab fee required. Prerequisite: C or better in CSC 24400. Offered: in fall semester.

**CSC 34400 - GUI Application Design (4)**

This course provides students with experience in Graphic User Interface (GUI) programming using both JAVA and Visual Basic programming languages. Lab Fee required. Prerequisite: C or better in CSC 24400. Offered: Fall semester.

**CSC 36000 - Data Structures and Algorithms (3)**

This course continues the study of data structures and algorithms begun in CSC 24400. It introduces the concepts of abstract data types and dynamic structures. Topics covered include: stacks, queues, linked lists, and trees. Also included are recursion, graphs, and hashing techniques. Various representations of data structures will be reviewed. Lab fee required. Prerequisite: C or better in CSC 24400. Offered: spring semester.

**CSC 38000 - Telecommunications and Computer Networking (3)**

This course offers the theoretical foundation necessary for understanding telecommunication and networking is the main focus of this course. Students will learn to define the components required for successful communications, identify various sending and receiving devices, understand the various topologies and communications technologies, and differentiate between a local area network and wide area network. Lab fee required. Prerequisite: C or better in CSC 24400. Offered: spring semester.

**CSC 40300 - Computer Architecture (3)**

The course deals with the hardware software interface and includes topics in computer performance, computer organization and structure, machine language, computer arithmetic, assembly language, addressing techniques, program segmentation and linkage, the assembly and linking process, the fundamentals of digital logic, sequential processor design and performance, and the memory hierarchy. Lab fee required. Prerequisite: C or better in CSC 25500. Offered: in fall semester.

**CSC 40500 - Computer Graphics (3)**

This course serves as the first course in computer graphics. Topics include graphics systems and packages, output primitives and their attributes, two dimensional geometric transformations and viewing, structures and hierarchical modeling, graphical user interfaces, and interactive input methods. Additional topics may include: three dimensional object representations, three dimensional geometric and modeling transformations, visible surface detection methods, illumination models and surface rendering methods, color models and applications, and computer

animation. Lab fee required. Prerequisite: C or better in CSC 24400. Offered: intermittently.

**CSC 40600 - Operating Systems (4)**

This course covers the theory and practice of modern operating system design. Topics include processor scheduling and management, memory management techniques, virtual memory, file systems, I/O and secondary storage scheduling, deadlock, concurrency, and security issues. A team project involving the simulation of an OS process management will be required. Lab fee required. Prerequisite: C or better in CSC 25500. Offered: in spring semester only.

**CSC 40800 - Organization of Programming Languages (3)**

This course is designed to give the student a deep, hands-on understanding of the essential concepts of programming languages. Techniques developed lead to the creation of scanners, parsers, and compilers. Lab fee required. Prerequisite: C or better in CSC 36000. Offered: intermittently.

**CSC 43000 - Senior Project (3)**

This course is a capstone course for all majors in computer science and computer information systems. Lab Fee required. Prerequisite: Completion of WPA or ENGL 21000, C or better in both CSC 30500 and CSC 34400. Offered: Spring semester only

**CSC 44700 - Project Management and Practice (3)**

This course prepares the student for planning, scheduling, and controlling the activities during the system development life cycle. The focus of this course is the specific role of the project manager which will include time management, cost estimation, order of activities, and determination of the responsible parties involved in the process. Lab fee required. Prerequisite: CSC 30500 and completion of WPA or ENGL 21000. Offered: in Spring semester only.

**CSC 45100 - Cooperative Education in Computer Science I (3)**

This course gives students the opportunity to earn academic credit in a planned learning process that integrates academic training with supervised work experience. These courses will be taken on a pass/fail basis. Students receive no monetary compensation for their work. Prerequisite: Completion of WPA or ENGL 21000, junior status, overall GPA of 3.0 and permission of the instructor and the student's advisor. Offered: intermittently.

**CSC 45111 - Internship (3)**

This course gives students the opportunity to earn academic credit while at the same time receiving monetary compensation. Students will work in a planned learning environment that integrates academic training with supervised work experience. This course will be taken on a pass/fail basis. Prerequisite: junior status, overall GPA of 3.0 and permission of the instructor and student's advisor. Offered: intermittently.

**CSC 45200 - Cooperative Education in Computer Science II (3)**

This course gives students the opportunity to earn academic credit in a planned learning process that integrates academic training with supervised work experience. This course will be taken on a pass/fail basis. Students receive no monetary compensation for

their work. Prerequisite: Successful completion of CSC 45100 and permission of the instructor and the student's advisor. Offered: intermittently.

**CSC 45211 - Internship (3)**

This course give students the opportunity to earn academic credit while at the same time receiving monetary compensation. Students will work in a planned learning environment that integrates academic training with supervised work experience. This course will may be taken on a pass/fail basis. Prerequisite: CSC 45111 and permission of the instructor and student's advisor. Offered: intermittently.

**CSC 40900-40999 - Topics in Computer Science (3)**

This course explores selected emerging issues and topics in the field of computer science. Topics may include Software Engineering, Human Factors in Software Design, Computers and Society, Complexity Theory, Concurrent/Parallel programming, Artificial Intelligence, Expert Systems, Computer Simulations, and Operations Research. The course may be repeated one time for credit. Lab fee required. Prerequisite: CSC 36000 plus 6 credit hours of CSC courses numbered 30000 or higher. Offered: spring semester of even numbered years.

**CSP - Chinese Studies**

**CSP 20000 - Chinese Culture and Etiquette (3)**

(GE-CrsClc) This course is an introduction to the cultural norms and etiquette necessary for anyone who wants to do business or reside in China for any period of time. Prerequisite: ANT 11200 or SOC 10200. Offered: spring semester.

**CSP 35000 - History of Traditional Chinese Civilization (3)**

(GE-CrsClc) This course is an in-depth study of the civilization of China from its early developments through 1644, the beginning of the last of China's dynasties. The emphasis of this course is on the evolution of China's traditional institutions, culture, and philosophy. It is during this period that the Chinese people created the major facets of their civilization still evident today. It is in this period that the great religions of China, Buddhism, Daoism, and Confucianism, arose and shaped the Chinese world view. Prerequisite: CSP 20000 and ENGL 17000. Offered: fall semester.

**CSP 35100 - History of Modern Chinese Civilization (3)**

(GE-CrsClc) This course is an in-depth study of the civilization of China from its last dynasty through China today. The class will cover the transformation of Chinese society and civilization in the past two centuries in terms of its institutions, culture, and philosophy. Understanding China today and China's relationship with the world can only be measured in terms of changes in perception that have taken place in contemporary times. China's advanced economic development, its relationship with the United States, and its efforts for technological advancement came as a result of the experience of wars, revolutions, and political upheaval. Prerequisite: CSP 20000 and ENGL 17000. Offered: spring semester.

**CSP 37000 - Contemporary China: China in Revolution (3)**

This course will examine the history of China from its first revolution in 1911 to its rise as an economic giant today. It will

cover aspects of China's political, economic, and international relations in the twentieth and twenty-first centuries. Topics in this course include the revolutionary upheavals of the twentieth century, the Second World War, the struggle of Nationalists and Communists, and China under Mao Zedong and Deng Xiaoping. Prerequisite: HIS 20500 and ENGL 17000. Offered: fall semester.

**CSP 40000 - Ming and Qing China: 1368-1839 (3)**

This course will examine the history of China from the beginning of the Ming dynasty to China's first series of wars with Western powers. It will cover aspects of China's dynastic cycles, its attempts to explore and trade with the world, and its enforced isolation. Topics in this course include the treasure fleets and the tributary system, the corruption and decline of the Ming dynasty, the conquest of China by the Manchus, and the flourishing of China's last dynasty, the Qing. Prerequisite: HIS 20500 and ENGL 17000. Offered: spring semester.

**CSP 40100 - Modern China: From the Opium Wars to National Revolution, 1839-1911 (3)**

This course will examine the history of China from its first substantial interaction with the West until its first major national revolution. It will cover aspects of China's traditional system of international relations and the demise of that system, its struggle to maintain an authoritarian political system, and the significant social changes brought about through outside contact and reform. Topics in this course include the Opium Wars and the unequal treaty system, the Taiping Rebellion and the Self-Strengthening Movement, the Hundred Days Reforms and the Boxer Rebellion, and the efforts at social reform. Prerequisite: HIS 20500 and ENGL 17000. Offered: fall semester.

**DAN - Dance**

**DAN 10010 - Ballet I: Beginning Level (2)**

This is a beginning level course in the study of ballet technique, including alignment, balance, flexibility, strength, proper use of ballet movements, and use of ballet vocabulary/terminology. May be repeated for credit. Offered: every fall semester and intermittent spring semesters.

**DAN 10011 - Ballet I: Intermediate Level (2)**

This course is designed for the first year student with previous ballet training. May be repeated for credit. Prerequisite: Dance placement class. Offered: fall and spring semesters.

**DAN 10012 - Ballet I: Advanced Level (2)**

This course is for the first year student who enters the program with extensive training in ballet. May be repeated for credit. Prerequisite: Dance placement class. Offered: fall and spring semesters.

**DAN 10020 - Contemporary I: Beginning Level (2)**

This course is a beginning level practical study of contemporary dance techniques, forms, and styles. May be repeated for credit. Offered: intermittently.

**DAN 10021 - Contemporary I: Intermediate Level (2)**

This course is designed for the first year student with previous training in contemporary/modern dance. May be repeated for

credit. Prerequisite: Dance placement class. Offered: fall and spring semesters.

**DAN 10022 - Contemporary I: Advanced Level (2)**

This course is for the first year student who enters the program with extensive training in contemporary/modern dance. May be repeated for credit. Prerequisite: Dance placement class. Offered: fall and spring semesters.

**DAN 10030 - Jazz I: Beginning Level (2)**

This course is a beginning level practical study of jazz technique, including alignment, balance, flexibility, strength, proper execution of movements, and jazz vocabulary/terminology. May be repeated for credit. Offered: spring semester.

**DAN 10031 - Jazz I: Intermediate Level (2)**

This course is designed for the first year student with previous training in jazz dance. May be repeated for credit. Prerequisite: Dance placement class. Offered: fall and spring semesters.

**DAN 10032 - Jazz I: Advanced Level (2)**

This course is for the first year student who enters the program with extensive training in jazz dance. May be repeated for credit. Prerequisite: Dance placement class. Offered: fall and spring semesters.

**DAN 10040 - Tap I: Beginning Level (2)**

This course is a beginning level practical study of tap dance, including body alignment, balance, coordination, counting, improvisation, and musicality. May be repeated for credit. Offered: fall semester.

**DAN 10041 - Tap I: Intermediate Level (2)**

This course is designed for the first year student with previous training in tap dance. May be repeated for credit. Prerequisite: Dance placement class. Offered: fall and spring semesters.

**DAN 10042 - Tap I: Advanced Level (2)**

This course is for the first year student who enters the program with extensive training in tap dance. May be repeated for credit. Prerequisite: Dance placement class. Offered: spring semester.

**DAN 10100 - Introduction to Dance (3)**

(GE-Fine Art) This course is a beginning level movement course in dance techniques, body awareness, creativity, and cultural appreciation. Students are introduced to various styles and genres of dance including ballet, modern, contemporary, jazz, tap, hip hop, ballroom, social dance, and world dance forms, through the technique, history and social relevance of each style/genre. Offered: fall and spring semesters.

**DAN 17000 - First Year Seminar in Dance (1)**

This course is an orientation to the field of dance for dance majors, including opportunities within the department and various dance companies and organizations. Offered: fall semester.

**DAN 17100 - Dance as an Art (3)**

(GE-FineArt/CrsClt) This course is an introduction to dance styles, techniques, production elements, and the role of dance in culture. Previous dance experience is not required. Offered: every spring semester and intermittently in the summer.



**DAN 19000-19099 - Special Topics in Dance (1-3)**

Special topics in dance. May be repeated as topics vary. Course fee may be required. Prerequisite: permission of dean. Offered: intermittently.

**DAN 20011 - Ballet II: Intermediate Level (2)**

This course is a continuation of DAN 10011. May be repeated for credit.

Prerequisite: DAN 10011 and placement class. Offered: fall and spring semesters.

**DAN 20012 - Ballet II: Advanced Level (2)**

This course is a continuation of DAN 10012. May be repeated for credit. Prerequisite: DAN 10012 and placement class. Offered: fall and spring semesters.

**DAN 20021 - Contemporary II: Intermediate Level (2)**

This course is continuation of DAN 10021. May be repeated for credit. Prerequisite: DAN 10021 and placement class. Offered: fall and spring semesters.

**DAN 20022 - Contemporary II: Advanced Level (2)**

This course is a continuation of DAN 10022. May be repeated for credit. Prerequisite: DAN 10022 and placement class. Offered: fall and spring semesters.

**DAN 20031 - Jazz II: Intermediate Level (2)**

This course is a continuation of DAN 10031. May be repeated for credit. Prerequisite: DAN 10031 and placement class. Offered: fall and spring semesters.

**DAN 20032 - Jazz II: Advanced Level (2)**

This course is a continuation of DAN 10032. May be repeated for credit. Prerequisite: DAN 10032 and placement class. Offered: fall and spring semesters.

**DAN 20041 - Tap II: Intermediate Level (2)**

This course is a continuation of DAN 10041. May be repeated for credit. Prerequisite: DAN 10041 and placement class. Offered: fall and spring semesters.

**DAN 20042 - Tap II: Advanced Level (2)**

This course is a continuation of DAN 10042. May be repeated for credit. Prerequisite: DAN 10042 and placement class. Offered: spring semester.

**DAN 20050 - Dance Theory and Composition I (2)**

This course is an exploration of basic compositional theories of dance through mastery of improvisational movement techniques and choreography. Prerequisite: sophomore standing. Offered: fall semester.

**DAN 20055 - Dance Theory and Composition II (2)**

This course is an extension of DAN 20050 with an emphasis on group dance. Prerequisite: DAN 20050 and MUS 11800 Offered: spring semester.

**DAN 23000 - Musical Theatre Dance (3)**

This course is designed to prepare students for musical theatre dance auditions, including study of various styles, movements, and choreography used in professional musical theater productions. Prerequisite: two semesters of ballet technique and

one semester of jazz technique. Offered: spring semester of odd numbered years.

**DAN 26000 - Anatomy for Dancers (3)**

This course is a study of anatomical principles as they apply to dance training and performance. Emphasis on optimal dance movement and the related principles for understanding the function of bones, joints, and muscles in movement, and the physiological systems that support these functions. By applying these principles, dancers can help reduce their risk of injury, enhance their performance longevity, and improve their own teaching of dance techniques. Prerequisite: sophomore standing. Offered: fall semester of even numbered years.

**DAN 27100 - Dance History (3)**

This course is a study of historical concepts in dance, including European origins of classical ballet, Africanist contributions, and postmodern impulses with an emphasis on aesthetic, cultural, and political themes. Prerequisite: DAN 17100 Offered: spring semester of even numbered years.

**DAN 27200 - Content and Standards for K-12 Dance Education (2)**

This course introduces candidates seeking K-12 dance certification to learning outcomes for students in grades K-1, 2-3, 4-5, 6-8, and 9-12 through the design of instructional units that pair established standards with diverse and exemplary methods, materials, and repertoires. Prerequisite: EDU 11100 and 20200 or permission of dean. Offered: intermittently.

**DAN 29000-29099 - Special Topics in Dance (1-3)**

Special topics in dance. May be repeated as topics vary. Course fee may be required. Prerequisite: permission of dean. Offered: intermittently.

**DAN 30011 - Ballet III: Intermediate Level (2)**

This course is a continuation of DAN 20011. May be repeated for credit. Prerequisite: DAN 20011 and placement class. Offered: fall and spring semesters.

**DAN 30012 - Ballet III: Advanced Level (2)**

This course is a continuation of DAN 20012. May be repeated for credit. Prerequisite: DAN 20012 and placement class. Offered: fall and spring semesters.

**DAN 30021 - Contemporary III: Intermediate Level (2)**

This course is a continuation of DAN 20021. May be repeated for credit. Prerequisite: DAN 20021 and placement class. Offered: fall and spring semesters.

**DAN 30022 - Contemporary III: Advanced Level (2)**

This course is a continuation of DAN 20022. May be repeated for credit. Prerequisite: DAN 20022 and placement class. Offered: fall and spring semesters.

**DAN 30031 - Jazz III: Intermediate Level (2)**

This course is a continuation of DAN 20031. May be repeated for credit. Prerequisite: DAN 20031 and placement class. Offered: fall and spring semesters.

**DAN 30032 - Jazz III: Advanced Level (2)**

This course is a continuation of DAN 20032. May be repeated for credit. Prerequisite: DAN 20032 and placement class. Offered: fall and spring semesters.

**DAN 30041 - Tap III: Intermediate Level (2)**

This course is a continuation of DAN 20041. May be repeated for credit. Prerequisite: DAN 20041 and placement class. Offered: fall and spring semesters.

**DAN 30042 - Tap III: Advanced Level (2)**

This course is a continuation of DAN 20042. May be repeated for credit. Prerequisite: DAN 20042 and placement class. Offered: spring semester.

**DAN 30050 - Dance Theory and Composition III (2)**

This course is an extension of DAN 20055 with added emphasis on compositional form and structure as well as elements of music and other factors that affect the performance quality of dance choreography and performance. Prerequisite: DAN 20055 with a grade of C or better. Offered: fall semester of even numbered years.

**DAN 30055 - Dance Theory and Composition IV (2)**

This course is an extension of DAN 30050 with special focus on advanced level composition and analysis specific to the individual student's professional career objectives. Prerequisite: DAN 30050 with a grade of C or better. Offered: spring semester of odd numbered years.

**DAN 30300 - Dance Performance Practicum (1)**

This practicum course is open to all students by permission, and requires participation in public dance performances. May be repeated for credit. Prerequisite: Permission of dean. Offered: fall and spring semesters.

**DAN 30350 - Dance Composition Practicum (1)**

This practicum course is open to all students by permission, and requires public presentation of choreography. May be repeated for credit. Prerequisite: Permission of dean. Offered: fall and spring semesters.

**DAN 36000 - Dance Kinesiology (3)**

The purpose of this course is to facilitate the exploration of dance kinesiology through investigation of anatomical and biomechanical principles used to optimize performance. Lessons will be constructed to enhance the embodiment of scientific information (fact and theory) in order to better understand the dancing body, reduce injury, expel myths, and enhance performance. With opportunities to increase efficiency of movement, self-analyze movement tendencies, and study choreography, students will gain practical information in which to continue exploring. Prerequisite: DAN 26000 Offered: spring semester of odd numbered years.

**DAN 37100 - Dance in the 21st Century (3)**

(GE-Fine Art/CrsClt) This course explores the history and role of dance in different cultures. Through video observations, readings, and class discussions, students will be exposed to the multicultural influences on dance in today's society. Previous dance experience is not required. Prerequisite: ENGL 17000 and DAN 10100 or DAN 17100. Offered: spring semester.

**DAN 37200 - Dance Pedagogy (3)**

This course is a survey of principles and practices of teaching dance in schools and private studio settings. Prerequisite: permission of dean. Offered: fall semester of odd numbered years.

**DAN 37400 - Dance and Technology (3)**

This course is designed to prepare students to enter the professional workforce through the study of software applications useful in the creation and enhancement of an electronic portfolio highlighting performance, choreography, and teaching abilities. Areas of study include sound score design, video editing, and graphics manipulation. Lab fee required. Prerequisite: MUS 11800 or permission of dean. Offered: spring semester of odd numbered years.

**DAN 37500 - University Dance Ensemble (1)**

This course is open by audition only and focuses on choreography and performance, including public performances on campus and in various off-campus venues, workshops, and community outreach. May be repeated for credit. Prerequisite: audition. Offered: offered Fall and Spring semesters.

**DAN 39000-39099 - Special Topics in Dance (1-3)**

Special topics in dance. May be repeated for credit as topics vary. Course fee may be required. Prerequisite: permission of dean. Offered: intermittently

**DAN 40012 - Ballet IV: Advanced Level (2)**

This course is for the advanced ballet student and focuses on performance qualities and preparation for entrance into graduate dance programs and professional employment in the field. May be repeated for credit.

Prerequisite: DAN 30012 and placement class. Offered: fall and spring semesters.

**DAN 40022 - Contemporary IV: Advanced Level (2)**

This course is for the advanced level contemporary dancer and focuses on preparation for entrance into graduate dance programs and professional employment in the field. May be repeated for credit. Prerequisite: DAN 30022 and placement class. Offered: fall and spring semesters.

**DAN 40032 - Jazz IV: Advanced Level (2)**

This course is for the advanced level jazz dancer and focuses on performance qualities in a variety of jazz styles. May be repeated for credit. Prerequisite: DAN 30032 and placement class. Offered: fall and spring semesters.

**DAN 40042 - Tap IV: Advanced Level (2)**

This course is for the advanced level tap dancer and focuses primarily on a variety of rhythm tap styles. May be repeated for credit. Prerequisite: DAN 30042 and placement class. Offered: spring semester.

**DAN 42500 - Pointe Technique (2)**

This course offers intermediate and advanced studies in pointe techniques and variations for students with special interest. May be repeated for credit. Prerequisite: permission of dean. Offered: intermittently.

**DAN 47000 - Senior Seminar in Dance (1)**

This course serves as a preparatory course for DAN 47200 (capstone course for dance majors). Pass/Fail grading. Prerequisite: Senior standing, successful completion of the WPA or ENGL 21000, and permission of dean. Offered: fall semester.

**DAN 47100 - Dance Criticism (3)**

This course is a study of the major theoretical and critical lines of thought that have shaped understanding of dance, its role in society, and its reception, use, and appreciation throughout history. Prerequisite: Senior standing. Offered: fall semester of odd numbered years.

**DAN 47200 - Senior Project (3)**

Capstone course for dance majors that requires a culminating project in one of the following areas: choreography, performance, dance history, dance pedagogy, or an approved special topic. Prerequisite: passing grade in DAN 47000 and permission of dean. Offered: spring semester.

**DAN 47500 - Professional Internship in Dance (1-6)**

Supervised work experience for the advanced student which requires the application of principles, skills, and strategies within the discipline. Requires signed internship agreement by student, faculty of record, and supervisor representing host organization. May be repeated for a maximum of six credit hours. Prerequisite: Junior standing, successful completion of the WPA or ENGL 21000, and permission of dean. Offered: intermittently.

**DAN 49000-49099 - Special Topics in Dance (1-3)**

Special topics in dance. May be repeated as topics vary. Course fee may be required. Prerequisite: permission of dean. Offered: intermittently.

**ECON - Economics****ECON 23010 - Survey of Economics (3)**

(GE-SocSci) This course introduces basic economics concepts, relationships, and institutions. It provides a foundation for applying economics to individual decision-making and for critically analyzing aggregate economic behavior and policy. Topics covered include supply and demand, consumer choice, competition, monopoly, the labor market, government intervention, business cycles, fiscal policy, money and banks, monetary policy, and international trade. Please note, this course satisfies one social science general education requirement, but does not fulfill core or elective requirements for business majors. Offered: fall and spring semesters.

**ECON 23020 - Principles of Microeconomics (3)**

(GE-SocSci) This course introduces students to economic concepts, relationships, and institutions related to individual and firm decision-making. Supply, demand, and opportunity cost are used to analyze the actions of individuals and firms in a market framework. Topics covered include marginal analysis, production possibilities, elasticity, household and consumer choice, firm production and costs, profit maximization, input markets, and market structures. This course must be taken by all business majors to fulfill one GE Social Science requirement (ECON 23010 may not be substituted), and a grade of C or better must be earned; any student majoring in a business discipline who does

not earn a grade of C or better will be required to repeat the course and earn a minimum grade of C in order to continue in the business degree program. Lab fee may be required. Prerequisite: a C or better in MTH 14100, MTH 14200, MTH 15100, MTH 15200, MTH 17500, MTH 24100, MTH 27100 or MTH 27200. Offered: fall and spring semesters.

**ECON 23030 - Principles of Macroeconomics (3)**

(GE-SocSci) This course introduces students to economic concepts, relationships, and institutions related to the aggregate economy. Keynesian and classical analysis is used to analyze the effect of fiscal and monetary policy actions on employment, output, and prices. Topics covered include business cycles, economic growth, unemployment, inflation, aggregate demand/supply, fiscal policy, monetary policy, and international trade. This course must be taken by all business majors as a part of the business core requirement (ECON 23010 may not be substituted.) Lab fee may be required. Prerequisite: a C or better in MTH 14100, MTH 14200, MTH 15100, MTH 15200, MTH 17500, MTH 24100, MTH 27100 or MTH 27200. Offered: fall and spring semesters. Although not required, it is recommended that students complete ECON 23020 prior to taking ECON 23030.

**ECON 31200-31299 - Directed Studies in Economics (3)**

An independent structured learning experience will be developed to ensure students' knowledge and competencies are achieved in selected topics. Areas of specific need will be pursued to supplement normal classroom instruction. Prerequisite: Permission of the instructor and dean of the School of Business & Entrepreneurship. Also required is the successful completion of the Writing Proficiency Assessment (WPA) or ENGL 21000. Offered: By arrangement only.

**ECON 33020 - Managerial Economics (3)**

This course explores the theory of firm decision-making in various market environments through an applications-based approach; economic theory is integrated with other business disciplines. Prerequisite: a C or better in ECON 23020 and ECON 23030. Also required is the successful completion of the Writing Proficiency Assessment (WPA) or ENGL 21000. Offered: spring semester.

**ECON 33025 - Money and Banking (3)**

This course extends macroeconomic policy analysis with emphasis on the role of financial markets, financial intermediaries, foreign exchange markets, and the Federal Reserve. Prerequisite: a C or better in ECON 23030. Also required is the successful completion of the Writing Proficiency Assessment (WPA) or ENGL 21000. Offered: fall semester.

**ECON 33035 - Current Economic & Social Issues (3)**

(GE-CrsCl) This course applies basic principles of microeconomics to analyze current economic and social issues and policies. Topics covered include taxes, rent controls, the minimum wage, discrimination, immigration, education, healthcare, agriculture, social welfare, the environment, and international trade. Prerequisite: a C or better in ECON 23010 or ECON 23020. Also required is the successful completion of the

Writing Proficiency Assessment (WPA) or ENGL 21000.  
Offered: fall semester.

**ECON 33040 - Intermediate Microeconomics (3)**

This course examines and expands on the concepts introduced in ECON 23020 and introduces additional tools of economic analysis. Topics covered include partial equilibrium analysis using supply and demand, utility maximization, elasticity, welfare economics, and the behavior of competitive firms. The course also introduces theories of market failures such as monopoly, externalities, and public goods. Prerequisite: a grade of C or better in ECON 23020. Also required is the successful completion of the Writing Proficiency Assessment (WPA) or ENGL 21000. Offered: fall semester.

**ECON 33045 - Intermediate Macroeconomics (3)**

This course examines and explores theories and models introduced in ECON 23030 to deepen student understanding of the factors influencing the macroeconomy. Fiscal and monetary policies are also analyzed in greater depth. Various schools of economic thought-Classical, Keynesian, and Monetarist-are compared and contrasted. Material is presented in the context of recent U.S. economic events. Prerequisite: a grade of C or better in ECON 23030. Also required is the successful completion of the Writing Proficiency Assessment (WPA) or ENGL 21000. Offered: spring semester.

**ECON 33055 - Economics and the Environment (3)**

This course introduces students to the economics of environmental and natural resource problems. Topics covered include externalities, public goods, property rights, the economics of pollution control and global climate change, the principles of cost-benefit analysis, and the economics of renewable and non-renewable resources. Prerequisite: a C or better in ECON 23020. Also required is the successful completion of the Writing Proficiency Assessment (WPA) or ENGL 21000. Offered: spring semester.

**ECON 33060 - History of Economic Thought (3)**

This course examines the development of economic theory from the Mercantilists to the present. It focuses on the major trends in the evolution of economic theory and tools. Possible roles of existing economic and social conditions and developments in other fields are examined. Prerequisite: grades of C or better in ECON 23020 and ECON 23030. Also required is the successful completion of the Writing Proficiency Assessment (WPA) or ENGL 21000. Offered: intermittently.

**ECON 33065 - Seminar in Economic Federalism (3)**

This course familiarizes students with historical shifts in the American tradition in light of current issues. Concepts may include the law of unintended consequences, decentralism, the role of civil society, and others. Students will apply the concepts to current social issues. Note that course has one classroom meeting per week and a weekend-long conference in April. Prerequisite: a grade of C or better in ECON 23010 or ECON 23020. Also required is the successful completion of the Writing Proficiency Assessment (WPA) or ENGL 21000. Offered: spring semester.

**ECON 39000-39999 - Special Topics in Economics (1-3)**

**ECON 43010 - Labor Economics (3)**

Analysis of labor markets and differences in wage rates and incomes. Topics include returns to education and training, labor unions, unemployment, anti-poverty programs, and other government policies influencing the labor market. Prerequisite: ECON 33040 and ECON 33045. Also required is the successful completion of the Writing Proficiency Assessment (WPA) or ENGL 21000. Offered: intermittently.

**ECON 43020 - Public Economics (3)**

A rigorous treatment of the economics of the public sector. Emphasis will be placed on government expenditure and taxation. Possible topics include tax incidence, optimal taxation, dynamic analysis of fiscal policy, public goods, externalities, and public choice theory. Prerequisite: ECON 33040 and ECON 33045. Also required is the successful completion of the Writing Proficiency Assessment (WPA) or ENGL 21000. Offered: intermittently.

**ECON 43030 - Urban and Regional Economics (3)**

Economic functions of cities; economic interrelationships between urban core and greater metropolitan area. Problems of location, land use, industrial and population distribution, race, housing, transportation. Prerequisite: ECON 33040. Also required is the successful completion of the Writing Proficiency Assessment (WPA) or ENGL 21000. Offered: intermittently.

**ECON 43078 - Econometrics (3)**

This course introduces students to various statistical methods used to estimate and test economic models. The theory and application of multivariate linear regression analysis is covered. Students will learn the basics of econometrics software and will conduct regression analysis using real data sets. Lab fee. Prerequisite: a grade of C or better in ECON 33040 or ECON 33045 or permission of the dean. Also required is the successful completion of the Writing Proficiency Assessment (WPA) or ENGL 21000. Offered: spring semester.

**ECON 43095 - Internship (1-9)**

The Internship Program is designed to expose the student to a variety of practical business environments. This exposure will permit the student to observe and experience firsthand how businesses function in today's society. Prerequisite: permission of the dean, faculty advisor, and internship coordinator, junior standing, and a cumulative GPA of 2.50 overall and a cumulative GPA of 3.0 in all required degree courses. Also required is the successful completion of the Writing Proficiency Assessment (WPA) or ENGL 21000. Offered: fall and spring semesters.

**ECON 41200-41299 - Directed Studies in Economics (1-6)**

An independent structured learning experience will be developed to ensure students' knowledge and competencies are achieved in selected topics. Areas of specific need will be pursued to supplement normal classroom instruction. Prerequisite: Permission of the instructor and dean of the School of Business & Entrepreneurship. Also required is the successful completion of the Writing Proficiency Assessment (WPA) or ENGL 21000. Offered: By arrangement only.

**ECON 49000-49999 - Special Topics in Economics (1-3)****EDI - Education: Technology and Engineering (St Louis Community College-Florissant Valley)****EDI 10000 - Engineering Drawing (SLCC-FV) (3)**

SLCC-FV course number EGR 100. Please see the SLCC catalog and published offering for additional information.

**EDI 10100 - Welding Technology (SLCC-FV) (3)**

SLCC-FV course number ME 101. Please see the SLCC catalog and published offering for additional information.

**EDI 10400 - Electronic Drafting (SLCC-FV) (2)**

SLCC-FV course number EGR 104. Please see the SLCC catalog and published offering for additional information.

**EDI 10600 - IBM Personal Computer Installation and Repair (SLCC-FV) (1)**

SLCC-FV course number EE 106. Please see the SLCC catalog and published offering for additional information.

**EDI 10800 - Construction Methods (SLCC-FV) (3)**

SLCC-FV course number CE 108. Please see the SLCC catalog and published offering for additional information.

**EDI 10900 - Personal Computer Configuration (SLCC-FV) (1)**

SLCC-FV course number EE 109. Please see the SLCC catalog and published offering for additional information.

**EDI 11000 - Technical Electric Circuits I (SLCC-FV) (4)**

SLCC-FV course number EE 110. Please see the SLCC catalog and published offering for additional information.

**EDI 11100 - Technical Electric Circuits II (SLCC-FV) (4)**

SLCC-FV course number EE 111. Please see the SLCC catalog and published offering for additional information.

**EDI 11600 - Construction Blueprint Reading (SLCC-FV) (3)**

SLCC-FV course number CE 116. Please see the SLCC catalog and published offering for additional information.

**EDI 12101 - Principles of Engineering (SLCC-FV) (3)**

SLCC-FV course number GE 121. Please see the SLCC catalog and published offering for additional information.

**EDI 12102 - Fundamentals of Digital Electronics (SLCC-FV) (3)**

SLCC-FV course number EE 121. Please see the SLCC catalog and published offering for additional information.

**EDI 12103 - Computer Integrated Manufacturing (SLCC-FV) (3)**

SLCC-FV course number ME 121. Please see the SLCC catalog and published offering for additional information.

**EDI 12200 - Engineering Design and Development (SLCC-FV) (3)**

SLCC-FV course number GE 122. Please see the SLCC catalog and published offering for additional information.

**EDI 13000 - Electric Circuits I (SLCC-FV) (4)**

SLCC-FV course number EE 130. Please see the SLCC catalog and published offering for additional information.

**EDI 13100 - Electric Circuits II (SLCC-FV) (4)**

SLCC-FV course number EE 131. Please see the SLCC catalog and published offering for additional information.

**EDI 13101 - Computer Art Studio (SLCC-FV) (3)**

SLCC-FV course number ART 131. Please see the SLCC catalog and published offering for additional information.

**EDI 13200 - Electronic Devices (SLCC-FV) (5)**

SLCC-FV course number EE 132. Please see the SLCC catalog and published offering for additional information.

**EDI 13300 - Introduction to AutoCAD I (SLCC-FV) (2)**

SLCC-FV course number EGR 133. Please see the SLCC catalog and published offering for additional information.

**EDI 13301 - Graphic Design I (SLCC-FV) (3)**

SLCC-FV course number ART 133. Please see the SLCC catalog and published offering for additional information.

**EDI 13900 - 3-D AutoCAD with Autoshade (SLCC-FV) (2)**

SLCC-FV course number EGR 139. Please see the SLCC catalog and published offering for additional information.

**EDI 14000 - Computer Aided Drafting and Design I (SLCC-FV) (3)**

SLCC-FV course number EGR 140. Please see the SLCC catalog and published offering for additional information.

**EDI 14001 - Introduction to Robotics (SLCC-FV) (3)**

SLCC-FV course number ME 140. Please see the SLCC catalog and published offering for additional information.

**EDI 14100 - Introduction to AutoCAD II (SLCC-FV) (2)**

SLCC-FV course number EGR 14100. Please see the SLCC catalog and published offering for additional information.

**EDI 14500 - Computer Solids Modeling (SLCC-FV) (2)**

SLCC-FV course number EGR 145. Please see the SLCC catalog and published offering for additional information.

**EDI 14700 - Introduction to Engineering Design (SLCC-FV) (3)**

SLCC-FV course number EGR 147. Please see the SLCC catalog and published offering for additional information.

**EDI 14800 - Solid Modeling with Unigraphics (SLCC-FV) (2)**

SLCC-FV course number EGR 148. Please see the SLCC catalog and published offering for additional information.

**EDI 15100 - Manufacturing Processes I (SLCC-FV) (3)**

SLCC-FV course number ME 151. Please see the SLCC catalog and published offering for additional information.

**EDI 15200 - Manufacturing Processes II (SLCC-FV) (3)**

SLCC-FV course number ME 152. Please see the SLCC catalog and published offering for additional information.

**EDI 16500 - Photography I (SLCC-FV) (3)**

SLCC-FV course number ART 165. Please see the SLCC catalog and published offering for additional information.

**EDI 22300 - Basic Hydraulics I (SLCC-FV) (2)**

SLCC-FV course number ME 223. Please see the SLCC catalog and published offering for additional information.

SLCC-FV course number ME 223. Please see the SLCC catalog and published offering for additional information.

**EDI 23000 - Introduction to 3-D Solid Modeling for Design (SLCC-FV) (4)**

SLCC-FV course number ME 130. Please see the SLCC catalog and published offering for additional information.

**EDI 24100 - Numerical Control Programming (SLCC-FV) (3)**

SLCC-FV course number ME 241. Please see the SLCC catalog and published offering for additional information.

**EDI 24101 - Transmission and Distribution of Power (SLCC-FV) (3)**

SLCC-FV course number EE 241. Please see the SLCC catalog and published offering for additional information.

**EDI 24900 - Materials and Metallurgy (SLCC-FV) (3)**

SLCC-FV course number ME 249. Please see the SLCC catalog and published offering for additional information.

**EDI 25500 - Advanced Computer Aided Drafting (SLCC-FV) (3)**

SLCC-FV course number EGR 255. Please see the SLCC catalog and published offering for additional information.

**EDI 25501 - Fluid Power (SLCC-FV) (3)**

SLCC-FV course number ME 255. Please see the SLCC catalog and published offering for additional information.

**EDI 25600 - Solid Modeling with CATIA (SLCC-FV) (2)**

SLCC-FV course number EGR 256. Please see the SLCC catalog and published offering for additional information.

**EDI 30100 - Construction Materials and Methods (SLCC-FV) (3)**

SLCC-FV course number CE 115. Please see the SLCC catalog and published offering for additional information.

**EDS-Education-Special-Education**

**EDS 30200 - Behavior Management (3)**

This course is designed to increase student knowledge and repertoire of ethical, effective, and efficient behavioral management techniques and programs that can be used with children and youth in general and special education, home, and community settings. Research-based conceptual models that have made and continue to make significant contributions to our knowledge of learning and behavior are reviewed and analyzed through an integrative framework. Observation and application of behavior management strategies are a part of this course.

Prerequisite: EDU 34100. Offered: fall and spring semesters.

**EDS 31800 - Introduction to Teaching Children with Disabilities in Cross-Categorical Settings (3)**

This course allows the student to examine the theories, classification system, characteristics, historical data, and related resources affecting students from the elementary through secondary levels with learning disabilities, behavior disorders, intellectual disability, and physical impairments who are placed in cross-categorical settings. Leading to teaching certification for mild and moderate disabilities K-12, service delivery models of collaborative teaching, consultative services, itinerant teaching,

and resource support services are emphasized in this course. This course is required for certification. Prerequisite: EDU 34100.

Offered: fall semester.

**EDS 32600 - Methods of Teaching Children with Disabilities in Cross-Categorical Settings (3)**

This course includes a 30 hour practicum experience and is designed for undergraduates with no paid teaching experience. Methods and materials needed in teaching students from the elementary through secondary levels in cross categorical settings are studied. Both commercial and teacher developed materials are examined. Introduction to basic research in the field of mild and moderate disabilities, as well as methodology of the development of academic related areas, perceptual, cognitive, pre vocational, and social skills are emphasized. This class will lead to teaching certification for mild and moderate disabilities K- 12. Service delivery models of collaborative teaching, consultative services, itinerant teaching, and resource support services are emphasized. This course is required for certification. Prerequisite: EDS 31800. Offered: spring semester.

**EDS 33000 - Introduction and Methods of Teaching Children with Disabilities in Cross-Categorical Settings (4)**

This course allows the student to examine the theories, classification system, characteristics, historical data, and related resources affecting diverse learners placed in cross-categorical settings. The student will examine the impact that disabilities have on the cognitive, physical, emotional, social, and communication development of an individual and examine how students differ in their approaches to learning. Methods and materials needed in adapting instruction and supporting special needs learners in general and special education programs are studied. Service delivery models including Response to Intervention (RtI), collaborative teaching, consultative services, itinerant teaching, and resource support services are emphasized in this course. Both commercial and teacher developed materials are examined. This course will meet the new Illinois certification requirement for veteran and new teachers as a special education course.

**EDS 33300 - Speech and Language Development for the Exceptional Learner (3)**

This course is designed to increase student knowledge of the characteristics of human language and how such knowledge facilitates a clearer understanding of the young special education learner. Theoretical schemes of language acquisition, the child's stages in acquisition of morphology and syntax, sound, and semantics are an integral part of the course. Prerequisite: EDU 34100. Offered: spring semester.

**EDS 33700 - Special Education Counseling (3)**

This course combines the traditional psychology of counseling with special consideration of the problems experienced by exceptional children, their families, and their teachers. Prerequisite: EDU 34100. Offered: fall and spring semesters.

**EDS 34000 - Career Development (3)**

This course emphasizes current theories and vocational development. Interest testing and aptitude testing significantly related to vocational development and their application to

occupational training are included. Prerequisite: EDU 34100. Offered: fall and spring semesters.

**EDS 35000 - Practicum for Teaching Children with Disabilities in Cross-Categorical Settings (1-3)**

This course is required concurrently for students enrolled in EDS 32600 or the semester following. Working with a special education teacher in a cross categorical setting, the student will apply the principles, techniques, strategies, and methods taught in EDS 32600. Practicum students are responsible for observing and working with special education students throughout the semester. Development of an Individual Education Program (IEP), lesson plans, and progress reports are required. This class will lead to teaching certification for mild and moderate disabilities K 12. Service delivery models of collaborative teaching, consultative services, itinerant teaching, and resource support services are emphasized. Prerequisite: EDU 34100. Offered: intermittently.

**EDS 35700 - Remediation in Elementary Math (3)**

This course focuses on (1) the teacher's knowledge of mathematical principles and remedial techniques fundamental to arithmetic and the psychological aspects of arithmetic learning; (2) the teacher's competency in the use of concrete materials embodying mathematical principles and structures; (3) the teacher's sensitivity and willingness to adapt instruction to experiential needs of students. Prerequisite: EDU 32100 or EDU 32200, EDU 31200, and two college mathematics courses. Offered: fall and spring semesters.

**EDU - Education**

**EDU 10000 - Orientation to Educational Experiences (3)**

Students will examine the roles and responsibilities of teachers. This course is designed to allow the student interested in education to investigate current issues, trends, educational reforms and legal issues in education. Historical, philosophical, theoretical, governance and financing perspectives will also be analyzed. All students planning to teach are required to take this course before or in conjunction with their first education course(s). This course is the Prerequisite for EDU 11100 School Observation. In order to prepare students for EDU 11100 when a classroom observation is required, a Criminal Record Check is required for a nominal fee for EDU 11100. Students will also pay a site license fee for their portfolio. Offered: fall and spring semesters.

**EDU 11100 - School Observation (1)**

This course provides the education student with observation experience in the school setting. Students will be required to document 30 hours and 30 entries in a reflection journal. A Criminal Record Check is required for a nominal fee for EDU 11100. Prerequisite: EDU 10000. Offered: fall and spring semesters.

**EDU 20200 - Psychology of Teaching and Learning (3)**

This course requires exploration in current topics of interest in relation to the study and application of learning theories to contemporary educational issues. Concepts, theory, models, and methods of research in developmental and educational psychology are also investigated. Offered: fall and spring semesters.

**EDU 21501 - Teacher Education Seminar I (1)**

This is a required course for all teacher education candidates entering the teacher education program beginning in fall 2013. This course provides the student an opportunity to review and synthesize the skills and content knowledge of selected subject areas of teacher certification. This course should be taken at the same time and with the same instructor as EDU 32100 or EDU 32200 Classroom Teaching and Technology. This course will assist in the developing test taking techniques in preparation for the state required certification assessments. Students are also oriented to the requirements of the culminating assessment portfolio. Students will be required to purchase Foliotek, an electronic portfolio system, if they have not already done so. Students will be oriented to the requirements of the culminating assessment portfolio. Students must also take and submit the Missouri Educator Profile (MEP) during this course. Students will describe detailed preparation to prepare for the DESE required assessments, submit rationale and reflection assignment(s), evaluate the preparation experience in each required education course, and prepare for the intensive writing requirements of EDU 40400 and EDU 41000. P/F grading. Prerequisite: EDU 20200, concurrent with EDU 32100 or EDU 32200. Students should have completed at least 6 hours of teacher education certification coursework. Corequisite: Apply to the teacher certification program. Offered: fall and spring semesters.

**EDU 21503 - Seminar for Teacher Education I (3)**

This course provides the student an opportunity to review and synthesize the skills and content knowledge of selected subject areas of teacher certification. This course will assist in developing test taking techniques in preparation for the PRAXIS II. Students are also oriented to the requirements of the culminating assessment portfolio. This is a required non-credit course for students who have completed at least 15 hours of teacher education certification coursework. Students must pass the CBASE to successfully complete this course. Students taking the course for credit will be required to log 15-45 hours (depending on enrolled credit hours) describing detailed preparation to prepare for the PRAXIS II, submit rationale and reflection assignment(s), and evaluate the preparation experienced in each required education course. P/F grading. Prerequisite: EDU 20200. Corequisite: Apply to the teacher certification program. Offered: fall and spring semesters.

**EDU 21590 - Education Assessment Review (3)**

This class is designed to help students prepare for the certification exam required for Missouri Teacher Certification. Students will become familiar assessment test specifics, including, testing formats, test registration, and score reporting. Students will spend the majority of class time engaged in individual and group study of general and subject-specific teaching skills and knowledge. Offered: J-Term.

**EDU 23100 - Elementary Music Methods (2)**

This course provides a general preparation for the teacher in the elementary classroom. A study of the principles, procedures, and objectives of school music is included. Prerequisite: Prerequisites/Concurrent: EDU 10000. Offered: fall and spring semesters.

**EDU 23300 - Elementary Art Methods (2)**

This course is designed for either the elementary classroom teacher or for the Art teacher in the elementary school. Studio work and lecture on creative expression and techniques is included. Prerequisite: Prerequisites/Concurrent: EDU 10000. Lab fee required. Offered: fall and spring semesters.

**EDU 24600 - Children's Literature (3)**

This course is a study of the history and development of literature suitable for elementary school students. Evaluation of current literature material is included. Offered: fall and spring semesters.

**EDU 24700 - Adolescent Literature (3)**

The student will explore the history and development of literature suitable for middle level and secondary education evaluation of current literature material is included. Offered: fall and spring semesters.

**EDU 27400 - Physical Education in Elementary Schools (2)**

This course covers organizational and instructional aspects of planning a sequential K-8 program of physical education, emphasizing fundamental motor skill development, rhythms, games, and sports. Offered: fall and spring semesters.

**EDU 27500 - Secondary Methods in Health Education (3)**

This course is designed to bridge the gap between theory and practice in the health education classroom. Program planning and curriculum development are emphasized, with special attention given to philosophy, content, goals and objectives, learner-centered instruction, and resources available to the learning environment. Offered: spring semester.

**EDU 27600 - Methods of Integrating Art, Music, and Movement in Elementary Education (3)**

This course is designed to provide individuals entering the teaching profession with the competencies to teach and integrate art, music, and movement as related to physical education and the performing arts. Additionally, this course will review principles behind integration in relation to the instruction of elementary students from ethnically, culturally, racially, and linguistically diverse backgrounds, who are of different genders, from various socioeconomic levels, and with differing handicapping conditions. Lesson planning, effective teaching techniques, classroom management skills, and evaluation for instructional outcomes will be studied in a unified and thematic approach to curriculum development in art, music, and movement. Lab fee required. Offered: fall and spring semesters.

**EDU 29800-29899 - Special Topics in Education (1-3)**

These courses allow the education major or minor the opportunity to develop individualized learning experiences or select from courses already being offered. Courses are subject to Dean Approval. Lab fee may be required. Offered: intermittently.

**EDU 30400 - Measurement and Evaluation to Enhance Learning (3)**

The student will experience practical approaches to ensure that classroom assessment is fair and effective. Curriculum mapping and alignment to standards are explored. Students will develop an understanding of the basic mathematics of measurement, item analysis, test score interpretation, test development, performance

assessments, standardized testing, portfolios, grading procedures, self-assessment, assessment of diverse student populations, and biases in educational assessment. Student reflection will facilitate an appreciation for the characteristics of an assessment-literate educator. Prerequisite: Prerequisite/Concurrent: EDU 10000 and EDU 20200. Offered: fall and spring semesters.

**EDU 30500 - Elementary Reading Methods (3)**

This course examines a variety of reading methodologies, materials, and evaluation items are presented and used with readers in the school system. The student will participate in a comprehensive study of the skills required for reading development, such as word attack, perception, vocabulary, and comprehension. This course includes a ten-hour practicum. Prerequisite: EDU 20200, Concurrent: EDU 32100 or EDU 32200. Offered: fall and spring semesters.

**EDU 30505 - Methods of Teaching Reading, Writing, and Oral Communication (3)**

This course is designed to provide prospective teachers with a comprehensive study of the skills required for the development of reading, writing, and oral communication. Students will be presented with a foundational knowledge of communication theory and language development including phonemic awareness, word recognition and perception, vocabulary, comprehension, and fluency. This course meets the new certification requirement for all current and future Illinois educators. Prerequisite: EDU 20200.

**EDU 30600 - Elementary/Middle School Language Arts Methods (3)**

This course involves a comprehensive study of listening, speaking, reading, writing, thinking, viewing and visually representing communication arts skills as these skills are integrated into the contemporary language and reading program. Various methods and materials are explored. Prerequisite: EDU 20200, Concurrent: EDU 32100 or EDU 32200. Offered: fall and spring semesters.

**EDU 30700 - Teaching Reading in the Content Areas (3)**

This course is designed to provide prospective teachers of Grades 5-12 with techniques for assessing and improving reading and study skills in the content areas. Students will learn to apply reading concepts, theories, and techniques to content area material by developing model lesson plans and materials. This course satisfies state requirements of completing a basic reading course for middle school and secondary certification. Prerequisite: EDU 20200. This course also requires concurrent enrollment in EDU 32100. Offered: fall and spring semesters.

**EDU 30705 - Methods of Teaching Reading in the Content Areas (3)**

This course is designed to provide prospective teachers with a comprehensive study of the skills required for reading development, teaching of reading strategies, diagnosing reading difficulties, assessing and improving reading and study skills in the content area. Students will learn to apply reading concepts, theories, and techniques to content area material by developing model lesson plans and materials. This course is approved to meet



the new certification requirement for current and future Illinois educators. Prerequisite: EDU 20200

**EDU 30900 - Analysis & Correction of Reading Disabilities (3)**

This course is designed to teach students the diagnostic/prescriptive process necessary to deal with readers at various developmental levels in the classroom. Students learn to use and analyze a variety of informal and standardized diagnostic reading tests appropriate for individual and group diagnosis. Students also learn to use commercial and teacher-made materials in conjunction with basal readers to provide appropriate instruction. Students are expected to work with a problem reader during the course. Offered: fall and spring semesters. This course is to be taken concurrently with or prior to EDU 30999 to meet early childhood, early childhood special education, and elementary education degree program requirements. Prerequisite: EDU 21500, EDU 21501, EDU 21502 or EDU 21503. EDU 30500 or EDU 30700. Offered: fall and spring semesters.

**EDU 30999 - Practicum: Analysis and Correction of Reading Disabilities (2)**

This course is required for students working towards completion of an early childhood, early childhood special education, or elementary education degree and taken concurrently with EDU 30900 or the following semester. Working with a regular classroom teacher and remedial teacher in a school setting, students will apply the testing and remediation techniques taught in EDU 30900. Practicum students are responsible for observing and working with students throughout the semester. A diagnostic report, lesson plans, and progress reports are required for each student tutored. Prerequisite: EDU 21500, EDU 21501, EDU 21502, or EDU 21503 and one of the following, EDU 30500 or EDU 30700. Offered: fall and spring semesters.

**EDU 31200 - Elementary/Middle School Mathematics Methods (3)**

This course provides a survey of approaches in the teaching of mathematics for the student preparing to teach in elementary schools. Concurrent: EDU 215XX, Prerequisite: EDU 32100 or EDU 32200 and two university level mathematics courses. Offered: fall and spring semester.

**EDU 31300 - Elementary/Middle School Social Studies Methods (3)**

This course includes the theoretical and practical aspects of the early childhood, elementary, and middle school social studies curriculum. Methodology, techniques, strategies, and materials appropriate to the area are investigated. Students are expected to plan and develop a variety of social studies instruction formats. Concurrent: EDU 215XX, EDU 32100 or EDU 32200. Offered: fall and spring semester.

**EDU 31400 - Utilizing Family and Community Resources (3)**

This course serves as an exploration of resources in the community and methods of incorporating these resources into the early childhood program. Family resources and family school relationships are studied, and materials and methods for developing such relationships that contribute to a focus of efforts.

Prerequisite: EDU 20200, Concurrent: EDU 215XX, EDU 32200. Offered: fall semester.

**EDU 31600 - Language Acquisition and Development for Young Children (3)**

This course includes a study of the nature of language, the normal sequence of language development, and an introduction to the theories of language acquisition. This course includes a concern for: understanding the influence of environment and culture in language development, development of techniques and materials for stimulating language growth, identification of speech and articulation problems and appropriate referral methods, familiarity with instruments, and techniques for assessing language development. Prerequisite: EDU 20200, Concurrent: EDU 215XX, EDU 32200. Offered: fall semester.

**EDU 31700 - Introduction to Early Childhood/Special Education (3)**

This course includes a study of basic early childhood environmental principles, which are designed to meet the needs of the developing child. Cognitive, physical, social, emotional, and creative development are investigated and observed in the early childhood setting. Curriculum and materials appropriate for early education are emphasized, as well as planning and executing activities for the young child. Growth, development, and special needs of preschool children with disabilities are discussed, including developmentally appropriate practices, assessment, material, and curriculum adaptation necessary when working with this population. A 30 hour practicum is embedded in this course. Offered: fall and spring semesters.

**EDU 31900 - Elementary/Middle School Science Methods (3)**

This course is designed to explore various methods, materials, strategies, and processes used in early childhood, elementary, and middle school science programs. Students are expected to plan, develop, and teach several science lessons using a variety of science instruction formats. Prerequisite: Prerequisite EDU 20200, Concurrent: EDU 215XX, EDU 32100 or EDU 32200. Lab fee required. Offered: fall and spring semesters.

**EDU 32000 - History and Philosophy of Education (3)**

This course is a comprehensive study of the historical structure and philosophy of American education, its roots in the past, its relationship to other present educational systems and its possible future directions. Offered: intermittently.

**EDU 32100 - Middle/High School Classroom Teaching and Technology (3)**

This course will enable the student to examine the specific techniques and procedures applicable to effective teaching at the middle school and secondary education level, including an examination of what is required to design logical, engaging, and rigorous lessons that meet the needs of all learners. This course will explore different approaches to lesson planning while concentrating on the direct teaching model. This course will also apply Blooms Taxonomy as related to lesson plan objectives and the assessments of planned lessons. The technology examined will review and/or introduce the application of instructional technologies, including but not limited to Microsoft Word, Power

Point, Microsoft Excel, Smart Board, Web Quest. Prerequisite: EDU 20200. Offered: fall and spring semester.

**EDU 32200 - Elementary Classroom Teaching & Technology (3)**

This course will enable the student to examine the specific techniques and procedures applicable to effective teaching at the elementary level, including an examination of what is required to design logical, engaging, and rigorous lessons that meet the needs of all learners. This course will explore different approaches to lesson planning while concentrating on the direct teaching model. This course will also apply Blooms Taxonomy as related to lesson plan objectives and the assessments of planned lessons. The technology examined will review and/or introduce the application of instructional technologies, including but not limited to Microsoft Word, Power Point, Microsoft Excel, Smart Board, Web Quest. Prerequisite: EDU 20200 Offered: fall and spring semester.

**EDU 32300 - Methods of Teaching Elementary School Music (3)**

This course is a study of the various approaches to music education in the elementary schools. For music education majors. Offered: fall semester.

**EDU 32310 - Methods of Teaching Elementary School Dance (3)**

This course is designed for either the elementary classroom teacher or for the dance teacher of elementary school students. Students will study the various approaches to dance education for the elementary student. For dance education majors. Prerequisite: EDU 215XX. Offered: intermittently.

**EDU 32400 - Assessment of Intellectual Skills (3)**

This course teaches students about the use of non-projective, educationally relevant tests, theories of measurement, test construction, test administration, and ethical use. Students will attain competence in administration of one of the more commonly used methods of assessment, either Binet or Wechsler. Lab fee required. Offered: fall and spring semesters.

**EDU 32500 - Perceptual Motor Development (2)**

This course examines the complex relationship between sensory perception and the development of gross and fine motor skills. The student will analyze, evaluate, and apply the research in this field, the methods and tools of assessment, materials and activities used to enhance and/or remediate the development of perceptual-motor skills. Prerequisite: EDU 20200 or PE 15000 Offered: fall and spring semesters.

**EDU 32700 - Early Childhood Cognitive Curriculum Concepts (3)**

This course will provide the student with techniques, methods and materials used in the curriculum areas of science and social studies for the young child (ages 3-8). Students will review relevant child development issues, learn the rationale for teaching these curriculum areas, and the importance of integrating them into the entire curriculum. Development and implementation of lesson plans are a part of this course. Offered: spring semester.

**EDU 32900 - Creative Curriculum Materials for Early Childhood/ Early Childhood Special Education Programs (4)**

This course is designed to familiarize students with innovative curricula and materials which support art, music and movement in developmentally appropriate early childhood and early childhood special education programs. Students will construct and evaluate their own curriculum and materials. Techniques for integrating best practices throughout the curriculum and implementing adaptations for children with special needs is emphasized. Offered: fall semester.

**EDU 33000 - Secondary Methods of Teaching Science (3)**

This course examines a variety of methods of teaching Science in middle schools and high schools, including inquiry, cooperative learning, differentiation, and interdisciplinary, etc. as well as specific strategies unique to Science instruction. Students will also develop a Unit Plan of instruction. Prerequisite: EDU 21500, EDU 21501, EDU 21502, or EDU 21503, and EDU 32100. Offered: fall and spring semesters.

**EDU 33100 - Secondary Methods of Teaching Mathematics (3)**

This course examines a variety of methods of teaching Mathematics in middle schools and high schools, including inquiry, cooperative learning, differentiation, and interdisciplinary, etc. as well as specific strategies unique to Mathematics instruction. Students will also develop a Unit Plan of instruction. Prerequisite: EDU 21500, EDU 21501, EDU 21502, or EDU 21503, and EDU 32100. Offered: fall and spring semesters.

**EDU 33200 - Secondary Methods of Teaching Modern Languages (3)**

This course examines a variety of methods of teaching Modern Languages in middle schools and high schools, including inquiry, cooperative learning, differentiation, and interdisciplinary, etc. as well as specific strategies unique to Modern Languages instruction. Students will also develop a Unit Plan of instruction. Prerequisite: EDU 21500, EDU 21501, EDU 21502, or EDU 21503; and EDU 32100.

**EDU 33300 - Secondary Methods of Teaching Art (3)**

This course examines a variety of methods of teaching art in middle schools and high schools, including inquiry, cooperative learning, differentiation, and interdisciplinary, etc. as well as specific strategies unique to Art instruction. Students will also develop a Unit Plan of instruction. Prerequisite: EDU 32100 and EDU 21500, EDU 21501, EDU 21502, or EDU 21503. Offered: fall and spring semesters.

**EDU 33400 - Secondary Methods of Teaching English (3)**

This course examines a variety of methods of teaching English in middle schools and high schools, including inquiry, cooperative learning, differentiation, and interdisciplinary, etc. as well as specific strategies unique to English instruction. Students will also develop a Unit Plan of instruction. Prerequisite: EDU 32100 and EDU 21500, EDU 21501, EDU 21502, or EDU 21503. Offered: fall and spring semesters.

**EDU 33500 - Secondary Methods of Teaching Social Studies (3)**

This course examines a variety of methods of teaching Social Sciences in middle schools and high schools, including inquiry, cooperative learning, differentiation, and interdisciplinary, etc. as well as specific strategies unique to Social Sciences instruction. Students will also develop a Unit Plan of instruction. Prerequisite: EDU 32100 and EDU 21500, EDU 21501, EDU 21502, or EDU 21503. Offered: fall and spring semesters.

**EDU 33600 - Secondary Methods of Teaching Business Education (3)**

This course examines a variety of methods of teaching Business Education in middle schools and high schools, including inquiry, cooperative learning, differentiation, and interdisciplinary, etc. as well as specific strategies unique to Business Education instruction. Students will also develop a Unit Plan of instruction. Prerequisite: EDU 32100 and EDU 21500, EDU 21501, EDU 21502, or EDU 21503. Offered: fall and spring semesters.

**EDU 33700 - Secondary Methods of Teaching Speech & Theatre (3)**

This course examines a variety of methods of teaching Speech & Theatre in middle schools and high schools, including inquiry, cooperative learning, differentiation, and interdisciplinary, etc. as well as specific strategies unique to Speech & Theatre instruction. Students will also develop a Unit Plan of instruction. Prerequisite: EDU 32100 and EDU 21500, EDU 21501, EDU 21502, or EDU 21503. Offered: fall and spring semesters.

**EDU 33800 - Secondary Methods of Teaching Music (3)**

This course examines a variety of methods of teaching Music in middle schools and high schools, including inquiry, cooperative learning, differentiation, and interdisciplinary, etc. as well as specific strategies unique to Music instruction. Students will also develop a Unit Plan of instruction. Prerequisite: EDU 21500, EDU 21501, EDU 21502, or EDU 21503; and EDU 32100. Offered: fall and spring semesters.

**EDU 33900 - Secondary Methods of Teaching Technology and Engineering (3)**

This course examines a variety of methods of teaching Industrial Education in middle schools and high schools, including inquiry, cooperative learning, differentiation, and interdisciplinary, etc. as well as specific strategies unique to Industrial Education instruction. Students will also develop a Unit Plan of instruction. Prerequisite: EDU 21500, EDU 21501, EDU 21502, or EDU 21503, and EDU 32100. Offered: fall and spring semesters.

**EDU 34000 - Secondary Methods of Teaching Physical Education (3)**

This course examines a variety of strategies unique to the teaching of Physical Education in middle schools and high schools, including skills of team sports, skills of individual sports, safety issues, law issues, effective lesson planning, etc. Students will also develop a Unit Plan of instruction. Prerequisite: EDU 21500, EDU 21501, EDU 21502, or EDU 21503 PRAXIS Foliotek II Seminar for Teacher Education, and EDU 32100. Offered: fall and spring semesters.

**EDU 34100 - Education of the Exceptional Child (3)**

This course allows the student to develop an understanding of the unique characteristics, strengths, and challenges of exceptional children. An overview of the historical and legal aspects in the field of special education are presented, as well as current trends, issues, and best practices for educating children with exceptionalities in contemporary settings. Students will understand the competencies necessary to effectively teach, communicate, and live with individuals who have exceptionalities in educational and natural environments. This course will focus on the social and emotional implications of the "exceptional" label to individuals, their families, and society as a whole. Prerequisite: EDU 20200. Offered: fall and spring semesters.

**EDU 34300 - Middle/High School Differentiation and Classroom Management (3)**

This course will enable the student to examine the specific demands required to differentiate instruction in middle school and high school classrooms. Additionally, the student will examine the role of each instructor in cooperative teaching situations. This course will also explore the demands and techniques of classroom management. The technology examined will review and/or introduce the application of instructional technologies including, but not limited to, SmartBoard, Podcasting, Clickers, and other types of classroom communications. Legal and ethical issues that control the use of technology in the classroom will be investigated. Prerequisite: EDU 21500, EDU 21501, EDU 21502, or EDU 21503, and EDU 32100 or EDU 32200. Offered: fall and spring semester and taken concurrently with EDU 38000.

**EDU 34400 - Elementary School Differentiation and Classroom Management (3)**

This course will enable the student to examine the specific demands required to differentiate instruction in diverse elementary classroom settings. Additionally, the student will examine the role of each instructor in cooperative teaching situations. This course will also explore the demands and techniques of classroom management. The technology examined will review and/or introduce the application of instructional technologies including, but not limited to, SmartBoard, Podcasting, Clickers, and other types of classroom communications. Legal and ethical issues that control the use of technology in the classroom will be investigated. Prerequisite: EDU 21500, EDU 21501, EDU 21502, or EDU 21503 PRAXISII Foliotek Seminar for Teacher Education, and EDU 32200. Offered: fall and spring semester and taken concurrently with EDU 38000.

**EDU 34500 - Childhood Health, Nutrition & Safety (3)**

This course focuses on health, nutritional requirements, safety precautions, first aid techniques, and emergency procedures of the young child. Prerequisite: EDU 20200. Offered: fall and spring semesters.

**EDU 35100 - Early Childhood Screening, Diagnosing and Prescribing Instruction (3)**

This course focuses on methods and materials utilized in screening and diagnosing learning problems and prescribing instruction in early childhood education. Field experiences are

included in this course. Prerequisite: EDU 31700. Offered: spring semester.

**EDU 35900 - Multicultural Education (3)**

This course is designed to promote an understanding of the importance of multicultural education in a pluralistic society. Students develop awareness of their own cultural heritage and attitudes, obtain information about various minority cultures, and analyze the school as a product of the cultural heritage and attitudes. Prerequisite: EDU 10000. Offered: fall and spring semesters.

**EDU 36401 - Marketing Field Experience I (3)**

This will provide an opportunity for the student to closely study the area of marketing through participation with a coordinator in the world of work. Each student will spend 500 hours under the supervision of an instructor. The student will also survey research in marketing and related fields. This will be one of four courses to fulfill the required occupational work experience for vocational certification. Offered: intermittently.

**EDU 36402 - Marketing Field Experience II (3)**

This course is a continuation of EDU 39400. The student will continue to accumulate hours toward fulfilling the state requirements for certification. Requirements for this course include a 500 hour internship. Prerequisite: EDU 36401. Offered: Summer semester only.

**EDU 36403 - Marketing Field Experience III (3)**

This course is a continuation of EDU 39500. The student will continue to accumulate hours toward the state requirement for certification. Internships at various locations will be a part of the course requirement. Requirements for this course include a 500 hour internship. Prerequisite: EDU 36402.

**EDU 36404 - Marketing Field Experience IV (3)**

A continuation of EDU 39600. The student will continue to accumulate hours toward the state requirement for certification. Requirements for this course include a 500 hour internship. Prerequisite: EDU 36403.

**EDU 36500 - Coordination of Cooperative Education (3)**

This course is designed to prepare the student to plan, organize, deliver, supervise, and evaluate a variety of community-based experiences. Offered: Summer semester only.

**EDU 36600 - Methods of Teaching Marketing (3)**

This course investigates the teaching of marketing education in high school. New materials and methods are examined, implemented and evaluated. Offered: spring semester.

**EDU 36700 - Curriculum for Marketing Education (3)**

This course develops within the student an understanding of the methods of teaching and assessing student learning in a cooperative education setting. Offered: spring semester.

**EDU 37200 - Secondary Methods of Teaching Dance (3)**

This course examines a variety of methods of teaching Dance in middle schools and high schools, including inquiry, cooperative learning, differentiation, and interdisciplinary, etc. as well as specific strategies unique to Dance instruction. Students will also

develop a Unit Plan of instruction. Prerequisite: EDU 21500, 21501, 21502, or 21503, and EDU 32100

**EDU 37300 - Implementing Vocational Business Education Programs (3)**

This course fulfills the necessary requirements for DESE to become vocationally certified for Business High School teachers. After successful completion of the secondary business program and this course, students will be qualified for Business Vocational Education Certification. This class covers the procedures to begin, expand, and continue Vocational Business classes within a school, including the process of conducting a Vocational Business Education class within the high school setting. Extensive use of computer technology, including the Internet, will be required for research and completion of projects.

**EDU 38000 - Pre-Student Teaching Practicum (1-3)**

This course is designed to offer the education student experience in elementary and secondary schools or other educational environments. Evaluations are conducted by the university consultant and the host teacher. Students must enroll for one hour of practicum (EDU 38000) as a co requisite with EDU 34300 or EDU 34400. Prerequisite: EDU 21500, 21501, 21502, or 21503 and EDU 32100 or EDU 32200. Offered: fall and spring semesters except J-term.

**EDU 38500 - Middle School Philosophy/Organization (3)**

This course examines the unique philosophy and structure associated with the middle school organization. Special characteristics of program content and design are included. Prerequisite: EDU 20200. Offered: fall and spring semesters.

**EDU 38600 - Middle School Curriculum/Instruction (3)**

This course investigates current trends in instructional programs found in typical middle schools. Attention is given to the unique learning needs of adolescents, and how schools can address those needs. Offered: fall and spring semesters. Prerequisite: EDU 20200.

**EDU 38700 - Reading/Writing Across Curriculum (3)**

This course addresses the process of making reading and writing educational activities relevant to adolescents by crossing subject matter lines. Emphasis is placed on integrating basic skills into all subject area instruction. Prerequisite: EDU 20200. Offered: fall and spring semesters.

**EDU 38800 - Middle School Psychology (3)**

This course will provide an understanding of and appreciation for the growth of the middle school adolescents physically, emotionally, socially, and intellectually as related to the child's education at the middle school level and in high school. Prerequisite: EDU 20200. Offered: fall and spring semesters.

**EDU 39800-39899 - Special Topics in Education (1-3)**

These courses allows the education major or minor the opportunity to develop individualized learning experiences or select from courses already being offered. Courses are subject to Dean Approval. Lab fee may be required. Offered: intermittently.

**EDU 40400 - Advanced Measurement and Evaluation to Enhance Learning (3)**

This course is designed so that students experience practical approaches to ensure that classroom assessment is fair and effective. Students will explore curriculum mapping and alignment to standards as well as assumptions about educational assessment. Students will learn about the basic mathematics of measurement; item analysis; test score interpretation; steps in developing appropriate classroom tests and assessments; performance assessments; portfolios; assigning grades on the basis of classroom assessments; standardized testing; assessing to meet the needs of diverse classroom populations; biases in educational assessment; and self-assessment. Students will utilize self reflection as a means of self-assessment and to improve classroom practices. This course will include a coordinated project between the teacher candidate and the teacher mentor that will explore data driven decision making as a means of enhancing student learning. This course is a writing intensive course for the Department of Teacher Education. As of fall 2013, EDU 40400 will be a Prerequisite for EDU 41000. Prerequisite: EDU 21501, (EDU 32100 or EDU 32200), and Writing Proficiency Assessment (WPA) or ENGL 21000. Offered: fall and spring semesters.

**EDU 41000 - Student Teaching (12)**

This course consists of observation, individual conferences, and supervised teaching in an early childhood setting, elementary middle and/or secondary school and a weekly student-teaching seminar. This practicum is designed to be the culminating experience in a student's teacher preparation program; thus students should have completed all of the courses necessary for the degree and certification prior to this course. The student is responsible for arranging and paying the expense of transportation to and from the assigned school. The student teacher's total academic load is limited to one course in addition to student teaching. Students seeking K-12 certification must teach at both the elementary and secondary levels. Special education majors will teach in a regular classroom and a special education classroom. Students must also participate in a pre-teaching experience prior to the official start of the student-teaching semester. In addition to enrolling for the student teaching course, an application must be submitted to the School of Education by the preceding semester of student teaching: February 1 for fall student teaching and September 1 for spring and summer student teaching. Students must successfully complete the Praxis exam prior to a student teaching placement being sought. Please see School of Education website for complete information on student teaching application process. A student teaching lab fee is required. Course enrollment must be approved by the Council of Teacher Education. Prerequisite: EDU 21500, 21501, 21502, or 21503, and EDU 38000 Pre-Student Teaching Practicum, and Writing Proficiency Assessment (WPA) or ENGL 21000. As of fall 2013, EDU 40400 is also required. Offered: fall and spring semesters.

**EGR - Engineering****EGR 25100 - Computer Aided Design (CAD) (3)**

This course is an introduction to computer-aided design using AutoCAD. Prerequisite: C or better in CSC 10011 or CSC 10022, or MIS 24000. Offered: spring semester.

**EGR 33500 - Engineering Mechanics-Statics and Dynamics (4)**

This course includes statics of particles and rigid bodies, equivalent systems of forces, distributed forces and centroids. Applications considered include trusses, frames, beams, and cables. Other topics include; kinematics of particles, work-energy, and impulse-momentum. The course also treats friction, moments of inertia and principles of virtual work. Prerequisite: C or better in MTH 27100 and PHY 30100. Offered: spring semester.

**EGR 36100 - Circuit Theory I (4)**

This course treats circuit basics, Kirchoff's laws, independent and dependent sources, circuit simplification techniques, Thevin and Norton theorems, node voltage and current-mesh techniques, operational amplifiers, and RL, RC and RLC circuits and sinusoidal steady state analysis. Lab fee required. Prerequisite: C or better in MTH 27200 and PHY 30100. Offered: fall semester.

**EGR 36200 - Circuit Theory II-AC Circuits (4)**

This course treats sinusoidal steady-state power calculations, three-phase circuits, Laplace transforms, filters, Fourier series and transforms, and two port circuits. Lab fee required. English Prerequisite: EGR 36100. Offered: intermittently.

**ENGL - English Language and Literature****ENGL 11000 - Effective Writing (3)**

This course prepares students for ENGL 15000. A variety of approaches, including writing prompts, journals, essays, peer/instructor review, and sentence diagramming will be employed to focus on strengthening competence and confidence in writing ability. Smaller sessions will facilitate intensive individual attention to foster writing strengths while successfully addressing areas for improvement in the following areas: sentence-level writing competency, drafting process, basic essay format, and good writing habits. Students will be placed in ENGL 11000 based upon an assessment of their writing skills. In order to advance to ENGL 15000, students must earn a C or above in ENGL 11000 or EPP 11000. Offered: fall and spring semesters.

**ENGL 15000 - Strategies for University Writing (3)**

(GE-Eng) This course is an intensive review of the English language and its use in college-level writing, including the mechanics of written discourse, sentence structure, paragraph development, and essay organization. Selections from expository and imaginative literature will be discussed as models for the effective use of language and as sources for composition topics. Placement is based upon an assessment of writing skills or ENGL/EPP 11000 with a C or better. A writing assessment is part of the initial registration process. In order to advance to ENGL 17000, students must earn a C or above in ENGL 15000 or EPP 15000. Offered: fall and spring semesters.

**ENGL 17000 - Research and Argumentation (3)**

(GE-Eng) Students give special attention to the development of a mature style of writing and to the research, mechanics, and writing of documented argumentation papers. The writing assignments will be related to the subject areas anticipated in college study. Prerequisite: (ENGL 15000 or EPP 15000) with a C or better. In order to advance out of ENGL 17000, students must earn a C or above. Offered: fall and spring semesters.

**ENGL 20000-20099 - Introduction to Literature (3)**

(GE-Lit) This course is an introduction to the reading and analysis of literature; the semester's work will involve extensive reading in a genre or topic of the instructor's choice. Prerequisite: ENGL 17000 with grade of C or better. English majors may take this class concurrently with ENGL 17000 with the permission of the instructor. Offered: fall and spring semesters.

**ENGL 20100 - World Literature I (3)**

(GE-Lit/Crs-Cl) This course is a study of ideas that have shaped civilizations, with emphasis on the literature of various cultures and periods. Works will be read in English translation. Lectures and discussions interpret literature and consider religious and philosophical thought in terms of contrasting as well as universal themes and values. Prerequisite: ENGL 17000 with a C or better. English majors may take this class concurrently with ENGL 17000 with the permission of the instructor. Offered: fall and spring semesters.

**ENGL 20200 - World Literature II (3)**

(GE-Lit/CrsCl) This course is a study of ideas that have shaped our cultures, beliefs, and understanding from the Renaissance to the present. Students will examine the cultural contexts of the works and will consider the universal doctrines and themes these works suggest. Prerequisite: ENGL 17000 with a C or better. English majors may take this class concurrently with ENGL 17000 with the permission of the instructor. Offered: fall and spring semesters.

**ENGL 20500 - British Literature I (3)**

(GE-Lit) This course is a survey of English poetry and prose from the Anglo-Saxon period through the 18th century. Representative readings are examined in terms of the cultural changes and literary conventions that constitute English literary history. Prerequisite: ENGL 17000 with a C or better. English majors may take this class concurrently with ENGL 17000 with the permission of the instructor. Offered: fall and spring semesters.

**ENGL 20600 - British Literature II (3)**

(GE-Lit) This course covers the early Romantic period through the 19th and 20th centuries. The works of major writers are studied in terms of each writer's own critical statements or in terms of the particular school or movement to which the works belong. Prerequisite: ENGL 17000 with a C or better. English majors may take this class concurrently with ENGL 17000 with the permission of the instructor. Offered: fall and spring semesters.

**ENGL 20800 - Introduction to Writing and Rhetoric (3)**

This course will survey the field of rhetoric and composition, an area of English studies that explores the act of writing and communication. The course will allow students to take concepts

practiced in first-year writing courses and learn the theory behind why we write, as well as how we write. We will study classical and contemporary ideas relating to the subject of writing and persuasion, and implement these skills in writing assignments. The goal of this course is to engage students more thoroughly in the theory and practice of writing, ultimately leading to a student who is a more thoughtful, expressive writer and critical thinker. Prerequisite: ENGL 17000 with a C or better.

**ENGL 21000 - Writing Proficiency Lab (3)**

This computer-lab based course allows students to work on their areas of writing and grammar deficiencies as identified by a diagnostic exam completed on the first day of class. Individual and group work as well as written papers are included. This course is designed to prepare students to retake the Writing Proficiency Assessment. Other students may enroll in this course as an elective with permission of the Dean of Humanities, but priority will be given to those students who need the course to fulfill the graduation requirement. Prerequisite: an Incomplete grade in the Writing Proficiency Assessment (WPA) or completion of both ENGL 15000 and ENGL 17000. Offered: fall and spring semesters.

**ENGL 21200 - Introduction to Technical and Professional Writing (3)**

This course introduces the problem-solving skills and forms required in technical and professional writing. Prerequisite: ENGL 17000 with a C or better. Offered: spring semester.

**ENGL 21400 - Introduction to Writing Poetry (3)**

In this poetry workshop course, students will learn and practice the skills required in writing poetry. Prerequisite: ENGL 17000 with a C or better. Offered: fall and spring semesters.

**ENGL 21500 - Introduction to Writing Fiction (3)**

In this fiction workshop class, students will learn and practice the skills required in writing fiction. Prerequisite: ENGL 17000 with a C or better. Offered: fall and spring semesters.

**ENGL 22100 - Introduction to Writing for Performance (3)**

Students learn the basic principles of writing for the performance media (stage, film, and television) through the discipline of writing and rewriting performable play scripts. Prerequisite: ENGL 17000 with a C or better. Offered: intermittently.

**ENGL 22200 - Writing Creative Non-Fiction (3)**

Students learn how to use their own personal experiences in writing popular non-fiction-writing that may focus closely on themselves as individuals but which may turn outward toward other people, places, and social issues. Prerequisite: ENGL 21100. Offered: intermittently.

**ENGL 23500 - American Literature I (3)**

(GE-Lit) This course is a survey of American writing from the colonial frontier to the Civil War with emphasis on the struggle of New World writers to develop distinctive American themes and characters. Prerequisite: ENGL 17000 with a C or better. English majors may take this class concurrently with ENGL 17000 with the permission of the instructor. Suggested prerequisite or concurrent enrollment: HIS 10500. Offered: fall and spring semesters.

**ENGL 23600 - American Literature II (3)**

(GE-Lit) This course is a survey of late 19th- and 20th-century American novels, poetry, prose, and drama; it explores distinctive American themes as reflected through an ever-changing society. Prerequisite: ENGL 17000 with a C or better. English majors may take this class concurrently with ENGL 17000 with the permission of the instructor. Suggested prerequisite or concurrent enrollment: HIS 10600. Offered: fall and spring semesters.

**ENGL 25500 - Literary Craft for Writers (3)**

Students will study the writing techniques of established poets, essayists, and fiction writers. Students will practice implementing these techniques in their own creative process. Prerequisite: ENGL 17000 with a C or better. Offered: spring semester.

**ENGL 25600 - Survey of Greek Literature (3)**

(GE-Lit/CrsCl) This course is a study of works from classical Greek literature focusing on the changes in philosophical, political, and economic conditions that are reflected therein. Readings may include works by Homer, Aeschylus, Sophocles, and Euripides, as well as selections from Plato and Aristotle concerning poetry and its role in society. Prerequisite: ENGL 17000 with a C or better. Offered: intermittently.

**ENGL 27600 - African-American Literature (3)**

(GE-Lit) This course introduces students to pre- and post- emancipation literature written by African-Americans in the United States. Prerequisite: ENGL 17000 with a C or better. Offered: intermittently.

**ENGL 27800 - Latino Literature (3)**

(GE-Lit) This course introduces students to literature of the Latino communities in the United States. The literature will serve as a focal point for discussing the differing values, problems, and assertions of the Latin American culture in contrast with the more dominant American culture. Prerequisite: ENGL 17000 with a C or better. Offered: intermittently.

**ENGL 28000-28099 - Selected Topics in Literature (3)**

(GE-Lit) This course is a study of specific authors, genres, or topics in English, American, and world literatures. The course may be repeated as topics vary. Prerequisite: ENGL 17000 with a C or better. Offered: intermittently.

**ENGL 28100-28199 - Selected Topics in Literature (3)**

(GE-Lit/CrsCl) This course is a study of specific authors, genres, or topics in English, American, and world literatures. The course may be repeated as topics vary. Prerequisite: ENGL 17000 with a C or better. Offered: intermittently.

**ENGL 28200-28299 - Selected Topics in English (3)**

This course is designed to study various topics in English. The course may be repeated as topics vary. Prerequisite: ENGL 17000 with a C or better. Offered: intermittently.

**ENGL 28900-28999 - Study Abroad (5)**

The Study Abroad courses are offered at York St. John University. See the director of the English study abroad program for specific information. Study abroad Offered: fall and spring semesters. Prerequisite: One 30000-level literature course with a C or better; a minimum GPA of 2.5; and permission of the dean Offered: fall and spring semesters.

**ENGL 28901 - Study Abroad: Literary Theory (5)**

This course is offered at York St. John University. See the director of the English study abroad program for specific information. Prerequisite: One 30000-level English literature course with a C or better, a minimum GPA of 2.5, and permission of the dean

**ENGL 28902 - Study Abroad: American Literature, Space and Place (5)**

This course is offered at York St. John University. See the director of the English study abroad program for specific information. Prerequisite: One 30000-level English literature course with a C or better, a minimum GPA of 2.5, and permission of the dean

**ENGL 28903 - Study Abroad: Romantic Period Writing (5)**

This course is offered at York St. John University. See the director of the English study abroad program for specific information. Prerequisite: One 30000-level English literature course with a C or better, a minimum 2.5 GPA, and permission of the dean

**ENGL 28904 - Study Abroad: Gothic and Horror (5)**

This course is offered at York St. John University. See the director of the English study abroad program for specific information. Prerequisite: One 30000-level English literature course with a C or better, a minimum 2.5 GPA, and permission of the dean

**ENGL 28905 - Study Abroad: Eighteenth-Century Writing (5)**

This course is offered at York St. John University. See the director of the English study abroad program for specific information. Prerequisite: One 30000-level English literature course with a C or better, a minimum GPA of 2.5, and permission of the dean

**ENGL 30100 - Methods of Literary Study (3)**

This course is an introduction to the critical practices and theoretical approaches that form the foundation of literary studies. Students will read literary texts which explore a particular theme or which belong to a particular genre, as well as scholarly criticism of those texts, in order to increase the sophistication of their own reading and writing practices. Prerequisite: ENGL 17000 with a C or better. Offered: fall semester.

**ENGL 30700 - The Teaching of Writing (3)**

Why write? As a discipline, writing is often subsumed into the study of literature and language. As such, we are frequently expected to communicate effectively through writing, though we may not study the methods and processes involved in doing so. This course aims to provide a broad survey of research on the theory and practice of writing, as it has evolved as a discipline in English studies in only the past few decades. We will be reading literature on the theory of composition, as well as pedagogical approaches to teaching writing. This course is geared towards any English major: those studying Literature, Creative Writing, and Education are all welcome. Being able to synthesize the theories behind the act of composing helps all of us become more effective communicators. Understanding not only the theory of writing but also writing in practice allows us to better describe

our own writing processes as well as convey the principles of good writing to others. Recognizing the discipline of composition studies as a distinct area of study helps us have a more accurate perspective on the ever-changing field of English studies, allowing us to see the connections inherent between composition studies and studies in literature and language. Prerequisite: ENGL 17000 with a C or better. Offered: fall semester.

**ENGL 30900 - The Novel (3)**

(GE-Lit) This course is a study of selected novels from the eighteenth century to the twentieth century with attention to the development of the novel as a literary form and to its importance in the culture of its historical period. Prerequisite: one 20000-level literature course Offered: intermittently.

**ENGL 31500 - The Literary Journal: Arrow Rock and beyond (3)**

Students enrolled in this class will read submissions to *Arrow Rock*, discuss them with the class, and vote on them for publication; students will be listed as editorial assistants in *Arrow Rock*. Additional coursework includes describing and analyzing your personal aesthetic as a reader and writer, as well as researching and presenting a literary journal to the class. In addition, the publication process will be discussed, and students will be required to submit their own original work to an approved publication by the end of the semester. Prerequisite: ENGL 21400 or ENGL 21500. Offered: fall and spring semesters.

**ENGL 32100 - Advanced Fiction Writing (3)**

This fiction workshop is intended for students with some experience as writers. The course will allow students to explore a variety of storytelling modes and to experiment with the techniques most appropriate to those different modes. Prerequisite: ENGL 21100. Offered: intermittently.

**ENGL 32300 - Advanced Poetry Writing (3)**

This poetry workshop is designed to give students a deeper understanding of the creative potential of writing. The course addresses both the art and artifice of poetry, including analysis, close reading, experimental writing, drafting, supportive peer response, reflection, and sharing. Prerequisite: ENGL 21100. Offered: intermittently.

**ENGL 33200 - Chaucer (3)**

(GE-Lit) This course examines selected works by Chaucer, with emphasis on *The Canterbury Tales*. Students will read and interpret Chaucer's writings in light of the medieval world in which they were written. Chaucer is himself an introduction to that world. Prerequisite: one 20000-level literature course. Offered: intermittently.

**ENGL 33300 - Shakespeare (3)**

(GE-Lit) This course is an introduction to Shakespeare's plays through a representative sample of the comedies, histories, tragedies, and romances. In addition to the dramatic literature, the course may include readings from the sonnets and other poetry. Prerequisite: one 20000-level literature course. Offered: spring semester.

**ENGL 33800 - Medieval English Literature (3)**

(GE-Lit) This course includes readings in Old- and Middle-English literature to 1500. Lyric, narrative, and dramatic works from *Beowulf* to Malory's *Morte D'Arthur* are studied in their cultural, literary, and linguistic contexts. Prerequisite: one 20000-level literature course. Offered: intermittently.

**ENGL 33900 - Early Modern Literature (3)**

(GE-Lit) This course includes readings from 16th- and 17th-century poetry, prose, and non-Shakespearean drama. Major poets from Spenser to Milton, the origins and development of prose fiction, the literary influence of the King James Bible, and major dramatists from Marlowe to Jonson are studied in representative works. Prerequisite: one 20000-level literature course. Offered: intermittently.

**ENGL 34000 - Advanced Creative Non-Fiction Writing (3)**

Students will practice writing popular non-fiction articles for magazines with emphasis on targeting and selling articles to publications. Prerequisite: ENGL 17000 with a C or better. Offered: fall semester of even numbered years.

**ENGL 34100 - Restoration and 18th-Century Literature (3)**

(GE-Lit) This course includes selected readings in English poetry, prose, and drama from the re-opening of the theaters in 1660 through the Augustan Age and the Age of Johnson. Authors may include Dryden, Defoe, Gay, Swift, Pope, Johnson, and Sheridan. Prerequisite: One 20000-level literature course. Offered: intermittently.

**ENGL 34200 - English Romantic Literature (3)**

(GE-Lit) This course is a study of English prose and poetry from approximately 1770 to 1832. Major works are studied in conjunction with their socioeconomic, historical, and political backgrounds. Prerequisite: One 20000-level literature course. Offered: intermittently.

**ENGL 34300 - 19th Century Literature (3)**

(GE-Lit) This course examines literature in English (British, American, and/or Anglophone) produced during the nineteenth century. These works are studied in their cultural contexts with special attention given to the political, scientific, and social forces that shaped them. Prerequisite: one 20000-level literature course Offered: intermittently.

**ENGL 34700-34799 - Topics in American Literature (3)**

(GE-Lit) The specific topic of this course will be announced at time of registration. The course may focus on a specific genre (e.g., poetry, novel), author, or theme. Prerequisite: one 20000-level literature course. Offered: intermittently.

**ENGL 35200 - Early American Literature (3)**

(GE-Lit) This course is an advanced survey of early American literature that moves away from the anthologized readings of American Literature I and instead substitutes major novels, poetry, and drama to be read in their entirety. Periods to cover will include pre-contact North American literature, Puritan and colonial literature, and the first half of the nineteenth century. Prerequisite: One 20000-level literature course. Offered: intermittently.



**ENGL 35300 - Modern American Literature (3)**

(GE-Lit) This course is an advanced survey of modern American literature that moves away from the anthologized readings of American Literature II and instead substitutes major novels, poetry, and drama to be read in their entirety. Periods to cover will include American literature after the Civil War, Modernism, and American Literature after World War II. Prerequisite: One 20000-level literature course. Offered: intermittently.

**ENGL 35500 - 20th- and 21st-Century Literature (3)**

(GE-Lit) This course studies British, American, and/or Anglophone literature since the early twentieth century up to the present day. Possible topics include post-colonialism, transnationalism, and literature's response to a post-modern world. Prerequisite: One 20000-level literature course. Offered: intermittently.

**ENGL 35700-35799 - Topics in British Literature (3)**

(GE-Lit) The specific topic of this course will be announced at time of registration. The course may focus on a specific genre (e.g., poetry, novel), author, or theme. Prerequisite: One 20000-level literature course. Offered: intermittently.

**ENGL 35800 - Writer's Market (3)**

This course focuses on practical strategies to help students market their work, including how to research various markets and write effective query letters. Prerequisite: ENGL 31100. Offered: spring semester.

**ENGL 36300 - Theory of Language (3)**

Students will study philosophical theories of language and consider the implications of such thinking for the practical process of creating and reading literature. Students will be expected to write poetry, fiction, literary manifestos, and/or non-fiction influenced in a significant way by these theories. Philosophical writers such as Dostoevsky, Wittgenstein, and Borges will be considered as models. Prerequisite: ENGL 17000 with a C or better. Offered: fall semester.

**ENGL 36700 - Research and the Creative Writer (3)**

Students will experiment with different ways to incorporate historical, scientific, or theoretical research into original creative projects (poems, stories, non-fiction, essays). Students will study models of the creative use of scholarship and will write original work of their own for workshop discussion. Prerequisite: ENGL 17000 with a C or better. Offered: fall semester.

**ENGL 37200 - Modern Grammar (3)**

This course is an intensive study of the nature and structure of the English language with emphasis on recent developments in linguistic analysis, but with coverage also of traditional grammar. Prerequisite: ENGL 17000 with a C or better. Offered: fall semester.

**ENGL 38000-38099 - Advanced Topics in Literature (3)**

(GE-Lit) This course is a concentrated study and analysis of specific authors, genres, or topics in English, American, and world literatures. The course may be repeated as topics vary. Prerequisite: one 20000-level literature course Offered: intermittently.

**ENGL 38100-38199 - Advanced Topics in Literature (3)**

(GE-Lit/CrsCl) This course is a concentrated study and analysis of specific authors, genres, or topics in English, American, and world literatures. The course may be repeated as topics vary. Prerequisite: one 20000-level literature course Offered: intermittently.

**ENGL 38200-38299 - Advanced Topics in English (3)**

This course is designed to promote formal, linguistic, and interdisciplinary approaches to the study of English. The course may be repeated as topics vary. Prerequisite: one 20000-level literature course. Offered: spring semester.

**ENGL 38901-38999 - Study Abroad (5)**

The Study Abroad courses are offered at York St. John University. See the director of the English study abroad program for specific information. Study abroad Offered: fall and spring semesters. Prerequisite: One 30000-level literature course with a C or better; a minimum GPA of 2.5; and permission of the dean Offered: fall and spring semesters.

**ENGL 38902 - Study Abroad: The Study of Shakespeare (5)**

This course is offered at York St. John University. See the director of the English study abroad program for specific information. Prerequisite: One 30000-level English literature course with a C or better, minimum GPA of 2.5, and permission of the dean

**ENGL 38904 - Study Abroad: Writing the Caribbean (5)**

This course is offered at York St. John University. See the director of the English study abroad program for specific information. Prerequisite: One 30000-level English literature course with a C or better, minimum GPA of 2.5, and permission of the dean

**ENGL 38905 - Study Abroad: Twentieth Century Writing (5)**

This course is offered at York St. John University. See the director of the English study abroad program for specific information. Prerequisite: One 30000-level English literature course with a C or better, minimum GPA of 2.5, and permission of the dean

**ENGL 38906 - Study Abroad: Nineteenth Century Writing (5)**

This course is offered at York St. John University. See the director of the English study abroad program for specific information. Prerequisite: One 30000-level English literature course with a C or better, minimum GPA of 2.5, and permission of the dean

**ENGL 38907 - Study Abroad: American Literature in the Twentieth Century (5)**

This course is offered at York St. John University. See the director of the English study abroad program for specific information. Prerequisite: One 30000-level English literature course with a C or better, minimum GPA of 2.5, and permission of the dean

**ENGL 38908 - Study Abroad: Gender and Sexualities (5)**

This course is offered at York St. John University. See the director of the English study abroad program for specific information. Prerequisite: One 30000-level English literature

course with a C or better, minimum GPA of 2.5, and permission of the dean

**ENGL 40400 - History of the English Language (3)**

This course is an introduction to the study of the English language. The phonology, history, and grammar of English are examined in the context of cultural, social, and political history with attention also to current linguistic theory. Prerequisite: One 20000-level literature course. Offered: fall semester.

**ENGL 45400 - Senior Thesis (3)**

This course will guide students through a semester-long research project which will culminate in a professionally-written, article-length essay. Students will also produce portfolios of the writing they have done at the university. Readings will be partly student-generated and will include substantial amounts of literary theory and criticism. Prerequisite: Must be an English major with senior status. Offered: fall semester.

**ENGL 47000 - Seminar in Writing (3)**

Students complete a portfolio project demonstrating that they have achieved a significant level of mastery in one of the principal genres. Portfolios typically consist of a collection of a dozen or more poems; 2-to-4 short stories, one-act plays, or non-fiction pieces; or a novella-length work of fiction, a full-length play, or an equivalent feature-length television or film script. During the course students develop their work through successive revisions until, in the instructor's judgment, the required level of mastery has been obtained. English Preparedness Program See later section of the course descriptions section for English Preparedness Program (EPP) courses. English as a Second Language Program See the English as a Second Language (ESL) Program description, appearing later in the catalog, for a description of the ESL program and all ESL (pre-college) courses. Entrepreneurial Studies Prerequisite: ENGL 31100. Offered: spring semester.

**ENTR - Entrepreneurial Studies**

**ENTR 31200-31299 - Directed Studies in Entrepreneurial Studies (3)**

An independent structured learning experience will be developed to ensure students' knowledge and competencies are achieved in selected topics. Areas of specific need will be pursued to supplement normal classroom instruction. Prerequisite: Permission of the instructor and dean of the School of Business & Entrepreneurship. Also required is the successful completion of the Writing Proficiency Assessment (WPA) or ENGL 21000. Offered: By arrangement only.

**ENTR 37510 - Small Business and Entrepreneurship (3)**

This course is designed for students who are interested in owning and running a small business. Topics to be covered include planning, controlling, financing, and managing operations. Students will learn how to explore opportunities and develop venture ideas; set objectives, choose resources, and evaluate market research; and investigate financing resources and approaches. Teaching approaches will include outside speakers, outside readings, class discussions, and research papers. Lab fee may be required. Prerequisite: a grade of C or better in MGMT 26032. Also required is the successful completion of the Writing

Proficiency Assessment (WPA) or ENGL 21000. Offered: on-ground fall semester and online spring semester.

**ENTR 39000-39999 - Special Topics in Entrepreneurial Studies (3)**

**ENTR 41200-41299 - Directed Studies in Entrepreneurial Studies (3)**

An independent structured learning experience will be developed to ensure students' knowledge and competencies are achieved in selected topics. Areas of specific need will be pursued to supplement normal classroom instruction. Prerequisite: Permission of the instructor and dean of the School of Business & Entrepreneurship. Also required is the successful completion of the Writing Proficiency Assessment (WPA) or ENGL 21000. Offered: By arrangement only.

**ENTR 47510 - Financing Business Ventures (3)**

Financing Business Ventures is an advanced course designed to apply the theoretical principles of finance to new or emerging businesses. Topics to be covered include capital raising, cash flow management, business planning, and value realization. Lectures and case studies will focus on financing methods, working capital management, expansion, and exit strategies in order to develop decision making skills. Guest speakers will illustrate real-world situations. Prerequisite: a grade of C or better in FIN 32000. Also required is the successful completion of the Writing Proficiency Assessment (WPA) or ENGL 21000. Offered: fall semester.

**ENTR 47515 - Case Studies in Entrepreneurship (3)**

This course will engage students in critical thinking and decision-making about entrepreneurial enterprises in the context of case studies and/or entrepreneurial simulations. The purpose of the course is to refine and develop skills required for entrepreneurs to start new businesses. Through analysis of entrepreneurial success and failures, students will examine the challenges encountered when starting a new business. Prerequisite: a grade of C or better in FIN 32000 and MRKT 35010. Also required is the successful completion of the Writing Proficiency Assessment (WPA) or ENGL 21000. Offered: spring semester.

**ENTR 47520 - New Venture Initiation (3)**

This course is designed for students who are interested in starting a new business. Particular emphasis will be given to developing an understanding of the mechanics of starting a new business; providing insight into the process for identifying business opportunities; understanding the importance of effective marketing, funding, and employee management; and the analysis of strengths and weaknesses of the entrepreneur. The class will conclude with the presentation of a business plan, written during the course of the semester. Prerequisite: a grade of C or better in ENTR 47510. Also required is the successful completion of the Writing Proficiency Assessment (WPA) or ENGL 21000. Offered: spring semester.

**ENTR 47595 - Internship (1-9)**

The Internship Program is designed to expose the student to a variety of practical business environments. This exposure will permit the student to observe and experience firsthand how businesses function in today's society. Environmental Science

Prerequisite: permission of the dean, faculty advisor, and internship coordinator, junior standing, and a cumulative GPA of 2.50 overall and a cumulative GPA of 3.0 in all required degree courses. Also required is the successful completion of the Writing Proficiency Assessment (WPA) or ENGL 21000. Offered: fall and spring semesters.

### **ENTR 49000-49999 - Special Topics in Entrepreneurial Studies (1-3)**

### **ENV - Environmental Science**

#### **ENV 45000 - Environmental Internship (3-9)**

During their junior and senior years at Lindenwood, qualified students may participate in internship experiences in environmental science. Students are responsible for making arrangements with the internship sponsor, but the course instructor must approve the sponsor and the planned activities before the internship work begins. Internship sponsors may be government agencies, for-profit corporations, or non-profit corporations or agencies. Student interns may be paid for their work, but more often they are not. Student interns are required to spend at least 40 hours working on tasks assigned by the Internship Sponsor for every semester credit hour for which they are enrolled. Completion of the internship requires submission of a report or research paper as specified by the instructor. Prerequisite: junior status and permission of dean. Offered: intermittently.

### **EPP - English Preparedness Program**

#### **EPP 10000 - Basic English Grammar for Non-Native Speakers (3)**

This course is designed for non-native English speakers who need a review of basic English grammar rules, with attention given to form, meaning, and use. Students will apply rules through reading and writing activities and assignments. Prerequisite: Placement and non-native English speaker. Offered: fall and spring semesters.

#### **EPP 10100 - Advanced English Grammar for Non-Native Speakers (3)**

This course provides non-native English speakers with additional intensive review of intermediate and advanced English grammar, with emphasis on application of rules through academic reading and writing assignments. Prerequisite: Placement and non-native English speaker Offered: fall and spring semesters.

#### **EPP 10500 - Reading and Writing for Non-Native Speakers (6)**

This course will give non-native speakers the opportunity to develop English language skills needed to succeed in college courses. Assignments will focus on developing English proficiency, with emphasis placed on developing reading and writing skills. Additional hours with an English conversation partner may be required. A grade of C is required for advancing from this course. If the student fails to achieve a "C," he or she will have to retake the course next semester. Prerequisite: Placement and non-native English speaker. Offered: fall and spring semesters.

#### **EPP 10600 - Reading and Writing for Non-Native Speakers II (6)**

This course is designed to further develop reading and writing skills of non-native English speakers. Instruction in this course will focus on preparing students for academic courses through assignments aimed at developing reading strategies and writing techniques. Additional hours with an English conversation partner may be required. A grade of C is required for advancing from this course. If the student fails to achieve a C he or she will have to retake the course next semester. Prerequisite: Placement and non-native English speaker, or a C or better in EPP 10500. Offered: fall and spring semesters.

#### **EPP 11000 - Academic Writing for Non-Native Speakers (3)**

This course is designed for non-native English speakers who are not yet prepared to enter ENGL 15000 Strategies for University Writing or EPP 15000 Strategies for University Writing for Nonnative Speakers. This course will focus on developing clear and comprehensible prose in academic writing assignments. A grade of C is required for advancing from this course. If the student fails to achieve a C he or she will have to retake the course next semester. Prerequisite: Placement and non-native English speaker, or a C or better in EPP 10500 or EPP 10600. Offered: fall and spring semesters.

#### **EPP 12000 - Spoken Communication and Pronunciation for Non-Native Speakers (3)**

This course will provide non-native English speakers opportunities to improve their comprehensibility in communicating in English. The course will provide practice in stress, rhythm, and intonation patterns, and in troublesome consonant and vowel sounds through various means, including class presentations and public speeches. Prerequisite: Placement and non-native English speaker Offered: fall and spring semesters.

#### **EPP 15000 - Strategies for University Writing for Non-Native Speakers (3)**

(GE-Eng) This course follows the same general guidelines as other sections of Strategies for University Writing, using the same texts and requiring the same amount of academic writing. However, the class will be designed to meet the needs and concerns of nonnative English speakers. This course fulfills the ENGL 15000 Strategies for University Writing GE requirement and is equivalent to ENGL 15000. Prerequisite: Placement and non-native English speaker, or a C or better in EPP 11000. Offered: fall and spring semesters.

### **ESC - Earth Sciences**

#### **SC 10000 - Physical Geology with Lab (4)**

(GE-EarthSci) This course focuses on the study of the earth to include its component materials, the physical and chemical changes that take place internally and surficially, and the historical background of the science. The lab involves identification of minerals and rocks, the determination of various surficial processes and how they are reflected by topographical maps. A field trip is included as a lab exercise. Lab fee required. Offered: fall and spring semesters.

**ESC 10500 - Survey of Geology (3)**

(GE-EarthSci) This is a lecture course that focuses on the study of the earth to include the materials it is made of, the physical and chemical changes that take place both internally and superficially, and the historical background. Offered: intermittently.

**ESC 11000 - Introductory Meteorology (3)**

(GE-EarthSci) This course acquaints the student with the physical and thermal dynamics of the lower atmosphere. It deals with the role the sun plays as the source of energy for all phenomena. Topics include thermal energy; atmospheric temperature, humidity, pressure, and wind; cloud formation; frontal systems; severe weather phenomena and air pollution. Offered: fall and spring semesters.

**ESC 11100 - Meteorology Lab (1)**

(GE-EarthSci) This lab course is designed to complement Introductory Meteorology. Students will decode raw data, plot maps, analyze the data, and make forecasts. Time permitting; a field trip will be included to the local National Weather Service Station. Concurrent enrollment in ESC 11000. Offered: intermittently.

**ESC 11500 - Physical Geography (4)**

(GE-EarthSci) This course involves an introductory investigation of the physical and historical processes that have shaped the surface of the earth, including land formation processes; water, weather, and climate systems; biogeography; and the effects of human activity on the earth's physical processes. This course includes a lab. Not open to students with credit in GEO 11500. Offered: Every semester

**ESC 12000 - Oceanography (3)**

(GE-EarthSci) This course explores the various physical oceanographic concepts to include waves, tides, currents, shoreline interaction, ocean basin structure, ocean sediments, physical and thermal properties of salt water, and atmospheric and oceanic interaction. A portion of the course covers marine ecology. Offered: intermittently.

**ESC 13000 - Introductory Astronomy (3)**

(GE-EarthSci) In survey fashion, this course addresses the historical background of astronomy, types of telescopes, identification of stellar characteristics, formation of our solar system, characteristics of the planets, space debris, and the birth and death of stars, galaxies, and the universe. Offered: fall and spring semesters.

**ESC 13100 - Astronomy Lab (1)**

(GE-EarthSci) This optional lab explores celestial mechanics, calculating distances to stars, measuring the brightness and color spectra of stars, the classification of galaxies, and the formation of the Universe. Concurrent enrollment in ESC 13000 or permission of dean required. Lab fee required. Offered: intermittently.

**ESC 13200 - Introductory Astronomy with Lab (4)**

(GE-EarthSci) This is a survey course that addresses the historical background of astronomy; measuring methods for celestial objects; the electromagnetic spectrum and spectroscopy of celestial objects; telescopes; formation and scale of the solar

system; characteristics of planets, moons, and space debris; birth and death of stars; galaxies, dark matter, and dark energy; and the formation of the universe. Weekly laboratory activities reinforce classroom concepts. Lab fee required. Offered: fall and spring semesters.

**ESC 20000 - Introduction to Geographic Information Systems (3)**

This course introduces basic concepts necessary to an understanding of geographic information systems including its purpose, hardware, software, databases, and application. ArcView software will be used to display various databases, and students will design and execute cross-disciplinary projects in order to demonstrate the uses of GIS as a spatial analysis and decision making tool. Lab fee required. Not open to students with credit in GEO 20000. Offered: in fall semester.

**ESC 30000 - Advanced Topics in Geographic Information Systems (GIS) (3)**

This course is an advanced study of the various applications of Geographic Information Systems (GIS) technology. The lecture component of the course will cover industry "best practices" for data collection, analysis, production and presentation of spatial data. The lab component of the course will focus on a series of scenario-based projects. Students will be tasked with making real world decisions based on their analysis and interpretation of spatial data using ESRI's ArcGIS software. Not open to students with credit in GEO 30000. Prerequisite: GEO 20000 or ESC 20000 Offered: intermittently

**ESOL - Teaching English to Speakers of Other Languages****ESOL 44000 - TESOL Methods (3)**

This course surveys current theory and practice in planning, implementing and monitoring instruction of linguistically and culturally diverse students in a variety of English language teaching contexts. Prerequisite: junior standing and ENGL 17000 with a C or better. Offered: intermittently. Cross Listed as TESOL 54000.

**EXS - Exercise Science****EXS 21000 - Nutrition & Metabolism (3)**

This course is an introduction to the biochemical processes that drive nutritional and dietary recommendations, including the metabolism of micronutrients and macronutrients, the digestive process, enzymatic reactions, hormonal regulation and the neuroscience of food intake. Prerequisite: EXS 24000 or BSC 12100.

**EXS 23000 - Assessment of Nutritional Status (3)**

This course reviews the principles of nutrition assessment for individuals and groups. Evaluation methods for nutrient intakes and diets, anthropometric assessment, analysis of food composition databases and identification of variability and reproducibility of studies will be covered. This course is offered only online.

**EXS 24000 - Nutrition throughout the Lifecycle (3)**

This course will provide students with an understanding of the influence of physiological, psychosocial and environmental

changes on nutrient needs throughout the lifecycle. Students will identify appropriate screening tools for evaluating the nutritional status of individuals from birth through death.

**EXS 25000 - Foundations of Sport and Exercise Science (3)**

This course is an introduction to defining exercise science and giving an overview of its many components such as nutrition, biophysiology, anatomy, exercise and movement aspects. Also covered are the evolution of play and games, trends in sport and fitness, prevention and control of diseases in the work place. There will be 2 (5 hours each) observations. You can choose from areas in cardiac rehab, personal training, corporate fitness, physical therapy, chiropractic, accelerated rehabilitation and large group instruction. Offered: fall and spring semesters.

**EXS 25500 - Introduction to Sports Nutrition (3)**

This course is an introduction to nutrition and its effect on sport and physical activity and will provide an overview of nutritional guidelines for athletes regarding macronutrients, vitamins/minerals, supplements, body composition, weight loss and hydration. This course will also highlight special cases, including gaining muscle, making weight and working with athletes with eating disorders.

**EXS 26000 - Concepts in Conditioning (3)**

This course is a study of the physiological components of exercise and their application when working with athletes, individuals, or small/large groups. Students will understand the purpose of selecting safe and effective techniques for aerobic and anaerobic conditioning, contraindications to exercise, and evaluation methods used by professionals when working with these populations. Offered: fall and spring semesters.

**EXS 26500 - Basic ECG Dysrhythmia Interpretation (2)**

This 8 week course is designed to enable the participant to develop beginning skills in ECG monitoring as well as in recognition and management of cardiac dysrhythmias. Offered: intermittently.

**EXS 27500 - Research Methods and Data Interpretation (3)**

This course provides instruction on scientific methods in Exercise Science including basic research design and statistical techniques commonly used in Exercise Science. Students will also be exposed to practical experiences in understanding published research, ethical concerns related to research, designing and completing a research project and developing their scientific writing skills. Offered: Spring and Fall Semesters.

**EXS 28000 - Applied Anatomy (4)**

Lecture and laboratory study of the human body with emphasis on the bones, muscles, and tissues and their operation in affecting human movement. Integrating structural and biomechanical aspects of movement; focusing on functional anatomy using a systematic approach; and how they relate to concepts in physical medicine, physical activity and health. Lab fee required. Prerequisite: C or better in BSC 10000 or BSC 24400 or BIO 25100. Offered: fall and spring semesters

**EXS 28500 - Applied Physiology (4)**

Lecture and laboratory study of the human body with emphasis in the fundamental mechanisms of physiology. The course will

integrate basic cell functions, biological control systems and function as well as how they relate to concepts in physical medicine, physical activity and health. Lab fee required. Prerequisite: C or better in CHM 10000 or CHM 23000 and EXS 28000 or BSC 22700. Offered: fall and spring semesters.

**EXS 29000-29999 - Special Topics (1-3)**

This course is designed for interest in specific subjects related to exercise science. Lab fee may be required. Prerequisite: permission of dean. Offered: fall and spring semesters.

**EXS 29003 - Special Topics: Nutrition Education and Counseling (1-3)**

This course covers the principles and practices of nutrition education of groups, including aspects of public speaking and lesson planning, and counseling for individuals interested in nutrition-related health behavior change. Offered: fall and spring semesters.

**EXS 30000 - Sport and Fitness Administration (3)**

This course is designed for fitness directors and leaders in the field of sport and fitness. Topics covered are communication, time management, organizational skills, development of leaders in the fitness industry, implementation of safety procedures, equipment specifications, facility design and business and marketing techniques appropriate to the delivery of new fitness programs. Prerequisite: EXS 25000 or REC 10200. Offered: fall and spring semesters.

**EXS 30500 - Medical Nutrition Therapy (3)**

This course introduces the student to the nutrition care process for assessment, diagnosis, intervention and monitoring/evaluation (ADIME) for individuals of varying disease states. The nutrition recommendations for weight management, digestive disorders, food allergies & intolerances, diabetes, cardiovascular disease, hypertension and cancer will be covered in detail. Prerequisite: BSC 12100 and EXS 21000 Offered: intermittently

**EXS 31500 - Physiology of Exercise (3)**

This course studies the human body's response and adaptation to physical activity. Specific attention will be directed at the musculoskeletal, nervous, cardiovascular, respiratory, and endocrine systems. Both acute responses and chronic adaptations to exercise within each system will be discussed. Students will develop an understanding of methods used to examine and measure physical fitness/ sports performance and understand terminology to effectively communicate this information to others. Students will explore the importance of physical activity and exercise in a healthy lifestyle and examine how science disciplines can be used to improve overall health, as well as performance in sports. Prerequisite: HFS 20700 or BSC 22800 or BIO 22800 or EXS 28500. Offered: fall and spring semesters.

**EXS 31600 - Physiology of Exercise Lab (1)**

This course is designed to introduce students to the field of exercise science with resources necessary for the application of material discussed during lecture. An overview includes topics on acute and chronic physiological responses to exercise, nutrition, biomechanics, and other concepts in wellness, physical fitness, and performance enhancement. Specifically, the laboratory experiments will focus on the following: circulatory and

respiratory responses to exercise, respiratory metabolic measurements, identification of the lactate and ventilatory thresholds, assessment of maximal oxygen uptake, energy cost of physical activity, assessment of perceived exertion, and assessment of body composition. Lab fee required. Concurrent enrollment in EXS 31500. Offered: fall and spring semesters.

**EXS 31700 - Advanced Exercise Physiology (3)**

An advanced study of human physiology and its interactions with physical activity and training. Emphasis will be placed on the study of the mechanisms underlying the acute and chronic responses to stress. Students will have hands on experience of carrying out a range of laboratory-based experiments. Prerequisite: EXS 31500 and EXS 31600 or PE 31500 and PE 31600. Offered: fall and spring semesters.

**EXS 32500 - Biomechanics (3)**

This course provides extensive information and application of physiological laws and human movement analysis. Topics discussed will include Newton's Law, ground and fluid forces, power, energy, torque, levers and gravity. Projects of analyzing sport skills will be performed. Prerequisite: HFS 31000 and MTH 15100. Offered: fall and spring semesters.

**EXS 33000 - Current Issues in Exercise Science (3)**

This course will target where the sport and exercise science fields are going in the near future. It involves major sociological issues including tobacco use, recreational drugs, narcotics, alcohol, diseases, community health, and personal and family health. Current technology will also be explored. Prerequisite: PE 31500 or EXS 31500 or permission of instructor. Offered: spring semester.

**EXS 34000 - Nutrition for Performance (3)**

This course includes dietary considerations for weight loss, weight gain, and maintenance for human performance and sport enhancement. Current research of supplements, holistic herbs, ergogenic aids, and diet myths will be examined. Diseases controlled through diet and exercise and medication used in special populations will also be covered. Prerequisite: BSC 12100 or BIO 12100, and junior standing. Offered: fall and spring semesters.

**EXS 38500 - Advanced Strength Training Techniques (3)**

This course is a study of techniques in various strength training exercises. Theory, principle and application of advanced exercise used in rehabilitation and sport specific training are discussed. Lab fee of \$5.00 required. Cross-listed with HP 51000. Prerequisite: PE 35600. Offered: fall and spring semesters.

**EXS 38900 - Exercise Testing (4)**

This course is designed to provide students with the skills necessary to conduct laboratory and field tests used for assessing physical fitness components. It will focus on cardio respiratory fitness, muscular fitness, body composition, flexibility, and balance. It integrates concepts, principles, and theories based on research in exercise physiology, measurement and evaluation, psychology, and nutrition to provide a direct and straightforward approach to physical fitness assessment. Lab fee required. Prerequisite: EXS 31500 and EXS 31600 or PE 31500 and PE 31600. Offered: fall and spring semesters.

**EXS 39000-39999 - Special Topics (1-3)**

This course is designed for interest in specific subjects related to exercise science. Lab fee may be required. Prerequisite: permission of dean. Offered: fall and spring semesters.

**EXS 41000 - Exercise Prescription and Implementation (3)**

This course is designed for the student to explore techniques and strategies used for designing, implementing, and managing specific exercise, health & wellness, and athletic development programs. The student will apply their knowledge and skills learned in previous courses to administer appropriate evaluations and use the test results to develop an exercise prescription and properly implement the program. Lab fee required. Prerequisite: EXS 38900 or EXS 39000 or EXS 39500. Offered: fall and spring semesters.

**EXS 43000 - Physical Activity for Specific Populations (3)**

This course will explore the fitness professional's role in planning and implementing fitness programs for specific populations. Students will understand the many considerations and possibilities to adapt for specific populations as it relates to their ability to be physically active. Exercise testing and programming will be discussed for groups such as youth, geriatric populations, chronic health conditions, those with physical disabilities, as well as medications for these conditions and their effects on exercise. Prerequisite: EXS 38900 or EXS 39000. Offered: fall and spring semesters.

**EXS 44000 - Internships (3-6)**

This internship will be completed in the area of interest of the student. Fifty on-site hours per credit hour. There is a minimum of 150 hours, maximum of 300. Lab fee required. Prerequisite: senior standing and EXS 41000 or EXS 40500. Offered: fall and spring semesters.

**EXS 45500 - Exam Preparation (3)**

This course provides a review of all areas necessary to prepare for the strength training exams including administrative duties, facility management and maintenance, fitness program implementation, dietary considerations, and assessment of fitness, conditioning, strength and flexibility. Lab consists of implementation of strength programs, and application of areas used in strength gains. Prerequisite: senior standing. Offered: fall and spring semester.

**FD - Fashion Design**

**FD 10100 - Fundamentals of Sewing for Design (3)**

This course is designed to teach the fundamentals of sewing and construction, emphasizing basic techniques, operation of various machines used in garment construction, and the elements of hand sewing. Passing this course or sewing proficiency test is required for all BA and BFA Fashion Design candidates. The course is open to all students. Studio fee required. Offered: fall and spring semesters.

**FD 10200 - Fashion Design Practicum (0)**

All fashion design majors are required to enroll in this course each semester of full-time enrollment, excluding the semester of internship. Requirements vary by semester and may include participation in fashion shows, exhibitions, program meetings and

activities, and special events. Pass/Fail grading. May be repeated. Offered: fall and spring semesters.

**FD 20000 - Introduction to Fashion Design (3)**

This studio course addresses the basic elements of fashion design as they relate to careers within the industry. Assignments introduce the fashion design processes of trend investigation, consumer research, storyboarding, color story, textile development, fabric identification, design innovation, and sketching creative ideas. Prerequisite: ART 13000 Offered: fall semester.

**FD 21000 - Textile Science (3)**

This course introduces students to the scientific qualities and properties of fashion fabrics. By investigating and testing the fibers, quality, construction, care and finishing of textiles, students learn the basics of fabric identification and specific uses in the fashion industry. This course requires lab projects and provides demonstrations of basic methods of textile design development, weaving, printing and dyeing. Prerequisite: ART 10600 and ART 10800 Offered: spring semester.

**FD 21100 - Apparel Design I: Draping (3)**

This course explores the development of basic level apparel styles through the application of the draping principles on three-dimensional dress forms. Students study the process from initial design concept through first sample. Studio fee required. Prerequisite: FD 20000, FD 31600, and a passing score on the sewing proficiency test or a grade of C or better in FD 10100 Offered: spring semester.

**FD 31200 - Apparel Design II: Patternmaking (3)**

This course explores the development of intermediate level apparel styles through the application of pattern drafting principles. Students draft and execute professional standard patterns through flat pattern methods, measurements and rub-off. Students study the process from initial design concept through first sample. Studio fee required. Prerequisite: FD 21100 Offered: fall semester.

**FD 31300 - Apparel Design III: Mini Collections (3)**

This course explores the development of advanced apparel styles through the application of pattern drafting and draping principles. Students are exposed to the design process, from initial concept and muslin sample development to final execution of the finished garments. Studio fee required. Prerequisite: FD 31200 Offered: spring semester.

**FD 31600 - Fashion Illustration (3)**

This course will introduce students to the basic steps of drawing fashion figures. Other facets of this course include rendering fabrics, flat sketches, and fashion accessories. Students will be required to build a mini-portfolio. Prerequisite: ART 33100 Offered: fall semester.

**FD 35000 - Computer-Aided Design I: Apparel Design (3)**

Using various software, students construct garment flats and illustrations, scan croquis, and design textiles and visuals. Emphasis on the computer as a tool to achieve apparel designs. Lab fee required. Prerequisite: FD 31600 Offered: spring semester.

**FD 35100 - Computer-Aided Design II: Textile Design (3)**

This course requires students to utilize digital programs to create textile designs. Students will also be exposed to texture mapping and storyboards. Color modes, color matching and printing considerations will be discussed. Class time is divided between instructor demonstrations, student exercises, and arranged lab time for independent work. Lab fee required. Prerequisite: FD 35000 Offered: fall semester.

**FD 35200 - Computer-Aided Design III: Patternmaking (3)**

This course requires students to design and manipulate patterns using apparel industry-specific computer software, including digitizing, pattern grading and marker making. Technical design and production information is generated. Class time divided between instructor demonstrations, student exercises, and arranged lab time for independent work. Lab fee required. Prerequisite: FD 35100 Offered: spring semester.

**FD 37600 - Fashion Accessories (3)**

This course introduces students to the study of fashion accessories. Material covered will include an overview of the historic and contemporary components of accessories which will help students to better predict fashion trends. The specific accessories selected for study may vary from semester to semester. Studio fee may be required. Prerequisite: FD 21100 Offered: fall semester.

**FD 38500 - Fashion Business and Entrepreneurship (3)**

This course is a study of the commercial and professional elements of fashion, including analysis of merchandising and marketing practices within fashion and its related industries. Prerequisite: FD 20000 Offered: intermittently.

**FD 41400 - Apparel Design IV: Technical Design (3)**

This course focuses on elements used in the mass production of clothing. Students work in groups to choose an existing company; study its history, design philosophy, and customer base; and design a collection for a specific season, including spec sheets and technical packages for practical application. Studio fee required. Prerequisite: FD 31300 and FD 35000 Offered: fall semester.

**FD 45000 - Portfolio Design (3)**

This course is designed to teach fashion students how to construct a professional fashion portfolio. Emphasis on illustration skills and various media and presentation techniques. Studio or lab fee required. Prerequisite: FD 31300 Offered: spring semester.

**FD 46500 - Fashion Internship (3-6)**

Supervised work experience for the advanced student which requires the application of principles, skills, and strategies within the discipline. Requires signed internship agreement by student, faculty of record, and supervisor representing host organization. May be repeated for a maximum of six credit hours. Prerequisite: Junior standing, successful completion of the WPA or ENGL 21000, and permission of dean. Offered: fall and spring semesters.

**FD 48700 - Senior Collection I (3)**

This is the first of two capstone courses in which students identify customer profiles, research major areas of their specialization and

inspiration, and select fabrics. After designing a collection appropriate for a chosen market, students design the flat patterns, draping and muslins for the final garment. Students will develop portfolio-ready technical sketches, illustrations, flats, color storyboards, and fabric swatches. Studio fee required. Prerequisite: FD 31300 Offered: fall semester.

### **FD 48800 - Senior Collection II (3)**

This course (a continuation of FD 48700), students fabricate their designs. Industry standard construction techniques are applied in the execution of the final collection, while portfolio quality presentation boards support the collection. Studio fee required. Prerequisite: FD 48700 Offered: spring semester.

## **FIN - Finance**

### **FIN 31200-31299 - Directed Studies in Finance (3)**

An independent structured learning experience will be developed to ensure students' knowledge and competencies are achieved in selected topics. Areas of specific need will be pursued to supplement normal classroom instruction. Prerequisite: Permission of the instructor and dean of the School of Business & Entrepreneurship. Also required is the successful completion of the Writing Proficiency Assessment (WPA) or ENGL 21000. Offered: By arrangement only.

### **FIN 32000 - Principles of Finance (3)**

This course introduces the student to the fundamental concepts of financial management including basic financial analysis, working capital management, planning and forecasting, security valuation, capital budgeting, cost of capital, leverage and capital structure, and international financial management. Lab fee may be required. Prerequisite: a grade of C or better in ACCT 21010 and MTH 14100 or MTH 14200 or higher. Also required is the successful completion of the Writing Proficiency Assessment (WPA) or ENGL 21000. Offered: fall and spring semesters.

### **FIN 32010 - Corporate Finance I (3)**

This course provides an in-depth examination of issues and techniques of financial management, including financial statement analysis, financial planning and forecasting, financial markets, valuation of securities, financial options, capital budgeting, and cost of capital. Prerequisite: a grade of C or better in ECON 23030 and FIN 32000. Also required is the successful completion of the Writing Proficiency Assessment (WPA) or ENGL 21000. Offered: fall and spring semesters.

### **FIN 32020 - Investments I (3)**

This course is a survey of the basic concepts of investing with an emphasis on common stocks. Students will be required to prepare a report on an investment in an assigned company based on economic, industry, and company specific factors. Lab fee may be required. Prerequisite: a grade of C or better in ECON 23030 and FIN 32000. Also required is the successful completion of the Writing Proficiency Assessment (WPA) or ENGL 21000. Offered: fall and spring semesters.

### **FIN 32030 - Consumer Finance (3)**

This course surveys the economic factors and personal decisions that affect financial well-being: cash and credit management, taxes, major expenditures, insurance, investments, and retirement

and estate planning. Emphasis is on practical knowledge for personal financial management and serving customers of the banking, brokerage, insurance, and other consumer finance industries. Prerequisite: a grade of C or better in ACCT 21010. Also required is the successful completion of the Writing Proficiency Assessment (WPA) or ENGL 21000. Offered: fall and spring semesters.

### **FIN 32035 - Retirement Planning (3)**

Retirement planning focuses on preparation for retirement. The course will include the important of retirement planning, an evaluation of the client's needs, an understanding of Social Security and Medicare, and qualified and non-qualified retirement plans. Prerequisite: a grade of C or better in one of the following math courses: MTH 14100, MTH 14200, MTH 15100, MTH 15200, MTH 17300, MTH 27100, or MTH 27200. Also required is the successful completion of the Writing Proficiency Assessment (WPA) or ENGL 21000. Offered: fall semester.

### **FIN 32036 - Estate Planning (3)**

Estate planning focuses on the efficient conservation and transfer of wealth consistent with the client's goals. The course is a study of the legal, tax, financial, and non-financial aspects of this process, covering topics such as trusts, wills, probate, advanced directives, charitable giving, and wealth transfers and their related taxes. Prerequisite: a grade of C or better in FIN 32030. Also required is the successful completion of the Writing Proficiency Assessment (WPA) or ENGL 21000. Offered: fall semester.

### **FIN 32040 - Risk & Insurance (3)**

This course surveys the area of risk and insurance and examines the concepts of risk, the nature of the insurance device, and the principles of risk management. Life insurance, health insurance, property and liability insurance, and social insurance are treated in terms of their relationship to the wide range of insurable risks to which the individual and the business firm are exposed. Prerequisite: a grade of C or better in one of the following math courses: MTH 14100, MTH 14200, MTH 15100, MTH 15200, MTH 17300, MTH 27100, or MTH 27200. Also required is the successful completion of the Writing Proficiency Assessment (WPA) or ENGL 21000. Offered: spring semester.

### **FIN 32050 - Financial Institutions and Markets (3)**

This course is a study of asset and liability management for financial institutions including the effect of regulations and laws on the management of financial institutions. Prerequisite: a grade of C or better in ECON 23030 and FIN 32000. Also required is the successful completion of the Writing Proficiency Assessment (WPA) or ENGL 21000. Offered: spring semester.

### **FIN 32092 - Analysis of the Housing Market and Home Purchase Process (3)**

The history of the 2007-2008 housing crisis will be discussed. Analysis of the national and local housing markets as well as investigating property values across the country. A review of the home purchase process will include home selection, hiring a real estate agent, applying for a mortgage, credit reports, affordability, negotiating the offer, appraisals, inspections, taxes, insurance, and the closing process. Also, the true cost of home ownership will be investigated. Prerequisite: A grade of C or better in ACCT



21010 and successful completion of the WPA or ENGL 21000. Offered: intermittently.

**FIN 39000-39999 - Special Topics in Finance (1-3)**

**FIN 41200-41299 - Directed Studies in Finance (3)**

An independent structured learning experience will be developed to ensure students' knowledge and competencies are achieved in selected topics. Areas of specific need will be pursued to supplement normal classroom instruction. Prerequisite: Permission of the instructor and dean of the School of Business & Entrepreneurship. Also required is the successful completion of the Writing Proficiency Assessment (WPA) or ENGL 21000. Offered: By arrangement only.

**FIN 42010 - Corporate Finance II (3)**

This course is a continuation of FIN 32010 Corporate Finance I. Topics will include capital structure, distributions to shareholders, financing decisions, working capital management, short-term financing, mergers and acquisitions, and multinational financial management. Prerequisite: a grade of C or better in FIN 32000. Also required is the successful completion of the Writing Proficiency Assessment (WPA) or ENGL 21000. Offered: intermittently.

**FIN 42020 - Investments II (3)**

This course covers fixed income securities, mutual funds, commodities, derivative securities, and portfolio management. Prerequisite: a grade of C or better in FIN 32000. Also required is the successful completion of the Writing Proficiency Assessment (WPA) or ENGL 21000. Offered: spring semester.

**FIN 42030 - Financial Planning Capstone (3)**

This course will engage the student in critical thinking and decision-making about personal financial management topics in the context of the financial planning process. The purpose of this course is to refine and develop the skills needed for personal financial planners when working with individuals, families, and business owners in meeting financial needs and objectives. Prerequisite: senior standing, final semester. Also required is the successful completion of the Writing Proficiency Assessment (WPA) or ENGL 21000. Offered: spring semester.

**FIN 42080 - Seminar in Finance (3)**

This course is an application of the theoretical principles of finance theory to case studies on special financial problems, such as international finance, small business finance, the timing of financial policy, and optimum capital structure. Prerequisite: senior standing and a grade of C or better in FIN 32010 and FIN 32020. Also required is the successful completion of the Writing Proficiency Assessment (WPA) or ENGL 21000. Offered: spring semester.

**FIN 42095 - Internship (1-9)**

The Internship Program is designed to expose the student to a variety of practical business environments. This exposure will permit the student to observe and experience firsthand how businesses function in today's society. Prerequisite: permission of the dean, faculty advisor, and internship coordinator, junior standing, and a cumulative GPA of 2.50 overall and a cumulative GPA of 3.0 in all required degree courses. Also required is the

successful completion of the Writing Proficiency Assessment (WPA) or ENGL 21000. Offered: fall and spring semesters.

**FIN 49000-49999 - Special Topics in Finance (1-3)**

**FPS - Fire and Paramedic Science**

**FPS 10000 - Introduction to Public Safety (3)**

The course will examine various public safety careers including firefighting, emergency medical services, and law enforcement. Educational and professional requirements for entry into these careers will be explored. Salary, schedules, and working conditions will be discussed, physical and psychological requirements for success will also be analyzed. Offered: intermittently

**FPS 29300-29399 - Special Topics in Firefighting and Emergency (3)**

Selected topics offered for firefighting or emergency services training. Lab fee may be required. Offered: intermittently

**FPS 30000 - EMT-Basic (9)**

This course will teach students to assess ill and injured patients and to provide basic treatment including airway management, ventilation, oxygenation, wound management, splinting, and childbirth. This course is designed to meet the requirements to apply for registration with the National Registry of EMTs and to apply for a license as an Emergency Medical Technician in the State of Missouri. This course includes at least 40 hours of clinical duties. Prerequisite: BSC 10000, CHM 10000, or CHM 10100, or [CHM 230000 and CHM 231000], CPR certification, criminal background check, a drug screening, Fire and Paramedic Science major, and junior status. Offered: fall and spring semesters.

**FPS 30100 - First Responders (3)**

This course will overview a range of crisis intervention theories and practice approaches for first responders following crises events. Emphasis will be on interdisciplinary approaches to crises events that will be applied to a variety of situations. Prerequisite: C or better in ENGL 17000 Offered: intermittently

**FPS 30200 - Hazardous Materials (3)**

This course will provide an overview of regulatory requirements for the evaluation, handling, storage and management of hazardous materials from the environmental, health, and safety perspective of an emergency responder. Prerequisite: C or better in ENGL 17000 and (CHM 10000 or CHM 10100) Offered: intermittently

**FPS 32000 - Introduction to the Essentials of Firefighting (3)**

This course covers the basic principles of being a firefighter and is an overview of the firefighting field covering topics such as the nature of fire, the essential functions of firefighting as a career, and forensic and investigatory aspects of firefighting. Prerequisite: ENGL 17000 and sophomore status. Offered: intermittently.

**FPS 36000 - Fire and Emergency Services Management (3)**

This course will review and examine management and leadership issues for firefighters and emergency service personnel.

Prerequisite: ENGL 17000 and sophomore status. Offered: intermittently.

**FPS 37000 - Fire Academy I (15)**

Students will attend the St. Charles County Fire Academy for firefighter training. Prerequisite: Permission of the dean. Offered: spring semester.

**FPS 38000 - Paramedic I (12)**

This class provides the foundation for paramedic education. Training covers the history of emergency medical services; an overview of the EMS system and medical oversight; principles of research; legal and ethical concerns, review of anatomy and physiology; introduction to pathophysiology; lifespan development; therapeutic and system communications; principles of pharmacology; techniques of drug and fluid administration; and proper documentation. Students will also review cardiovascular anatomy, physiology and pathophysiology. Assessment and management of the patient with cardiovascular illness will be covered in depth. The student will learn to interpret basic and 12-lead electrocardiograms and manage cardiovascular emergencies using specialized medical devices, pharmacologic agents, and therapeutic electrical interventions. Response to cardiac arrest will be reviewed in depth. This course also outlines respiratory anatomy, physiology and pathophysiology; explores the interrelationship between airway, respiration, ventilation, and oxygenation. Students will learn basic and advanced skills to establish and maintain a patient's airway and ensure adequate oxygenation, respiration, and ventilation. Prerequisite: Current EMT-Basic License, BSC 10000, CHM 10000 or (CHM 23000 and CHM 23100), HFS 20700 or (BSC 22700 and BSC 22800)(may substitute BSC 10700 with permission of department chair) with a C or better. Permission of the dean. Must be Fire and Paramedic Science major and junior status. Offered: fall semester.

**FPS 38100 - Paramedic II (10)**

This course will outline pathophysiology, assessment, and management of patients with allergic, respiratory, neurologic, behavioral, infectious and endocrine emergencies. Additionally, students will learn clinical decision-making theory and skills. Course also outlines pathophysiology, assessment and management of patients with gastrointestinal, urologic, hematologic, toxicological, and environmental emergencies. Course also outlines lifespan differences; pathophysiology, assessment and emergency management of children and older adults who are ill or injured; and of patients with gynecologic and obstetrical emergencies including normal and abnormal delivery. Students will learn pre-hospital care needed during normal and abnormal delivery and how to perform newborn resuscitation; pre-hospital response to patients who are abused or neglected; patients who have special needs; and patients undergoing acute interventions in the home environment will be reviewed. Prerequisite: Grade of C or better in FPS 38000. Offered: spring semester.

**FPS 39300-39399 - Special Topics in Firefighting and Emergency Services (3)**

Selected topics offered for advanced firefighting or emergency services training. Lab fee may be required. Prerequisite: junior status. Offered: intermittently.

**FPS 45000 - Paramedic Clinical I (2)**

Introduction to ambulance and hospital clinical. During this phase, students will perform basic life support skills on an ambulance. Additionally students will perform airway and ventilation management during hospital clinical experience in surgery and observe interventional cardiac procedures in the cardiac catheterization labs. Prerequisite: junior status and permission of dean. Offered: fall semester.

**FPS 45100 - Paramedic Clinical II (4)**

The paramedic student will apply clinical knowledge and perform patient interventions under the direct supervision of a preceptor in hospital and ambulance clinical sites. The paramedic student will team lead basic life support calls, begin to team lead on selected advanced life support calls and assist the emergency care team. A minimum of 200 hours must be completed with a goal of 300 hours this semester. Prerequisite: FPS 45000 with a grade of C or better. Offered: spring semester.

**FPS 45200 - Paramedic Clinical III (4)**

The paramedic student will integrate clinical knowledge and perform patient interventions under the direct supervision of a preceptor in hospital and ambulance clinical sites. The paramedic student will direct the paramedics as team leader on appropriate advanced life support calls. A minimum of 300 hours are required plus any hours not completed in Clinical I and II. Prerequisite: FPS 45100 with a grade of C or better. Offered: summer terms only.

**FPS 48000 - Paramedic III (7)**

This course will review mechanisms of injury based knowledge of the forces that cause trauma. Assessment and management of patients injured by mechanical, thermal, electrical or chemical agents will be covered in detail. Course will also outline logistical and special operations considerations in the pre-hospital environment that include ambulance operations; safety; rescue; Incident Command; crime scene considerations; and hazardous materials. In addition, students will learn a complaint-based approach to assessment and management of medical conditions. Offered summer terms only. In addition this course will provide a review and summary of cognitive knowledge and skills needed to prepare the student for the final course evaluation and for the National Registry practical and written evaluations. Prerequisite: Grade of C or greater in all fire and paramedic courses taken plus a current EMT-Basic license. Additional background check and drug screening may be necessary based on time from original check and screening. To receive license all clinical hours must be completed. Prerequisite: Grade of C or better in FPS 38100 required. Offered: summer term only.

**FRE - French****FRE 10100 - Elementary French I (3)**

(GE-ForLang) This course is an introduction to French language and culture through reading, writing, speaking, and listening. Offered: fall semester.

**FRE 10200 - Elementary French II (3)**

(GE-ForLang) This course is a continuation of the 10000-level sequence, in which students deepen their knowledge of French language and culture and further develop reading, writing, speaking and listening skills. Prerequisite: FRE 10100 or permission of dean. Offered: spring semester.

**FRE 143XX - Study Abroad Options (3-7)**

The courses listed below are offered at the Université de Caen. See the director of the French study abroad program for specific information. Offered: fall and spring semesters.

FRE 14304 - Oral and Written Communication I (7)

FRE 14305 - Grammar I (5)

FRE 14306 - Control of the Phonological System I (3)

FRE 14307 - French Society and Culture I (3)

**FRE 20100 - Intermediate French I (3)**

(GE-ForLang) Through this course students will further develop their language skills and advance their understanding of Francophone cultures through discussions, readings, and written work. Prerequisite: FRE 10200 or permission of dean. Offered: fall semester.

**FRE 20200 - Intermediate French II (3)**

(GE-ForLang) This review course is designed to further give the student a command of basic grammatical structures and to increase vocabulary and fluency through reading and through oral and written analysis of short literary and cultural selections. Prerequisite: FRE 20100 or permission of dean. Offered: spring semester.

**FRE 21000 - French Phonetics (1-3)**

(GE-ForLang) This course is the study of the key intonation patterns of French in order to improve French pronunciation and spelling. Historical study of the linguistic development of the language. Exercises based on various literary texts. Repeatable for credit. Prerequisite: FRE 10200 or permission of dean. Offered: intermittently.

**FRE 23000 - France: Museums, Monuments and Culture (3)**

(GE-CrsClt) This course is designed so that the student may study directly the various museums and historical monuments of France, as well as participate in an immersive cultural and linguistic experience. The course may include a study of a particular region, such as the castles of the Loire Valley, or an in-depth study of the various museums and monuments of Paris. Students will travel to the area of study to continue their research and to practice their communicative skills. Offered: intermittently.

**FRE 243XX - Study Abroad Options (3-7)**

The courses listed below are offered at the Université de Caen. See the director of the French study abroad program for specific information. Offered: fall and spring semesters.

FRE 24304 - Oral and Written Communication II (7)

FRE 24305 - Grammar II (5)

FRE 24306 - Control of the Phonological System II (3)

FRE 24307 - French Society and Culture II (3)

**FRE 31100 - French Conversation and Composition I (3)**

(GE-ForLang) This course is a systematic grammar review and vocabulary building with readings, oral reports, and written composition on topics of current interest. Prerequisite: FRE 20100 or permission of dean. Offered: spring semester.

**FRE 31200 - French Conversation and Composition II (3)**

(GE-ForLang) This course is a systematic grammar review and vocabulary building with readings, oral reports, and written composition on topics of current interest. Prerequisite: FRE 20200 or permission of dean. Offered: fall semester.

**FRE 33700 - History of French Civilization (3)**

(GE-CrsClt) This course offers a survey of the social, cultural, and political history of France from the Middle Ages to the present with emphasis on the major intellectual and artistic contributions of France to the Western World. Taught in French. Prerequisite: a grade of C or better in FRE 31100 or FRE 31200 or permission of dean. Offered: spring semester.

**FRE 343XX - Study Abroad Options (1-6)**

The courses listed below are offered at the Université de Caen. See the director of the French study abroad program for specific information. Prerequisite: a grade of C or better in FRE 20200 and permission of the director of the French study abroad program. Offered: fall and spring semesters.

FRE 34310 - Oral French and Phonetics III (3-4)  
(GE-ForLang)

FRE 34314 - Oral and Written Communication III (6)

FRE 34315 - Grammar III (3)

FRE 34316 - Phonetics I (3)

FRE 34317 - Literature I (2)

FRE 34318 - Geography and Institutions (2)

FRE 34319 - Gastronomy and Heritage (1)

FRE 34320 - Cooperative Project (1)

FRE 34321 - Oral and Written Communication IV (6)

FRE 34322 - Grammar IV (3)

FRE 34323 - Phonetics II (3)

FRE 34324 - Literature II (3)

FRE 34325 - Society and Institutions (2)

FRE 34326 - Global Simulation (1)

FRE 34327 - Writing Workshop (1)

FRE 34328 - Discourse Control (4)

FRE 34329 - Thoughtful Observation of Language (2)

FRE 34330 - Cross Cultural Itinerary I (3)

FRE 34331 - Literature/Culture I (2)

FRE 34332 - Analysis of Literary Texts (2)

FRE 34333 - Arts I (2)

FRE 34334 - Media (2)

FRE 34335 - Culture Project I (1)

FRE 34336 - Epistemology (2)

FRE 34337 - Analysis of Academic Discourse I (4)

FRE 34338 - Disciplinary Project I (1)

FRE 34339 - Speech Control (3)

FRE 34340 - Enunciative Linguistics (2)

FRE 34341 - Rhetoric and Argumentation I (2)

FRE 34342 - Cross Cultural Itinerary II (2)  
 FRE 34343 - Literature/Culture II (2)  
 FRE 34344 - Literature/History of Literature (2)  
 FRE 34345 - Philosophy (2)  
 FRE 34346 - Sociolinguistics (2)  
 FRE 34347 - Cultural Project II (1)  
 FRE 34348 - Epistemology II (2)  
 FRE 34349 - Analysis of Academic Discourse II (4)  
 FRE 34350 - Disciplinary Project II (1)

**FRE 35000 - Masterpieces of French Literature to 1800 (3)**  
 (GE-CrsCl) Students will analyze readings from selected works of prose, poetry, and drama from the Middle Ages through the 18th century. Taught in French. Prerequisite: a grade of C or better in FRE 31100 or FRE 31200 or permission of dean. Offered: fall semester.

**FRE 35100 - Masterpieces of French Literature since 1800 (3)**  
 (GE-CrsCl) Students will analyze readings of selected works of prose, poetry, and drama from the 19th century to the present. Taught in French. Prerequisite: a grade of C or better in FRE 31100 or FRE 31200 or permission of dean. Offered: spring semester.

**FRE 36000 - Speaking of Art: The Pulitzer Project (3)**  
 (GE-CrsCl) Advanced students in French train to give guided tours, in French, of exhibits at the Pulitzer Foundation for the Arts in St. Louis while studying the artists and movements associated with the exhibit. Tours are given primarily to area high school French students, but also can be given to students from other universities and to the general public. Can be taken more than once for credit. Prerequisite: Permission of dean. Offered: intermittently.

**FRE 38000-38099 - Special Topics (3)**  
 This course is designed for individualized study of specific topics within the field of French language, culture, and literature, as needed, and in consultation with French faculty. Course is taught in French. This course may be repeated, if circumstances require. Lab fee may be required. Prerequisite: Prerequisites vary by topic Offered: intermittently.

**FRE 38100-38199 - Special Topics (3)**  
 (GE-ForLang) This course is designed for individualized study of specific topics within the field of French language, culture, and literature, as needed, and in consultation with French faculty. This course is taught in French. This course may be repeated, if circumstances require. Lab fee may be required. Prerequisite: Prerequisites vary by topic Offered: intermittently.

**FRE 38200-38299 - Special Topics (3)**  
 (GE-CrsCl) This course is designed for individualized study of specific topics within the field of French language, culture, and literature, as needed, and in consultation with French faculty. This course is taught in French. This course may be repeated, if circumstances require. Lab fee may be required. Prerequisite: Prerequisites vary by topic Offered: intermittently.

**FRE 40000-40099 - Seminar on Selected Authors and Genres of French Literature (3)**  
 (GE-CrsCl) This course is a concentrated study and analysis of a genre and its representative authors, their major works, and

influence. The content of the course varies and will present in rotation different periods of French Literature. It may be repeated for credit as topics vary. Taught in French. Prerequisite: ENGL 17000; a grade of C or better in FRE 31100 or FRE 31200 or permission of dean. Offered: intermittently.

**FRE 41000 - Seventeenth-Century French Theatre (3)**  
 (GE-CrsCl) This course will examine important works of seventeenth century French theatre: tragedies by Corneille and Racine and comedies by Molière. The examination of these works will be set in the social and historical contexts in which they were written. Taught in French. Prerequisite: ENGL 17000; a grade of C or better in FRE 31100 or FRE 31200 or permission of dean. Offered: intermittently.

**FRE 41100 - Rise of the French Novel (3)**  
 (GE-CrsCl) This course will examine the novel as genre from its beginnings in the seventeenth century through the end of the eighteenth century, at which time it had come to be accepted as a legitimate literary form. Students will increase their familiarity with the literature of this period while improving their skills in literary analysis. Taught in French. Prerequisite: ENGL 17000; a grade of C or better in FRE 31100 or FRE 31200 or permission of dean. Offered: intermittently.

**FRE 41200 - French and Francophone Women Writers (3)**  
 (GE-CrsCl) This course will examine the works of a large number of women writing in French from the Middle Ages to the end of the 20th century. This examination will take place in the light of issues central to feminist and cultural criticism and will focus on relations between sexual identity and literary practices, between gender and genre and between politics and poetics. Taught in French. Prerequisite: ENGL 17000; a grade of C or better in FRE 31100 or FRE 31200 or permission of dean. Offered: intermittently.

**FRE 41300 - Twentieth-Century French Theatre (3)**  
 (GE-CrsCl) This course will examine the theory and practice of 20th-century French theatre. Students will study the ways these plays reflect the historical context in which they were written and the concepts of various literary movements of the 20th century, such as Existentialism or the Theatre of the Absurd. Taught in French. Prerequisite: ENGL 17000; a grade of C or better in FRE 31100 or FRE 31200 or permission of dean. Offered: intermittently.

**FRE 41400 - French Autobiography (3)**  
 (GE-CrsCl) This course will examine autobiography as a modern genre, slippery as that genre may be. We will examine the balance of reality and fiction within autobiography. Students will analyze the difficulties autobiographers encounter as they attempt to reconstruct the past and recreate their past selves through the text. Autobiographies studied may include those of Sartre, de Beauvoir, Sarraute, Duras, Ernaux, and others. Taught in French. Prerequisite: ENGL 17000; a grade of C or better in FRE 31100 or FRE 31200 or permission of dean. Offered: intermittently.

**FRE 443XX - Study Abroad Options (1-7)**  
 The courses listed below are offered at the Université de Caen. See the director of the French study abroad program for specific information. Prerequisite: a grade of C or better in FRE 20200

and permission of the director of the French study abroad program. Offered: fall and spring semesters.

FRE 44300 - Cognitive Linguistics (1)

FRE 44301 - Linguistics and Variation (1)

FRE 44302 - Rhetoric and Argumentation II (1)

FRE 44303 - Literature and Representations (1)

FRE 44304 - France in the New World Order (1)

FRE 44305 - Arts II (1)

FRE 44306 - Thesis (5)

FRE 44307 - Teachings in the Department of Choice (7)

## **GEO - Geography**

### **GEO 11500 - Physical Geography (4)**

(GE-EarthSci) This course involves an introductory investigation of the physical and historical processes that have shaped the surface of the earth, including land formation processes; water, weather, and climate systems; biogeography; and the effects of human activity on the earth's physical processes. This course includes a lab. Not open to students with credit in ESC 11500. Offered: intermittently.

### **GEO 18900-18999 - Study Abroad (5)**

The Study Abroad courses are offered at York St. John University. See the director of the history study abroad program for specific information. Prerequisite: ENGL 17000 with a C or better and permission of director of the history study abroad program Offered: fall and spring semesters.

### **GEO 18901 - Study Abroad: Urban Economic Geography (5)**

(GE-CrsClt) This course is offered at York St. John University. See the director of the history study abroad program for specific information. Prerequisite: ENGL 17000 with a C or better and permission of director of the history study abroad program

### **GEO 18902 - Study Abroad: Human Geographies of Yorkshire (5)**

This course is offered at York St. John University. See the director of the history study abroad program for specific information. Prerequisite: ENGL 17000 with a C or better and permission of director of the history study abroad program

### **GEO 18903 - Study Abroad: Social and Cultural Geography (5)**

The Study Abroad courses are offered at York St. John University. See the director of the history study abroad program for specific information. Prerequisite: ENGL 17000 with a C or better and permission of director of the history study abroad program

### **GEO 20000 - Introduction to Geographic Information Systems (3)**

This course introduces basic concepts necessary to an understanding of geographic information systems including its purpose, hardware, software, databases, and application. ArcView software will be used to display various databases, and students will design and execute cross-disciplinary projects in order to demonstrate the uses of GIS as a spatial analysis and decision making tool. Lab fee required. Not open to students with credit in ESC 20000. Offered: fall and spring semesters.

### **GEO 20100 - World Regional Geography (3)**

(GE-CrsClt) This course is a study of the major areas of the world divided along political boundaries and levels of development. Attention is given to the impact of the physical and cultural environment on the world areas and current issues in population, resource depletion, and economic disparities. Not open to students with credit in GEO 20200. Prerequisite: ENGL 17000 with a C or better; or permission of dean. Offered: fall and spring semesters.

### **GEO 20200 - Concepts of Geography (3)**

(GE-CrsClt) This course is a study of the major areas of the world divided along political boundaries and levels of development. With each world region, students will investigate the political, cultural, economic, and demographic processes at work as well as methods for incorporating this information into their elementary and high school classrooms. Not open to students with credit in GEO 20100. Prerequisite: ENGL 17000 with a C or better; EDU 10000; or permission of dean. Offered: intermittently.

### **GEO 20300 - Human Geography (3)**

(GE-CrsClt) Human Geography is a survey course that investigates the variability in human activity and human interaction with the environment over space. Sample topics include human behavior in space; population dynamics; economic development; spatial variation in agricultural systems; spatial variation in political systems; popular vs. traditional cultures, and human impacts on the natural environment. Prerequisite: ENGL 17000 with a C or better; or permission of dean. Offered: fall and spring semesters.

### **GEO 20700 - World Economic Geography (3)**

(GE-CrsClt) This introductory course is a study of the changing locations and spatial patterns of economic activity, including agriculture, manufacturing, and services. Focus will center on the historical development of different economies, on explanations for global and regional economic disparities, and the local and global effects of increasing international economic integration. Prerequisite: ENGL 17000 with a C or better; or permission of dean. Offered: intermittently.

### **GEO 28000-28099 - Special Topics (3)**

This course is a study of a specific topic, time period, or geographical area. It may be repeated as topics vary. Prerequisites vary by topic and will be noted in course schedule. Lab fee may be required. Prerequisite: ENGL 17000 with a C or better or concurrent enrollment. Offered: intermittently.

### **GEO 28100-28199 - Special Topics (3)**

(GE-CrsClt) This course is a study of a specific topic, time period, or geographical area. It may be repeated as topics vary. Prerequisites vary by topic and will be noted in course schedule. Lab fee may be required. Prerequisite: ENGL 17000 with a C or better or concurrent enrollment. Offered: intermittently.

### **GEO 28200-28299 - Special Topics (3)**

(GE-SocSci) This course is a study of a specific topic, time period, or geographical area. It may be repeated as topics vary. Prerequisites vary by topic and will be noted in course schedule. Lab fee may be required. Prerequisite: ENGL 17000 with a C or better or concurrent enrollment. Offered: intermittently.

**GEO 30000 - Advanced Topics in Geographic Information Systems (GIS) (3)**

This course is an advanced study of the various applications of Geographic Information Systems (GIS) technology. The lecture component of the course will cover industry “best practices” for data collection, analysis, production and presentation of spatial data. The lab component of the course will focus on a series of scenario-based projects. Students will be tasked with making real world decisions based on their analysis and interpretation of spatial data using ESRI’s ArcGIS software. Not open to students with credit in ESC 30000 Prerequisite: GEO 20000 or ESC 20000 Offered: fall and spring semesters.

**GEO 30100 - World Historical Geography (3)**

(GE-CrsClt) This course is designed for history majors. Using world regions as a matrix, students will investigate how the geographic perspective enhances understanding of world history. Emphasis will be placed on how geography has influenced the cultural characteristics of different regions and how historical and current interconnectivity between places is facilitated or limited by spatial variables. Not open to students with credit in GEO 20100 or GEO 20200. Prerequisite: HIS 10000 or HIS 22100; ENGL 17000 with a C or better; or permission of dean. Offered: Spring of even numbered years.

**GER - German****GER 10100 - Elementary German I (3)**

(GE-ForLang) This course is an introduction to the fundamentals of the language and a mastery of the basic principles with emphasis on speaking and reading comprehension. Offered: fall semester.

**GER 10200 - Elementary German II (3)**

(GE-ForLang) This course is an introduction to the fundamentals of the language and mastery of the basic principles, emphasis on speaking and reading comprehension. Prerequisite: GER 10100. Offered: spring semester.

**GER 20100 - Intermediate German I (3)**

(GE-ForLang) This course is a review of grammar and a study of linguistic, phonetic, and syntactical problems through reading and discussion of modern German prose. Prerequisite: GER 10200 or permission of dean. Offered: fall semester.

**GER 20200 - Intermediate German II (3)**

(GE-ForLang) This course is a review of grammar and study of linguistic, phonetic, and syntactical problems by reading and discussion of modern German prose. Prerequisite: GER 20100 or permission of dean. Offered: spring semester.

**GER 23000 - From the Berlin Wall to the Bavarian Alps (3)**

(GE-CrsClt) This course is designed to give students the opportunity to study directly the history and culture of two major German cities, Berlin and Munich, and to immerse students in German language and culture. Students will research a particular site prior to traveling to the two cities (and several smaller ones as well) to continue their research and to practice their communication skills. Offered: intermittently.

**GER 31100 - German Conversation and Composition I (3)**

(GE-ForLang) This course offers further development in aural comprehension and oral expression through reading and analysis of cultural and literary materials with exercise in syntax and elements of style. Techniques of group discussion, formal, and informal, oral and written presentation are presented. Prerequisite: GER 20200 or permission of dean. Offered: intermittently.

**GER 31200 - German Conversation and Composition II (3)**

(GE-ForLang) This course offers further development in aural comprehension and oral expression through reading and analysis of cultural and literary materials with exercise in syntax and elements of style. Techniques of group discussion, formal and informal oral, and written presentation are presented. Prerequisite: GER 31100 or permission of dean. Offered: intermittently.

**GER 38000-38099 - Special Topics in German (3)**

This course is designed for individualized study of specific topics within the field of German language, culture, and literature, as needed, and in consultation with German faculty. This course is taught in German. This course may be repeated, if circumstances require. Lab fee may be required. Prerequisite: Permission of dean Offered: intermittently.

**GER 38100-38199 - Special Topics in German (3)**

(GE-ForLang) This course is designed for individualized study of specific topics within the field of German language, culture, and literature, as needed, and in consultation with German faculty. This course is taught in German. This course may be repeated, if circumstances require. Lab fee may be required. Prerequisite: Permission of dean. Offered: intermittently.

**GER 38200-38299 - Special Topics in German (3)**

(GE-CrsClt) This course is designed for individualized study of specific topics within the field of German language, culture, and literature, as needed, and in consultation with German faculty. This course is taught in German. This course may be repeated, if circumstances require. Lab fee may be required. Prerequisite: Permission of dean. Offered: intermittently.

**GS - Gender Studies****GS 20101 - A Global Introduction to Gender Studies (3)**

(GE-CrsClt) This interdisciplinary course provides an introduction to the key topics and debates that have shaped the field of gender studies, including masculinity studies and the study of sexuality, history of women's movements and women's studies in America, cross cultural constructions of gender, and a thematic emphasis on the diversity of women's experience across class, race, and cultural lines. Through lecture and class discussion of texts from history, literature, film, psychology, and sociology, we will examine the pervasive influence of gender on the structure of society and our everyday experiences. What role does gender play in our understanding of love, friendship, sexuality, and even violence? Topics will include biological arguments about gender and sexuality; the social construction of gender and identity; intersections of gender, race, class, and sexuality; masculinity and femininity; and theories of sexual

difference and the construction of sexuality. Prerequisite: ENGL 17000 with a C or better. Offered: intermittently.

**GS 28600-28699 - Selected Topics in Gender Studies (3)**

This is a course designed to offer a variety of topics in gender studies. This course may be repeated as topics vary. Prerequisite: GS 20101.

**GS 30000 - Gender Theory (3)**

This course is designed to provide students with an introduction to key arguments and themes in contemporary gender studies. We will also examine the diverse perspectives of feminist and gender theories, and students explore some influential debates and issues within feminist thought and the ways in which feminist theories critically analyze conceptions of women and gender relations within political, social, and cultural contexts. The course studies feminisms, as well as masculinities, from an interdisciplinary approach. We will study different feminist theories from multiple perspectives, including socialist, psychoanalytic, postcolonial, third wave, and global feminisms. This course is not designed to be comprehensive or to cover all the debates pertaining to gender or feminism. Rather, this course aims to introduce students to key theoretical contributions of feminist thought. The course is focused on theory and is not designed to systematically cover the history of women's movements, with some discussion of political/social movements as well. Prerequisite: ENGL 17000 with a C or better. Offered: intermittently.

**GS 38600-38699 - Selected Topics in Gender Studies (3)**

This is a course designed to offer a variety of topics in gender studies. This course may be repeated as topics vary. Prerequisite: GS 20101.

**HFS - Health and Fitness Science**

**HFS 16000 - First Aid/CPR/Sport Injuries (2)**

This course is designed to provide training and offer certification in the areas of First Aid and CPR. Student will meet the skill and knowledge standards as determined by the certifying organization. Lab fee required. Offered: fall and spring semesters.

**HFS 20000 - Health and Nutrition (4)**

This course will provide the student with knowledge of health, fitness, nutrition, and wellness related topics, as well as applicable behavior modification strategies to assist in the prevention of health-related diseases. All components of wellness will be discussed (physical, mental, social, spiritual, and environment) with an emphasis in developing the student's personalized wellness program to develop and maintain a healthy lifestyle. Offered: fall and spring semesters.

**HFS 20400 - Care and Prevention of Athletic Injuries (3)**

This course is designed for individuals who are not pursuing a medical position and want to gain knowledge by providing basic information on how to identify and prevent injuries of the upper and lower extremity, head, neck, and spine, the importance of proper conditioning, and basic anatomy. Anyone may take this course. (Not open to students with credit in AT 28500). Offered: in J-Term only.

**HFS 20700 - Human Anatomy and Physiology (4)**

(GE-BioSci) This course is a study of the structure and function of the human skeletal, muscular, nervous, digestive, respiratory, and circulatory systems. Lab fee required. Prerequisite: CHM 10000 & BSC 10000 with a C or better. This course cannot be taken by Athletic Training and Exercise Science majors. Offered: fall and spring semesters.

**HFS 21000 - Adaptive Sport and Recreation (3)**

This course is designed to expose the student to the history, future direction, and various types of adapted sport and recreation that exist for individuals with chronic disease and disability. Students will master general rules, classifications, and modifications for maximum inclusion for sport, physical activity, and recreation for children and adults of all ages and abilities to emphasize full potential in life. Specific sports will be experienced hands on by the student. The student will be able to modify physical activity, sport, and recreation by developing an inclusive philosophy and atmosphere in programs. Offered in Fall semester.

**HFS 22000 - Motor Learning and Rhythmic Activity (3)**

This course is designed to show the process and factors related to the acquisition and performance of motor skills and effective application to rhythmic activity teaching methods. Prerequisite: PE 15000 or EXS 25000. Offered: fall and spring semesters.

**HFS 24000 - Stress Management (3)**

This course will explore the psychological and physiological nature of stress as it relates to the body and its role in health-related disease. The impact of stress on one's physical, mental, emotional, social, and spiritual well-being will also be discussed. Students will experience various coping strategies and relaxation techniques through active participation in these life skills. (PE majors receive 3 credit hours of lifetime activities towards degree requirements). Offered: in J-Term only.

**HFS 30000 - Community Health (3)**

This on-line course is designed to give a broad overview of the many dimensions of health promotion, care, and legislation. Topics covered include health organizations, communicable and chronic diseases, socioeconomic issues, environmental issues, and other topics related to epidemiology. Prerequisite: ENGL 17000 Offered: fall and spring semesters.

**HFS 30500 - Measurement & Evaluation in Physical Education (3)**

This course is a survey of the development, evaluation, and application of tests in health and physical education. The use and interpretation of statistical techniques in terms of strengths and weaknesses are considered. Not open to students with credit in REC 30500. Lab fee required. Prerequisite: PE 15000 or REC 20600 or EXS 25000. Offered: fall and spring semesters.

**HFS 31000 - Kinesiology of Physical Education (3)**

The course will study the anatomical and mechanical phenomenon which underlie human motion. The student will learn to undertake a systematic approach to the analysis of motor skill activities and exercise programs and acquire experience in applying that knowledge to the execution and evaluation of both the performer and the performance in the clinical and educational

milieu. Prerequisite: HFS 20700 or BSC 22700 or EXS 28000. Offered: fall and spring semesters.

**HFS 40000 - Adapted Physical Education (3)**

The outcome of this course is to produce an individual who is capable of teaching students with various disabilities who are integrated into regular physical education classes. The individual will also have the knowledge to provide an adapted physical education program for more severely disabled students in an appropriate atmosphere. This will be accomplished by requiring appropriate modifications for activities. Inclusion methods, philosophies, and community based opportunities are offered and discussed. Prerequisite: PE 33500 or PE 33600 or REC 31000 or HFS 22000. Offered: fall and spring semesters.

**HIS - History**

**HIS 10000 - World History Since 1500 (3)**

(GE-WHis) This course is a study of the growth and interactions of world cultures and concentrates on the history of the world since 1500. The emphasis is on the interaction of the West with other civilizations after the industrial and scientific revolutions. Colonialism, imperialism, and non-Western nationalist movements will be considered, along with the development of the current world situation. All sections may be taken for Honors Program credit. Not open to students with credit in HIS 22100. Prerequisite: ENGL 15000 or placement in ENGL 15000 or EPP 15000 or placement in EPP 15000. Offered: fall and spring semesters.

**HIS 10500 - America: Colony to Civil War (3)**

(GE-AmGovHis) This survey of American history begins its examination with the colonial origins of the United States and concludes with the Civil War. Political, economic, and social foundations of American development are stressed. Not open to students with credit in HIS 21500. Prerequisite: ENGL 15000 or placement in ENGL 15000 or EPP 15000 or placement in EPP 15000. Offered: fall and spring semesters.

**HIS 10599 - American History in the Age of the Boones (3)**

This course will explore the history of Colonial America and the United States during the lifetimes of the oldest and youngest of the Boone family who came to St. Charles County, Daniel (1734-1820) and his youngest son Nathan (1781-1856). Through the investigation of these lives and the time periods they span, students will gain an understanding of the political, economic, and social factors in the colonization of British North America, movement into the trans-Appalachian West, expansion of the Early Republic, and western expansion into the trans-Mississippi West. Not open to students with credit in HIS 10500 or HIS 21500. Prerequisite: ENGL 15000 or placement in ENGL 15000 or EPP 15000 or placement in EPP 15000. Offered: fall and spring semesters.

**HIS 10600 - America: Civil War to World Power (3)**

(GE-AmGovHis) This survey of American history traces the development of the United States from the Civil War to its present status as a world power. Political, economic, and social foundations of American development are stressed. Not open to students with credit in HIS 21600. Prerequisite: ENGL 15000 or

placement in ENGL 15000 or EPP 15000 or placement in EPP 15000. Offered: fall and spring semesters.

**HIS 15500 - U.S. Government: Politics and History (3)**

(GE-AmGovHis) A one semester study of the development of US political and constitutional thought from its origins to the present, this course will provide students with an overview of American national government as well as the development of the constitution and the shifts in political philosophies. Prerequisite: ENGL 15000 or placement in ENGL 15000 or EPP 15000 or placement in EPP 15000. Offered: fall and spring semesters.

**HIS 18900-18999 - Study Abroad (5)**

The Study Abroad courses are offered at York St. John University. See the director of the history study abroad program for specific information. Prerequisite: HIS 20300; HIS 26100; minimum GPA of 2.5; and permission of the dean Offered: fall and spring semesters.

**HIS 18901 - Study Abroad: War and Society (5)**

This course is offered at York St. John University. See the director of the history study abroad program for specific information. Prerequisite: HIS 20300; HIS 26100; minimum GPA of 2.5; and permission of the dean

**HIS 18902 - Study Abroad: Empires (5)**

This course is offered at York St. John University. See the director of the history study abroad program for specific information. Prerequisite: HIS 20300; HIS 26100; minimum GPA of 2.5; and permission of the dean

**HIS 18903 - Study Abroad: The Visible Past (5)**

This course is offered at York St. John University. See the director of the history study abroad program for specific information. Prerequisite: HIS 20300; HIS 26100; minimum GPA of 2.5; and permission of the dean

**HIS 20000 - History of the Contemporary World (3)**

This course focuses on the post-1945 super- power rivalry, the collapse of European communism, and decolonization and revolution in the Third World. Areas of emphasis include globalization, terrorism, revolutions, the Indochinese wars, Middle East conflicts and origins of the 21st century world. Prerequisite: ENGL 17000 with a C or better or concurrent enrollment. Offered: fall and spring semesters.

**HIS 20300 - Historical Methods (3)**

This class examines the tools and techniques of historical writing and interpretation of history and acts as an introduction to historical methods, source problems, bibliographical aids, source criticism, and use of related techniques. The nature and sources of primary and secondary evidence, as well as historical discourse, will also be examined and utilized in the papers produced for the course. Prerequisite: (HIS 10000, HIS 10500, HIS 10600, HIS 21500, HIS 21600, or HIS 22100); ENGL 17000 with a C or better; or permission of professor. Offered: fall and spring semesters.

**HIS 20500 - History of Asia (3)**

(GE-CrsClt) This survey explores the history of South, Southeast, and East Asia from the earliest times to the present. Prerequisite:



ENGL 17000 with a C or better or concurrent enrollment.  
Offered: fall semester.

**HIS 20700 - American Military History though World War Two (3)**

This course is a study of the role of the military in American life during war and peace from colonial times through World War Two. Tactical, strategic, political, and economic contexts as well as technological developments are considered in attempting to understand the causes, conduct, and consequences of armed conflict. Prerequisite: ENGL 17000 with a C or better or concurrent enrollment. Offered: fall semester of odd numbered years.

**HIS 20900 - The Nazi State (3)**

This course is an examination of Hitler and his Reich—the origins of National Socialism, the Nazi Revolution, and the social, cultural, and political changes that followed. Prerequisite: ENGL 17000 with a C or better or concurrent enrollment. Offered: intermittently.

**HIS 21400 - American Military History Since 1941 (3)**

This course is a history of U.S. military involvement in the world since the end of World War Two. Beginning with WWII and moving through to the 21st century, this class includes Korea, Vietnam, US interventions as well as the Gulf War. Tactical, strategic, political, and economic contexts as well as technological developments are considered in attempting to understand the causes, conduct, and consequences of these armed conflicts. Not open to students with credit in MS 45000. Prerequisite: ENGL 17000 with a C or better or concurrent enrollment. Offered: fall semester of even numbered years.

**HIS 21500 - American History to 1865 Advanced Survey (3)**

(GE-AmGovHis) This course is designed for first-year history majors. This survey of American history begins its examination with pre-Columbian cultures and European contact and ends at the end of the Civil War. It will focus on not only the historical record, but also the evolving historiography of the period. The primary emphases will be on the political, economic, and social foundations of American development from European contact through the War of the Rebellion. Not open to students with credit in HIS 10500. Prerequisite: ENGL 15000 or placement in ENGL 15000 or EPP 15000 or placement in EPP 15000. Offered: fall semester.

**HIS 21600 - American History Since 1865 Advanced Survey (3)**

(GE-AmGovHis) This course is designed for first-year history majors. This survey of American history begins its examination with the end of the Civil War and goes through the Cold War. It will focus on not only the historical record, but also the evolving historiography of the period. The primary emphases will be on the political, economic, and social foundations of American development from the start of Reconstruction to the recent past. Not open to students with credit in HIS 10600. Prerequisite: ENGL 15000 or placement in ENGL 15000 or EPP 15000 or placement in EPP 15000. Offered: spring semester.

**HIS 22000 - History of Latin America (3)**

(GE-CrsCl) This survey examines the history of Latin America from Columbus to the present and is designed to give the student a better appreciation of Latin American cultures. The course will also examine United States-Latin American relations and their impact. Prerequisite: ENGL 17000 with a C or better or concurrent enrollment. Offered: spring semester.

**HIS 22100 - Global History Since 1500 (3)**

(GE-WHis) This is a first year course for history majors. Concentrating on the history of the world since 1500, it studies the growth and interactions of world cultures and the various historiographical interpretations of the past offered by historians. The emphasis is on the interaction of the West with other civilizations from the age of exploration through the scientific and industrial revolutions and into the modern world. Colonialism, imperialism, and non-Western nationalist movements will be considered, along with the development of the current world situation. Not open to students with credit in HIS 10000. Prerequisite: ENGL 15000 or placement in ENGL 15000 or EPP 15000 or placement in EPP 15000. Offered: fall semester.

**HIS 22300 - The Ancient and Medieval World (3)**

This course provides a survey of ancient and medieval world civilizations, noting the emergence of the distinct cultures of the Americas, Eurasia, and Africa and the development of connections among medieval Eurasian cultures. Prerequisite: ENGL 17000 with a C or better or concurrent enrollment. Offered: fall semester.

**HIS 23200 - History of American Sports (3)**

This course will offer a survey of American sports history from the 19th century to the present. The class examines the origins of the major sports in the United States as well as a number of more minor ones. The class also examines the role of sports in American culture and society. Not open to students with credit in AST 21200. Prerequisite: ENGL 17000 with a C or better or concurrent enrollment. Offered: spring semester.

**HIS 23300 - Public History (3)**

This course is designed to introduce history majors, prospective history majors, and other interested undergraduates to career possibilities in public history. The course studies the various ways in which historians work outside the classroom in arenas that allow their work to be read, seen, heard, and interpreted by popular audiences. This course will focus on five different but related areas: archives, museums, historic preservation, historic sites, and media. Students will study the history of each of these areas, the theories that support them, and some aspects of the work involved. In addition, students will study controversies and ethical problems that public historians have faced. Not open to students with credit in AST 20200. Prerequisite: ENGL 17000 with a C or better or concurrent enrollment. Offered: spring semester.

**HIS 26100 - History of the British Isles (4)**

This course surveys the history of the British Isles, emphasizing England and Scotland. This course is a prerequisite for the semester abroad to York St. John University but is open to any student meeting the prerequisites. Prerequisite: HIS 10000 or HIS

22100; ENGL 17000 with a C or better or concurrent enrollment; or permission of dean. Offered: fall semester.

**HIS 28000-28099 - Selected Topics (3)**

This course is a study of a specific topic, time period, geographical area, or civilization. It may be repeated as topics vary. Prerequisites vary by topic and will be noted in the course schedule. Prerequisite: ENGL 17000 with a C or better or concurrent enrollment. Offered: intermittently.

**HIS 28200-28299 - Selected Topics (3)**

(GE-CrsCl) This course is a study of a specific topic, time period, geographical area, or civilization. It may be repeated as topics vary. Prerequisites vary by topic and will be noted in the course schedule. Prerequisite: ENGL 17000 with a C or better or concurrent enrollment. Offered: intermittently.

**HIS 28900-28999 - Study Abroad ()**

The Study Abroad courses are offered at York St. John University. See the director of the history study abroad program for specific information. Prerequisite: HIS 20300; HIS 26100; minimum GPA of 2.5; and permission of the dean Offered: fall and spring semesters.

**HIS 28901 - Study Abroad: The Flowering of the Middle Ages (5)**

This course is offered at York St. John University. See the director of the history study abroad program for specific information. Prerequisite: HIS 20300; HIS 26100; minimum GPA of 2.5; and permission of the dean

**HIS 28902 - Study Abroad: Europe in the Age of Nationalism, 1848-1914 (5)**

This course is offered at York St. John University. See the director of the history study abroad program for specific information. Prerequisite: HIS 20300; HIS 26100; minimum GPA of 2.5; and permission of the dean

**HIS 28903 - Study Abroad: Culture and Society in the USA, 1929-1960 (5)**

This course is offered at York St. John University. See the director of the history study abroad program for specific information. Prerequisite: HIS 20300; HIS 26100; minimum GPA of 2.5; and permission of the dean

**HIS 28904 - Study Abroad: The Rise and Fall of Soviet Communism (5)**

This course is offered at York St. John University. See the director of the history study abroad program for specific information. Prerequisite: HIS 20300; HIS 26100; minimum GPA of 2.5; and permission of the dean

**HIS 28905 - Study Abroad: From Slavery to Freedom in America (5)**

This course is offered at York St. John University. See the director of the history study abroad program for specific information. Prerequisite: HIS 20300; HIS 26100; minimum GPA of 2.5; and permission of the dean

**HIS 28906 - Study Abroad: Roads to Revolution: England, 1558-1642 (5)**

This course is offered at York St. John University. See the director of the history study abroad program for specific

information. Prerequisite: HIS 20300; HIS 26100; minimum GPA of 2.5; and permission of the dean

**HIS 28907 - Study Abroad: China, the Sleeping Dragon (5)**

This course is offered at York St. John University. See the director of the history study abroad program for specific information. Prerequisite: HIS 20300; HIS 26100; minimum GPA of 2.5; and permission of the dean

**HIS 28908 - Study Abroad: The Age of Revolution in Europe, 1780-1815 (5)**

This course is offered at York St. John University. See the director of the history study abroad program for specific information. Prerequisite: HIS 20300; HIS 26100; minimum GPA of 2.5; and permission of the dean

**HIS 30100 - Early Modern Europe (3)**

This course begins with a survey of the medieval background followed by intensive study of major themes of the evolution of European society from the Renaissance to 1815. Historiography and bibliographical research are integral to the course. Prerequisite: HIS 10000 or HIS 22100; HIS 20300; HIS 22300; junior standing; or permission of dean. Offered: fall and spring semesters.

**HIS 30200 - Modern Europe (3)**

This course covers European history from the end of the French Revolution to World War II. Historiography and research based on primary sources are integral to the course. Prerequisite: HIS 20300; HIS 30100; junior standing; or permission of dean. Offered: fall and spring semesters.

**HIS 30800 - The Origins of the United States to 1800 (3)**

This class is a one-semester survey of North America from its pre-Columbian origins to the election of 1800. It will focus on the creation of British North America, the development of slavery, US political institutions, the Revolution, and the formation of the American Republic. Prerequisite: HIS 10500 or HIS 21500; HIS 20300; ENGL 17000 with a C or better; or permission of dean. Offered: spring semester of even numbered years.

**HIS 30900 - The Age of Jackson (3)**

When he won the election of 1828, Andrew Jackson rose as an emblem of the age. The era in which Jackson lived was one of change in America, a transformation from the days of the founding fathers that was marked by revolutions in industry and transportation, westward expansion, the emergence of a new political and partisan order, and new calls for reforms in the social and political order. This course will examine the period in American history that bears the name of the seventh president, the reasons Jackson became such a symbol of the period, and the issues and events leading to the era we call the Age of Jackson and its aftermath. Prerequisite: HIS 10500 or HIS 21500; HIS 20300; ENGL 17000 with a C or better; or permission of dean. Offered: spring semester of odd numbered years.

**HIS 31000 - The Civil War and Reconstruction (3)**

This course examines the great schism in American history and focuses on the events immediately preceding the start of the war, the military, social, and political aspects of the war, and the

political and social ramifications of the immediate post-war period. Prerequisite: HIS 10500 or HIS 21500; HIS 20300; ENGL 17000 with a C or better; or permission of dean Offered: fall semester.

**HIS 31200 - The Growth of Modern America, 1877-1914 (3)**

This course spans American history from the end of Reconstruction (1877) to 1914. Its main focus is on the social, political, economic, and cultural aspects of the period with particular emphasis on the role of the period in shaping modern-day America. This course utilizes the period to examine the development and impact of industrialization, urbanization, technology, and transportation on the United States; the rise of consumer culture; changing ideologies; and reform movements. Prerequisite: HIS 10600 or HIS 21600; HIS 20300; ENGL 17000 with a C or better; or permission of dean. Offered: spring semester of even numbered years.

**HIS 31400 - Economic History of America (3)**

This course will utilize the history of the United States as a method of studying economics. By examining the history of American business and economic issues, students will investigate the following: markets and economic systems and the causes of their changes over time; the impact of economic concepts on governmental decisions, business development, and national growth; different segments of the economy and their evolving interdependence, and the impact of technologies and entrepreneurship on that evolutionary process; the impact of economic decisions by business leaders, governmental officials, and workers on the American political economy; the role of government in shaping and regulating the economy, along with the political, economic, and social consequences of that changing role. Prerequisite: HIS 10500, HIS 10600, HIS 21500, or HIS 21600; HIS 20300; ENGL 17000 with a C or better; or permission of dean. Offered: fall semester.

**HIS 31500 - History of Gender in America (3)**

This course is a one semester study of gender in the development of the US from the colonial period to the present. Students will consider both how the environment shaped the role of gender and how gender has influenced America. Prerequisite: HIS 10500, HIS 10600, HIS 21500, or HIS 21600; ENGL 17000 with a C or better; or permission of dean. Offered: fall semester of odd numbered years.

**HIS 31600 - A Biography of the Constitution (3)**

This course is a one semester study of the development of US and British political and constitutional thought from their British origins to the present and will focus on the development of both constitutions and the development and shifts in political philosophies. Prerequisite: HIS 10500, HIS 10600, HIS 21500, or HIS 21600; ENGL 17000 with a C or better; or permission of dean. Offered: spring semester of odd numbered years.

**HIS 31700 - The American West 1830-1960 (3)**

This course traces the transformation of the American West and how the realities and myths of westward movement shaped us as a nation from the 1830s through World War II. We will explore the clashes of culture with each wave of migration into the trans-Mississippi West along with the role and effects of the

environment in western development. Prerequisite: HIS 10500, HIS 10600, HIS 21500, or HIS 21600; ENGL 17000 with a C or better; or permission of dean Offered: spring semester of odd numbered years.

**HIS 31800 - History of Race in America (3)**

The United States remains a nation of peoples from different races, ethnic groups, and nationalities whose cultural backgrounds and American responses to them have shaped the nation's history and culture. The course will focus on the role and experiences of African-Americans, American Indians, Hispanics, immigrants, and Asians to gain a greater understanding of the ideas, traditions, and events that have shaped the ways people of different backgrounds live in America. Prerequisite: HIS 10500, HIS 10600, HIS 21500, or HIS 21600; ENGL 17000 with a C or better; or permission of dean. Offered: spring semester of even numbered years.

**HIS 32000 - The United States 1918-1945: Prosperity, Depression, and War (3)**

The course examines this era of revolutionary social, cultural and political transformation between the wars. Topics include the economic boom and cultural revolution of the 1920s, the Great Depression and the New Deal, and the World War II home front. Prerequisite: HIS 10600 or HIS 21600; ENGL 17000 with a C or better; or permission of dean. Offered: fall semester of even numbered years.

**HIS 32100 - The United States in the Age of the Cold War (3)**

This course will explore the history of the United States from 1945 to 1990. It will focus not only on the expanding conflict with the Soviet Union but also with domestic developments during the post-World War II period. Topics will include the Korean and Vietnam Wars, the Civil Rights Movement, the Arms and Space Races, the Great Society and the fall of the U.S.S.R. Prerequisite: HIS 10600 or HIS 21600; HIS 20300; ENGL 17000 with a C or better; or permission of dean. Offered: intermittently.

**HIS 32900 - Church and State in Early Modern Europe (3)**

This class will examine the evolving relationship between the Roman Catholic and Protestant Churches and emerging nation-states of Europe. Areas of emphasis will include the political and religious implications of the Protestant and Catholic Reformations of the 16th century, the emergence of unified nation-states, and the relationship between the rise of science and rational inquiry and traditional views of political and religious authority. Prerequisite: HIS 10000 or HIS 22100; HIS 20300; ENGL 17000 with a C or better; junior standing; or permission of dean. Offered: spring semester of even numbered years.

**HIS 33000 - European Intellectual History (3)**

Using selections from representative thinkers, this seminar-style course examines their impact on 17th century ideas of reason and the scientific method, and then investigates the impact of these on 18th century ideas of political and social reform and on 19th and 20th century theories of human nature, history, and political systems. These thinkers include Bacon, Descartes, Hobbes, Locke, Voltaire, Rousseau, Darwin, Marx, and Freud. Prerequisite: HIS 10000 or HIS 22100; ENGL 17000 with a C or

better; junior standing; or permission of dean. Offered: intermittently.

**HIS 33200 - Revolution in the Modern World (3)**

This seminar-style course examines the course of revolutionary thought and practice from the American Revolution to the present. Revolutions from across the globe will be considered. Prerequisite: HIS 10000 or HIS 22100; HIS 20300; ENGL 17000 with a C or better; junior standing; or permission of dean. Offered: spring semester of even numbered years.

**HIS 33600 - The Civilization of Industrialism (3)**

This course is an examination of the industrial revolution of the eighteenth and nineteenth centuries and its impact on economic, social, political, and intellectual life in Western Europe, especially the British Isles, in the eighteenth and nineteenth centuries. Prerequisite: HIS 10000 or HIS 22100; HIS 20300; ENGL 17000 with a C or better; junior standing; or permission of dean. Offered: intermittently.

**HIS 33700 - The Soviet Union and European Communism (3)**

This course will examine the history of the Soviet Union. It will focus on several themes, including the nature and role of the communist party, the experiences of the Soviet peoples, and the impact that the rise to power of the Communists had on the world outside of the Soviet Union, in particular Europe. Prerequisite: HIS 10000 or HIS 22100; HIS 20300; ENGL 17000 with a C or better; junior standing; or permission of dean. Offered: intermittently

**HIS 33800 - War and Society in the Twentieth Century (3)**

This course will examine the causes, onsets, course, and results of the two World Wars on the twentieth-century world. The focus of the course will be on Europe, but it will include the involvement of the non-European world and the impact of the two wars on world society. Prerequisite: HIS 10000 or HIS 22100; HIS 20300; ENGL 17000 with a C or better; junior standing; or permission of dean. Offered: intermittently

**HIS 35000 - Applied History (3-6)**

This course is designed to provide students with opportunities to practically apply historians' skills on projects with campus-related collections including the museum, archives, and the Boone site. The course is repeatable. Prerequisite: HIS 20300 and junior standing. Offered: fall and spring semesters.

**HIS 35500 - Europe Since 1945 (3)**

This course will introduce students to recent political, economic, and cultural trends on the continent which give Europe its distinctive identity. Prerequisite: HIS 10000 or HIS 22100; ENGL 17000 with a C or better; junior standing; or permission of dean. Offered: intermittently

**HIS 38000-38099 - Selected Topics (3)**

This course is a concentrated study of a specific topic, time period, geographical area, or civilization. It may be repeated as topics vary. Prerequisite: ENGL 17000 with a C or better; or permission of dean. Offered: intermittently.

**HIS 38200-38299 - Selected Topics (3)**

(GE-CrsCl) This course is a concentrated study of a specific topic, time period, geographical area, or civilization. It may be

repeated as topics vary. Prerequisite: ENGL 17000 with a C or better; or permission of dean. Offered: intermittently.

**HIS 38900-38999 - Study Abroad ()**

The study abroad courses are offered at York St. John University. See the director of the history study abroad program for specific information. Study abroad Offered: fall and spring semesters. Prerequisite: HIS 20300; HIS 26100; minimum GPA of 2.5; and permission of the dean Offered: fall and spring semesters.

**HIS 38901 - Study Abroad: Early Victorian England (5)**

This course is offered at York St. John University. See the director of the history study abroad program for specific information. Prerequisite: HIS 20300; HIS 26100; minimum GPA of 2.5; and permission of the dean

**HIS 38902 - Study Abroad: The English Civil War (5)**

This course is offered at York St. John University. See the director of the history study abroad program for specific information. Prerequisite: HIS 20300; HIS 26100; minimum GPA of 2.5; and permission of the dean

**HIS 38903 - Study Abroad: The American Nation Divided (5)**

This course is offered at York St. John University. See the director of the history study abroad program for specific information. Prerequisite: HIS 20300; HIS 26100; minimum GPA of 2.5; and permission of the dean

**HIS 38904 - Study Abroad: Late Victorian and Edwardian Britain (5)**

This course is offered at York St. John University. See the director of the history study abroad program for specific information. Prerequisite: HIS 20300; HIS 26100; minimum GPA of 2.5; and permission of the dean

**HIS 38905 - Study Abroad: The Great Society: America in the 1960s (5)**

This course is offered at York St. John University. See the director of the history study abroad program for specific information. Prerequisite: HIS 20300; HIS 26100; minimum GPA of 2.5; and permission of the dean

**HIS 38906 - Study Abroad: Anglo American Relations (5)**

This course is offered at York St. John University. See the director of the history study abroad program for specific information. Prerequisite: HIS 20300; HIS 26100; minimum GPA of 2.5; and permission of the dean

**HIS 38907 - Study Abroad: Conflict on the East Asian Mainland (5)**

This course is offered at York St. John University. See the director of the history study abroad program for specific information. Prerequisite: HIS 20300; HIS 26100; minimum GPA of 2.5; and permission of the dean

**HIS 38908 - Study Abroad: The First Crusade (5)**

This course is offered at York St. John University. See the director of the history study abroad program for specific information. Prerequisite: HIS 20300; HIS 26100; minimum GPA of 2.5; and permission of the dean

**HIS 38909 - Study Abroad: Origins of the Second World War (5)**

This course is offered at York St. John University. See the director of the history study abroad program for specific information. Prerequisite: HIS 20300; HIS 26100; minimum GPA of 2.5; and permission of the dean

**HIS 40000 - Senior Seminar in History (3)**

Students will demonstrate proficiency in United States, European, and World history via written examinations and in research methods via a written project. Prerequisite: History majors; minimum 2.00 GPA in major courses; completion of WPA or ENGL 21000; and senior standing. Offered: fall and spring semesters.

**HIS 45000 - History Internship (3-6)**

This course provides students with opportunities to practically apply historians' skills in the work world. Students will be exposed to a range of professional opportunities including museums, archives, and historical sites. The course is repeatable. Prerequisite: HIS 20300; junior standing; and minimum 3.0 GPA. Offered: fall and spring semesters.

**HRM - Human Resource Management****HRM 31200-31299 - Directed Studies in Human Resources (3)**

An independent structured learning experience will be developed to ensure students' knowledge and competencies are achieved in selected topics. Areas of specific need will be pursued to supplement normal classroom instruction. Prerequisite: Permission of the instructor and dean of the School of Business & Entrepreneurship. Also required is the successful completion of the Writing Proficiency Assessment (WPA) or ENGL 21000. Offered: By arrangement only.

**HRM 36510 - Human Resource Management (3)**

This course examines human resource functions related to business organizations, including job descriptions, recruiting and selecting, training and development, performance management compensation, labor management relations, and strategic planning. Lab fee may be required. Prerequisite: a grade of C or better in MGMT 26032. Also required is the successful completion of the Writing Proficiency Assessment (WPA) or ENGL 21000. Offered: fall and spring semesters.

**HRM 36520 - Labor Relations (3)**

This introductory course in labor relations covers labor history, legal foundations, growth of unions, certification, governmental roles, legal issues, collective bargaining, contracts, work stoppages, decertification, protected activity, worker-employer rights, grievance administration, NLRB role, and major labor acts. Prerequisite: a grade of C or better in MGMT 26032. Also required is the successful completion of the Writing Proficiency Assessment (WPA) or ENGL 21000. Offered: fall semester.

**HRM 36530 - Employee Training and Development (3)**

This course covers the methods and roles of training in the modern organization and examines the relationship between organizational planning and training, needs analysis, program design and delivery, training methods, learning theory, learning styles, and evaluation and testing. Prerequisite: a grade of C or

better in MGMT 26032. Also required is the successful completion of the Writing Proficiency Assessment (WPA) or ENGL 21000. Offered: fall semester.

**HRM 36540 - Employment Law (3)**

This course examines basic law as it applies to personnel situations. Students study equal employment, affirmative action, employment-at-will, constructive and unlawful discharge, wage and hours issues, mandatory benefits, workers compensation, protected classes, disability issues, workplace accommodation, and record-keeping requirements. Prerequisite: a grade of C or better in MGMT 26032. Also required is the successful completion of the Writing Proficiency Assessment (WPA) or ENGL 21000. Offered: fall and spring semesters.

**HRM 36550 - Compensation and Benefits (3)**

This course is an examination of pay structures, pay systems, parity, comparable worth, the relationship between pay and performance, internal and external equity, executive pay, benefits, and legal issues. Prerequisite: a grade of C or better in MGMT 26032. Also required is the successful completion of the Writing Proficiency Assessment (WPA) or ENGL 21000. Offered: fall semester.

**HRM 39000-39999 - Special Topics in Human Resource Management (1-3)****HRM 41200-41299 - Directed Studies in Human Resources (3)**

An independent structured learning experience will be developed to ensure students' knowledge and competencies are achieved in selected topics. Areas of specific need will be pursued to supplement normal classroom instruction. Prerequisite: Permission of the instructor and dean of the School of Business & Entrepreneurship. Also required is the successful completion of the Writing Proficiency Assessment (WPA) or ENGL 21000. Offered: By arrangement only.

**HRM 46595 - Internship (1-9)**

The Internship Program is designed to expose the student to a variety of practical business environments. This exposure will permit the student to observe and experience firsthand how businesses function in today's society. Prerequisite: permission of the dean, faculty advisor, and internship coordinator, junior standing, and a cumulative GPA of 2.50 overall and a cumulative GPA of 3.0 in all required degree courses. Also required is the successful completion of the Writing Proficiency Assessment (WPA) or ENGL 21000. Offered: fall and spring semesters.

**HRM 46599 - Human Resource Management Capstone (3)**

This is the capstone class for student completing a major in human resource management. The course includes a comprehensive review of HR topics, paired with application and analysis of such topics, including talent management and workforce planning, strategy, training and development, total rewards, employment law, and employee and labor relations. Lab fee may be required. Prerequisite: senior standing, a grade of C or better in HRM 36510 and in at least two of the following HRM classes: HRM36520, HRM36530, HRM36540, HRM36550. Also required is the successful completion of the Writing Proficiency Assessment (WPA) or ENGL 21000. Offered: spring semester.

**HRM 49000-49999 - Special Topics in Human Resource Management (1-3)****INTL - International Business****INTL 31200-31299 - Directed Studies in International Business (3)**

An independent structured learning experience will be developed to ensure students' knowledge and competencies are achieved in selected topics. Areas of specific need will be pursued to supplement normal classroom instruction. Prerequisite: Permission of the instructor and dean of the School of Business & Entrepreneurship. Also required is the successful completion of the Writing Proficiency Assessment (WPA) or ENGL 21000. Offered: By arrangement only.

**INTL 38000 - Global Business and Society (3)**

This course provides students with an overview of global business and trade within the framework of today's dynamic business environment. The course also looks at how historical perspectives influence and shape current events. Topics to be covered include globalization, trade theories, governmental influence on trade, cross national trade agreements, and an introduction to capital markets and foreign exchange. The course also examines how businesses interact with the cultural, political, ethical, legal, and economic environments of multiple nations. An overview of international business strategies is also provided. This course uses library research, case studies, and current business events to understand the methods and practices that international managers use to address these issues. Lab fee may be required. Prerequisite: successful completion the Writing Proficiency Assessment (WPA) or ENGL 21000. Offered: fall and spring semesters.

**INTL 39000-39999 - Special Topics in International Business (1-3)****INTL 41200-41299 - Directed Studies in International Business (3)**

An independent structured learning experience will be developed to ensure students' knowledge and competencies are achieved in selected topics. Areas of specific need will be pursued to supplement normal classroom instruction. Prerequisite: Permission of the instructor and dean of the School of Business & Entrepreneurship. Also required is the successful completion of the Writing Proficiency Assessment (WPA) or ENGL 21000. Offered: By arrangement only.

**INTL 48010 - International Marketing (3)**

This course is designed to provide an extensive analysis of the marketing mix and how it can be standardized for transnational markets. The course will present techniques used to identify potential markets of products and/or services in the global marketplace. Lab fee may be required. Prerequisite: a grade of C or better in INTL 38000. Also required is the successful completion of the Writing Proficiency Assessment (WPA) or ENGL 21000. Offered: fall and spring semesters.

**INTL 48020 - International Finance (3)**

This course is a study of financial decision making for multinational companies. Topics will include the international

monetary system, the foreign exchange market, management of foreign exchange exposure, world financial markets and institutions, and financial management of the multinational firm. Prerequisite: a grade of C or better in FIN 32000. Also required is the successful completion of the Writing Proficiency Assessment (WPA) or ENGL 21000. Offered: fall and spring semesters.

**INTL 48032 - International Management (3)**

This course builds on the foundations of global business through a survey of the International Business issues such as the political, legal, economic and cultural environments. It then proceeds to address management issues on an international scale. These issues include strategy formulation and implementation; organizational structure; managerial decision making and control; and human resource related topics such as leadership, motivation, selection and development. The course uses library research, case studies, and current business events to understand the methods and practices that international management uses to address these issues. Prerequisite: a grade of C or better in INTL 38000. Also required is the successful completion of the Writing Proficiency Assessment (WPA) or ENGL 21000. Offered: fall and spring semesters.

**INTL 48040 - International Economics (3)**

This course focuses on the causes and composition of international trade, policies used to control or promote trade, the balance of payments, and foreign exchange markets and institutions. Prerequisite: a grade of C or better in ECON 23020 and ECON 23030. Also required is the successful completion of the Writing Proficiency Assessment (WPA) or ENGL 21000. Offered: fall semester.

**INTL 48060 - International Risk and Politics (3)**

This course examines the determination and assessment of factors of risk in international business ventures, including the analysis of domestic and foreign constraints imposed by the political and economic environment of multinational business operations. Particular emphasis will be given to the means of identifying, evaluating, and neutralizing risks related to international law, hyper-inflationary economies, nationalization of assets, revolution, war, and inconvertibility of currency. The roles of governments in heightening and reducing risk will also be studied for their impact upon international business. Prerequisite: a grade of C or better in INTL 38000. Also required is the successful completion of the Writing Proficiency Assessment (WPA) or ENGL 21000. Offered: intermittently.

**INTL 48070 - International Business and Cross-Cultural Communications (3)**

(GE-CrsClt) This course focuses on factors which can influence communication between individuals from different cultures. Emphasis will be placed on how various cultures think, communicate, and behave. The goal of the course is for students to develop an appreciation for the complexity of cross-cultural communication, to become more aware of their own culturally based perceptions and patterns of thinking and behaving, and to develop skills for communicating in intercultural situations. Prerequisite: a grade of C or better in INTL 38000. Also required is the successful completion of the Writing Proficiency

Assessment (WPA) or ENGL 21000. Offered: fall and spring semesters.

### **INTL 48085 - International Business Strategy and Management (3)**

This course is the capstone for the international business major. It is designed to incorporate the various skills learned in the international business area into a comprehensive international business decision making course. This course will apply the skills learned in the international business courses to solve business problems using case studies and simulation format. Prerequisite: Senior standing and completion of INTL 48010, INTL 48020, INTL 48032, and INTL 48070. Also required is the successful completion of the Writing Proficiency Assessment (WPA) or ENGL 21000. Offered: spring semester.

### **INTL 48095 - Internship (1-9)**

The Internship Program is designed to expose the student to a variety of practical business environments. This exposure will permit the student to observe and experience firsthand how businesses function in today's society. Prerequisite: permission of the dean, faculty advisor, and internship coordinator, junior standing, and a cumulative GPA of 2.50 overall and a cumulative GPA of 3.0 in all required degree courses. Also required is the successful completion of the Writing Proficiency Assessment (WPA) or ENGL 21000. Offered: fall and spring semesters.

### **INTL 49000-49999 - Special Topics in International Business (1-3)**

#### **IR - International Relations**

### **IR 10000 - Introduction to International Relations (3)**

This course explores how religion, ethnicity, and nationalism become major factors that influence globalization and international politics. The course will focus on how identities which are formed through religion, ethnicity, and nationality are often the source of fierce conflict and violence in different regions of the world. The course will also provide insight into how religious identity, ethnicity, and nationality are often used in stereotypical and simplistic ways that tend to foster political conflict and violence. Offered: fall and spring semesters.

### **IR 20000 - International Organizations and the Global Architecture (3)**

This course introduces the notion of constitutionalization as a relatively recent aspect in the process that has been labeled governance beyond the state. It focuses on key elements of governance such as formal ("hard") and informal ("soft") institutions, modes of cooperation among international and transnational actors in world politics, changing practices and contexts of rights in national and transnational organization, and addressing stylistic responses of policy issues. The patterns emerge as processes of institutionalization, legalization, civilization, regulation, socialization, and constitutionalization in which the political weight of policy issues and their political assessment changes and new political arenas are created, all of which lay the foundation for a global architecture. Offered: fall semester.

### **IR 30000 - Diplomatic Affairs: Peace and Conflict Resolution (3)**

This course examines historical and comparative approaches to public diplomacy, a term used interchangeably with propaganda, mass persuasion, and international public relations. Students will learn how public diplomacy operates in both public and private settings, by individuals and institutions, and will review traditional, critical, war, and peace perspectives on the subject. It examines the evolving definition of the term in the post-9/11 world and its varying practical applications in different regions of the world. Special attention will be paid to major historical conflicts and their associated resolutions. Prerequisite: IR 10000, IR 20000, and ENGL 17000. Offered: spring semester.

### **IR 31000 - British Government and Politics (3)**

This course is a one-semester study that focuses on the development of modern British politics, post 1945. This will include a general look at parliament systems as well as more specific areas such as the parliament, monarchy, courts, parties and political philosophies. Prerequisite: ENGL 17000; HIS 15500 or PS 15500 Offered: spring semester of even numbered years.

### **IR 35000 - International Relations Theory (3)**

(GE-CrsClt) This course focuses on a close examination of the writings of classical and modern theorists who have had an impact on the study of international relations. Students will also be introduced to different approaches used in studying international relations. Furthermore, key concepts such as "balance of power," "power," "power politics," "levels of analysis," and "negotiations and diplomacy" will be addressed. Prerequisite: ENGL 17000 and (PS 15500, PS 15600, or HIS 15500). Offered: spring semester.

### **IR 35100 - American Foreign Policy (3)**

This course focuses on the conduct of American foreign policy by examining key participants such as the President, Congress, and governmental departments with important roles in foreign policy making. In addition, students are provided with a historical background to current foreign policy issues. Prerequisite: ENGL 17000; IR 35000 Offered: intermittently.

### **IR 40100 - Intelligence, Military, and National Policy (3)**

This class will examine the role of the military and intelligence in the development and conduct of national and foreign policy since the development of the modern nation-state. The course will cover topics such as the politics of the defense, philosophy and strategies, deterrence, guerrilla warfare, counter-insurgency, and weapons technology. Prerequisite: ENGL 17000; IR 35000. Offered: spring semester.

#### **LUL - Lindenwood Orientation**

### **LUL 10100 - Freshman Experience (2)**

As an orientation course, the purpose of this course is to introduce students to the many facets of College life and to provide the direction and support that will enhance their potential for success in their undergraduate program. The Seminar will provide information, instruction, exercises, techniques, group identity and interaction, and guidance in the four major areas of personal growth. May not be retaken for a higher grade. Lab fee required. Offered: fall and spring semesters.

**LUL 10101 - Honors Freshman Experience (3)**

As an orientation course, the purpose of this course is to introduce students to the many facets of College life and to provide the direction and support that will enhance their potential for success in their undergraduate program. A philosophical approach will be used to investigate the four major areas of personal growth. May not be retaken for a higher grade. Lab fee required. Offered: fall only.

**LUL 11000 - Academic Success Strategies (1)**

This course will provide the direction and support that will enhance adult students' potential for success in their undergraduate online program. Topics will include, but are not limited to, navigating Blackboard, balancing college and work, being an online learner, handling stress, academic honesty, managing one's time and energy, study skills, research skill, and learning strategies. Only students in undergraduate online degree programs are able to enroll in this course. Offered: fall and spring semesters.

**LUL 12000 - Strategies for Successful Veterans (1)**

This course is designed to help student veterans transition from the military into Lindenwood University and adjust to the demands of being a college student. The course also aims to promote academic success among student veterans and improve the retention of student veterans, helping them successfully transition out of the military and into a career. Prerequisite: This course is open to veterans of the US armed services only. Offered: Every semester

**LUL 20000 - Life and Leadership (3)**

This course is designed to examine leadership and to show students how to effectively lead in a group setting while learning the necessary habits and attitudes that others look for in productive leaders. Leadership is ultimately about influence, and this course aims to teach students how to gain influence that both encourages and permits others to follow them. Offered: intermittently.

**MGMT - Management****MGMT 16022 - Introduction to Business and Free Enterprise (3)**

Introduction to Business and Free Enterprise is an introductory course designed to familiarize the student with the subject matter of business and how businesses function in a free environment. This course introduces students to the essentials of business activities, including managing, marketing, accounting, and finance. This course is designed to help both non-business majors and those who are considering a business major to understand the nature of various economic systems with special emphasis on the free enterprise system. This course may not be taken by business majors with senior standing. Lab fee may be required. Prerequisite: a grade of C or better in ENGL 11000 or EPP 11000 or higher; or placement into ENGL 15000 or EPP 15000. Offered: fall and spring semesters.

**MGMT 26014 - Excel for Professionals (3)**

This comprehensive hands-on lab course focuses on the use of Excel to analyze and graph data, generate reports and support business decisions. Students will learn how to design

spreadsheets, work with pivot tables, create forms, consolidate results, publish data to the Web and streamline repetitive tasks through the use of macros. Lab fee required. Offered: intermittently.

**MGMT 26032 - Principles of Management (3)**

This survey course explores the development of the understanding of organizations and of the decision making skills required in management positions. The purpose of this course is to examine how management concepts have developed and continue to change. A detailed examination will be conducted of the four basic functions of management: planning, organizing, motivating, and controlling. Particular emphasis will be given to goal planning, managing change, career progression, and the managerial value system. By the end of this course, students will appreciate the changing environment of management. Lab fee may be required. Prerequisite: a grade of C or better in ENGL 17000. Offered: fall and spring semesters.

**MGMT 26061 - Business Law I (3)**

Business law is an introductory course designed to familiarize the student with the subject matter of the legal environment of business. Particular emphasis will be given to the sources of law; the role of society; the judicial function; and selected areas such as governmental regulation and agencies, crimes and torts, contracts, business organizations, personal property, agency, and employment law. Various approaches to understanding legal issues will be used, including case law analysis and the examination of current legal issues affecting business. Lab fee may be required. Prerequisite: a grade of C or better in ENGL 17000. Offered: fall and spring semesters.

**MGMT 31200-31299 - Directed Studies in Management (3)**

An independent structured learning experience will be developed to ensure students' knowledge and competencies are achieved in selected topics. Areas of specific need will be pursued to supplement normal classroom instruction. Prerequisite: Permission of the instructor and dean of the School of Business & Entrepreneurship. Also required is the successful completion of the Writing Proficiency Assessment (WPA) or ENGL 21000. Offered: By arrangement only.

**MGMT 36033 - Introduction to Management Decision Science (3)**

This course provides an introduction to the concepts and methods of decision science with emphasis on both the art and science of decision making. An important goal is to encourage a more disciplined thinking process in the way a manager approaches management decision situations. Topics will include problem identification and definition, biases, and decision and problem solving processes. Emphasis will be given to interpretation of computer solutions that involves the application of spreadsheet modeling. Models will be used to illustrate practical applications of quantitative managerial decision making to include optimization, inventory, project management, and forecasting techniques. Lab fee required. Prerequisite: a C or better in MIS 24000; a grade of C or better in MTH 141000 and in one of the following courses: MTH 14200, MTH 15100, MTH 15200, MTH 17500, MTH 24100, MTH 27100 or MTH 27200. Also required is the successful completion of the Writing Proficiency



Assessment (WPA) or ENGL 21000. Offered: fall and spring semesters.

**MGMT 36042 - Principles of Supply Chain Management (3)**

This course is designed for students who are interested in the emerging field of Supply Chain Management (SCM). This introductory course is designed to familiarize the student with the subject matter of procurement, forecasting, inventory management, enterprise resource planning, quality management, location selection, and supply chain integration and performance measurement. By the end of this course, students will have a foundation in SCM, and be prepared to determine if they want to pursue a career in SCM. Lab fee may be required. Prerequisite: a grade of C or better in ECON 23020 or ECON 23030. Also required is the successful completion of the Writing Proficiency Assessment (WPA) or ENGL 21000. Offered: intermittently.

**MGMT 36043 - Principles of Operations Management (3)**

This course introduces the student to the management of operations, in both the manufacturing and service sectors. This course is designed to help the student to understand the nature of how products or services are transformed for use by the end customer, in the field known as Operations Management. Topics include operations strategy, planning, quality, production systems, inventory management, and project management. Current production initiatives will also be explored including Six Sigma/Lean, Theory of Constraints, and material requirements planning. Lab fee may be required. Prerequisite: a grade of C or better in MGMT 26032 and MTH 14100, MTH 14200, MTH 15100, MTH 15200, MTH 17500, MTH 24100, MTH 27100 or MTH 27200. Also required is the successful completion of the Writing Proficiency Assessment (WPA) or ENGL 21000. Offered: fall and spring semesters.

**MGMT 36050 - Organizational Behavior (3)**

This course explores the behavior of individuals, teams, groups, and organizations, in the workplace. Topics include business trends, globalization, ethics, corporate social responsibility, leadership, team dynamics, change management, performance, morale, power, personalities, desirable competencies, and communication. Lab fee may be required. Prerequisite: a grade of C or better in ENGL 17000. Also required is the successful completion of the Writing Proficiency Assessment (WPA) or ENGL 21000. Offered: fall and spring semesters.

**MGMT 36062 - Business Law II (3)**

This course is designed to strengthen the student's understanding of the nature of governmental regulation of businesses, including corporations, partnerships, and limited liability companies; selected articles of the Uniform Commercial Code, including sales, commercial paper, and secured transactions; real property and estates; bankruptcy; and insurance. Various approaches to understanding these legal issues will be used, including case law analysis and the examination of current legal issues affecting business. Prerequisite: a C or better in MGMT 26061. Also required is the successful completion of the Writing Proficiency Assessment (WPA) or ENGL 21000. Offered: intermittently.

**MGMT 36081 - Career Development (3)**

This course is designed to help students to understand the academic and business career exploration and planning processes. The goal of this course is to provide the student with the strategies and skills necessary for a lifetime of career-related decision making. Students will engage in a variety of self-discovery initiatives through an exploration of personal interests, values, and abilities. With this information, students will utilize various techniques to define and clarify educational and career plans. In addition, several methods of researching academic and career opportunities both at Lindenwood University and in the community will be explored. Lab fee may be required. Prerequisite: junior standing. Offered: intermittently.

**MGMT 38900 - Game Theory (3)**

This is an applied logic course dealing with strategic action. The term 'game' includes any situation in which people interact and adopt strategies in order to reach a certain desired outcome. We will discuss rationality, revealed preference, risk, zero-sum games, games of cooperation, bargaining, decision theory, Nash equilibria, Prisoner's Dilemmas, etc. Prerequisite: MTH numbered 14200 or higher. Offered: spring semester of even-numbered years.

**MGMT 46040 - Project Management (3)**

This course develops a foundation of concepts and solutions that support the planning, scheduling, controlling, resource allocation, and performance measurement activities required for successful completion of a project. This course examines project management roles and environments, the project life cycle, and various techniques of work planning, and control and evaluation to achieve project objectives. The tools currently available to project managers are illustrated in this course through the use of Microsoft(r) Project software. Prerequisite: successful completion the Writing Proficiency Assessment (WPA) or ENGL 21000.

**MGMT 46050 - Managerial Ethics (3)**

This course is designed to help students understand the nature of the changing role of management with respect to ethics and public policy in the workplace. Current issues in ethics will be examined, including the position of business enterprises and their perceived value in society. The course will also explore the roles of managers, the public, and government in providing an atmosphere conducive to ethical business operations. This course will also address the business responsibilities of being a "good neighbor" at the local, national, and international levels. Prerequisite: a grade of C or better in MGMT 26032. Also required is the successful completion of the Writing Proficiency Assessment (WPA) or ENGL 21000. Offered: intermittently.

**MGMT 46063 - Business Law III (3)**

This course is a comprehensive study of the major areas of law that affect the legal and social environment of business. Topics to be addressed are business ethics, constitutional law, and governmental regulation of business, administrative agencies, international trade, intellectual property rights, and cyber law. Students will utilize reading comprehension, critical thinking, writing competence, and oral communication skills to analyze diverse fact patterns from a legal prospective. The course material will be presented primarily through the Socratic Method.

Prerequisite: a C or better in MGMT 26061 and ENGL 17000. Also required is the successful completion of the Writing Proficiency Assessment (WPA) or ENGL 21000. Offered: intermittently.

**MGMT 46082 - Management Policy (3)**

Management Policy is an advanced course designed to apply the theoretical principles of management to the processes of setting, implementing, and evaluating business strategy. This is the capstone course for all business majors, drawing on the information and skills developed over the course of the business program. The course will serve to reinforce the integration of the concepts presented in core business courses with the student's business degree. Various approaches to understanding these management issues will be used, including examinations and case study analyses. Lab fee may be required. Prerequisite: Final semester of senior year. Lab fee required. Also required is the successful completion of the Writing Proficiency Assessment (WPA) or ENGL 21000. Offered: fall and spring semesters.

**MGMT 46095 - Internship (1-9)**

The Internship Program is designed to expose the student to a variety of practical business environments. This exposure will permit the student to observe and experience firsthand how businesses function in today's society. Prerequisite: permission of the dean, faculty advisor, and internship coordinator, junior standing, and a cumulative GPA of 2.50 overall and a cumulative GPA of 3.0 in all required degree courses. Also required is the successful completion of the Writing Proficiency Assessment (WPA) or ENGL 21000. Offered: fall and spring semesters.

**MGMT 41200-41299 - Directed Studies in Management (3)**

An independent structured learning experience will be developed to ensure students' knowledge and competencies are achieved in selected topics. Areas of specific need will be pursued to supplement normal classroom instruction. Prerequisite: Permission of the instructor and dean of the School of Business & Entrepreneurship. Also required is the successful completion of the Writing Proficiency Assessment (WPA) or ENGL 21000. Offered: By arrangement only.

**MIS - Management Information Systems**

**MIS 14000 - Microcomputer Applications (3)**

An introductory course designed to address issues and practical applications important to microcomputer users, this course utilizes a "hands-on" lab approach. Subject areas addressed include word processing skills development, spreadsheet/database development and use of PowerPoint. Lab fee required. Offered: intermittently.

**MIS 24000 - Introduction to Information Systems (3)**

This course covers essential components of information systems and the impact of information technology on business organizations. Topics discussed include communications and networking, e-commerce, web technologies, database management, and systems development methodologies. Issues of cybercrime and computer ethics will be discussed. Use of spreadsheet software for decision support is emphasized. Lab fee required. Offered: fall and spring semesters.

**MIS 31200-31299 - Directed Studies in Management Information Systems (3)**

An independent structured learning experience will be developed to ensure students' knowledge and competencies are achieved in selected topics. Areas of specific need will be pursued to supplement normal classroom instruction. Prerequisite: Permission of the instructor and dean of the School of Business & Entrepreneurship. Also required is the successful completion of the Writing Proficiency Assessment (WPA) or ENGL 21000. Offered: By arrangement only.

**MIS 34000 - Business Website Design and Creation (3)**

This course covers business website development and is designed to enhance the information systems education of the student. Students will learn how to design and create web pages and to build a basic website, while developing and working with process documentation and software deliverables. Static and dynamic webpage design, construction, and uses will be covered. Lab fee required. Prerequisite: a grade of C or better in MIS 24000. Also required is the successful completion of the Writing Proficiency Assessment (WPA) or ENGL 21000. Offered: intermittently.

**MIS 44020 - Information Systems Analysis and Design (3)**

This course focuses on the tools and methods of systems analysis and design as well as issues relating to systems implementation. Specifically, the course will include a review of the traditional systems development life cycle methodology and a presentation of newer methods used in the field. The course will expose students to computer-aided system development tools. Prerequisite: a grade of C or better in MIS 24000. Also required is the successful completion of the Writing Proficiency Assessment (WPA) or ENGL 21000. Offered: intermittently.

**MIS 44040 - Database Management Systems (3)**

This course is designed for students who are interested in a management oriented introduction to database systems. Theoretical foundations necessary for the understanding of hierarchical, network, and relational models are provided. Various approaches to database design are presented, with particular emphasis on normalization and data modeling. Course concepts are reinforced through the use of cases and projects. The basics of SQL are covered, and technical aspects of database administration are examined. Prerequisite: a grade of C or better in MIS 24000. Lab fee required. Also required is the successful completion of the Writing Proficiency Assessment (WPA) or ENGL 21000. Offered: intermittently.

**MIS 44095 - Internship (1-9)**

The Internship Program is designed to expose the student to a variety of practical business environments. This exposure will permit the student to observe and experience firsthand how businesses function in today's society. Prerequisite: permission of the dean, faculty advisor, and internship coordinator, junior standing, and a cumulative GPA of 2.50 overall and a cumulative GPA of 3.0 in all required degree courses. Also required is the successful completion of the Writing Proficiency Assessment (WPA) or ENGL 21000. Offered: intermittently.

**MIS 41200-41299 - Directed Studies in Management Information Systems (3)**

An independent structured learning experience will be developed to ensure students' knowledge and competencies are achieved in selected topics. Areas of specific need will be pursued to supplement normal classroom instruction. Prerequisite: Permission of the instructor and dean of the School of Business & Entrepreneurship. Also required is the successful completion of the Writing Proficiency Assessment (WPA) or ENGL 21000. Offered: By arrangement only.

**MRKT - Marketing****MRKT 31200-31299 - Directed Studies in Marketing (3)**

An independent structured learning experience will be developed to ensure students' knowledge and competencies are achieved in selected topics. Areas of specific need will be pursued to supplement normal classroom instruction. Prerequisite: Permission of the instructor and dean of the School of Business & Entrepreneurship. Also required is the successful completion of the Writing Proficiency Assessment (WPA) or ENGL 21000. Offered: By arrangement only.

**MRKT 35010 - Principles of Marketing (3)**

This course is an in-depth introduction to the functional business area of marketing. It examines how goods and services are presented to target customers through the use of the marketing-mix variables: product, price, place, and promotion. Emphasis in this course is on the student developing a working knowledge of the vocabulary, principles, concepts, and theories of contemporary marketing as used in various organizational settings. Lab fee may be required. Prerequisite: a grade of C or better in ENGL 17000. Also required is the successful completion of the Writing Proficiency Assessment (WPA) or ENGL 21000. Offered: fall and spring semesters.

**MRKT 35020 - Marketing Information and Research (3)**

This course provides an introduction to the multiple sources of data and information used in making strategic and tactical marketing decisions. The course is designed to introduce the student to the strengths and limitations of a variety of marketing techniques and to the thought processes involved in selecting appropriate marketing techniques. Particular emphasis will be given to problem definition, design of marketing research studies, data collection techniques, data analysis and interpretation. A comprehensive team case toward the end of the course will tie together the concepts presented and provide an opportunity for oral and written presentation. Prerequisite: a grade of C or better in MRKT 35010. Also required is the successful completion of the Writing Proficiency Assessment (WPA) or ENGL 21000. Offered: fall and spring semesters.

**MRKT 35030 - Pricing Strategy and Negotiations (3)**

Pricing is an intermediate course designed to strengthen the student's understanding of pricing strategy. The goal of this course is to provide the student with an understanding of the strategic importance of pricing, the psychological impact of various pricing tactics, a review of the strategic pricing options, and the experience of analyzing the impact of various pricing strategies. Lectures and case studies will provide the theory and

analytical tools for development of pricing strategies and tactics. Computer simulations will provide students with the opportunity to apply knowledge derived from lectures and case studies. Prerequisite: a grade of C or better in MRKT 35010. Also required is the successful completion of the Writing Proficiency Assessment (WPA) or ENGL 21000. Offered: fall and spring semesters.

**MRKT 35040 - Advertising and Promotional Strategy (3)**

This course focuses on the marketing function of communicating the various promotional activities such as advertising and promotion with an emphasis on the planning, preparing, and placing the messages of integrated brand promotion. The role of the advertising agency and the dynamic role of the internet in integrated brand promotion will be explored in detail. A course project will enable students to apply the concepts discussed in the course to a real world situation. Prerequisite: a grade of C or better in MRKT 35010. Also required is the successful completion of the Writing Proficiency Assessment (WPA) or ENGL 21000. Offered: fall and spring semesters.

**MRKT 35050 - Selling (3)**

This course examines the concepts of personal selling. The goal of this course is to provide a detailed analysis of the innovative selling strategies and concepts necessary to negotiate mutually beneficial agreements. Particular emphasis will be given to professional presentation and image management of the salesperson, building long-term relationships with customers, sales theory concepts involved in personal sales, and business-to-business sales. Lab fee may be required. Prerequisite: a grade of C or better in MRKT 35010. Also required is the successful completion of the Writing Proficiency Assessment (WPA) or ENGL 21000. Offered: fall and spring semesters.

**MRKT 35060 - Product Management (3)**

This course will study the managerial process and design for new product development. The course will examine the product manager's role in team management as it relates to new opportunity identification; new concept generation; new concept evaluation; development of the product or idea; and the steps necessary for successful market or launch. Particular emphasis will be placed on the following areas: the marketing process of finding and solving consumer needs, concept testing, forecasting, and financial analysis, product protocol, design, product testing, strategic launch planning, and market testing. Prerequisite: a grade of C or better in MRKT 35010. Also required is the successful completion of the Writing Proficiency Assessment (WPA) or ENGL 21000. Offered: fall and spring semesters.

**MRKT 39000-39999 - Special Topics in Marketing (1-3)****MRKT 41200-41299 - Directed Studies in Marketing (3)**

An independent structured learning experience will be developed to ensure students' knowledge and competencies are achieved in selected topics. Areas of specific need will be pursued to supplement normal classroom instruction. Prerequisite: Permission of the instructor and dean of the School of Business & Entrepreneurship. Also required is the successful completion of the Writing Proficiency Assessment (WPA) or ENGL 21000. Offered: By arrangement only.

**MRKT 45060 - Marketing Communications (3)**

This course introduces students to a shift in how organizations (for-profit and nonprofit) promote products, services, and ideas through relationship marketing and marketing communications. Students will examine more credible and cost effective ways to create relationships with target markets than traditional mass-market advertising. They will examine marketing strategies that use the fundamentals of classic public relations, word-of-mouth (WOM) marketing, event marketing, mobile marketing, social media networking, and other forms of creative marketing communications to foster interactions among organizations, products, consumers, and the media. Prerequisite: a grade of C or better in MRKT 35010. Also required is the successful completion of the Writing Proficiency Assessment (WPA) or ENGL 21000. Offered: fall and spring semesters.

**MRKT 45070 - Consumer Behavior (3)**

This course is designed to strengthen the student's understanding of consumers' marketplace behaviors. Topics to be covered include motivation, buying behavior, learning, problem solving, perception, and decision making. Students will consider the implications of the social, cultural, and psychological factors that form consumer behavior. Particular emphasis will be given to marketing techniques and strategies used to anticipate and define consumers' wants and needs. Prerequisite: a grade of C or better in MRKT 35010. Also required is the successful completion of the Writing Proficiency Assessment (WPA) or ENGL 21000. Offered: fall and spring semesters.

**MRKT 45080 - Marketing Management and Planning (3)**

This is the capstone marketing course. Topics to be covered include defining marketing problems and opportunities, evaluating alternative solutions, and developing strategies to address these issues. Students will be required to actively participate in discussion of outside readings and case studies that address a variety of marketing related issues. In addition, the course utilizes a team-based computer simulation in which students will form companies and compete in simulated markets. Prerequisite: a grade of C or better in MRKT 35020, MRKT 35050, MRKT 35030, MRKT 35040, and senior standing. Also required is the successful completion of the Writing Proficiency Assessment (WPA) or ENGL 21000. Offered: fall and spring semesters.

**MRKT 45095 - Internship (1-9)**

The Internship Program is designed to expose the student to a variety of practical business environments. This exposure will permit the student to observe and experience firsthand how businesses function in today's society. Prerequisite: permission of the dean, faculty advisor, and internship coordinator, junior standing, and a cumulative GPA of 2.50 overall and a cumulative GPA of 3.0 in all required degree courses. Also required is the successful completion of the Writing Proficiency Assessment (WPA) or ENGL 21000. Offered: fall and spring semesters.

**MRKT 49000-49999 - Special Topics in Marketing (1-3)****MS-Military-Science-ROTC****MS 10100 - Introduction to Leadership I (2)**

Examine the challenges and competencies that are critical for effective leadership. The student will learn how the personal development of life skills such as cultural understanding, goal setting, time management, mental/physical resiliency, and stress management relate to leadership, officership, and the Army profession.

**MS 10200 - Introduction to Leadership II (2)**

The course investigates leadership fundamentals, explores dimensions of leadership attributes and core leader competencies, and presents fundamental military concepts. Prerequisite: MS 10100 or permission of dean. Offered: spring semester.

**MS 20100 - Innovative Team Leadership (3)**

This course explores the dimensions of creative and innovative tactical leadership strategies and styles by examining team dynamics and leadership theories. The course continues to build on developing knowledge of leadership attributes and core leader competencies through the understanding of Army rank, structure, and duties as well as broadening knowledge of land navigation and squad tactics. Prerequisite: MS 10200 or permission of dean.

**MS 20200 - Foundations of Tactical Leadership (3)**

Develops a greater self-awareness in the students as they assess their own leadership styles and practice communication and team building skills. Students examine and practice the challenges of leading teams in the complex operational environment. Students will study dimensions of terrain analysis, patrolling, and operation orders and students will explore the dynamics of adaptive leadership in the context of military operations. Prerequisite: MS 20100 or permission of dean. Offered: spring semester.

**MS 30100 - Adaptive Team Leadership (3)**

This is an academically challenging course where the student will study, practice, and apply the fundamentals of Army leadership, officership, Army values and ethics, and small unit tactics. Prerequisite: MS 10100 through 20200; or attendance at the U. S. Army's Leader's Training Course (LTC).

**MS 30200 - Applied Team Leadership (3)**

Students will continue to learn and apply the fundamentals of Army leadership, officership, Army values and ethics as they hone their leadership abilities in a variety of tactical environments and the classroom. Successful completion of this course will help prepare students for success at the ROTC Leader Development and Assessment Course which they will attend the summer following this course at Fort Lewis, WA. Students will receive systematic and specific feedback on their leadership attributes, values and core leader competencies from their instructors, other ROTC cadre, and senior cadets. Prerequisite: MS 30100. Offered: spring semester.

**MS 40100 - Leadership Challenges and Goal-Setting (3)**

In this course, students plan, conduct, and evaluate activities of the ROTC cadet organization, articulate goals and put plans into action to attain them, assess organizational cohesion and develop

strategies to improve it, develop confidence in skills to lead people and manage resources, and learn/apply various Army policies and programs in this effort. Prerequisite: MS 30200. Offered: fall semester.

**MS 40200 - Transition to Lieutenant (3)**

In this course, students identify and resolve ethical dilemmas, refine counseling and motivating techniques, examine aspects of tradition and law related to leading as an officer in the Army, and prepare for a future as a successful Army lieutenant. Prerequisite: MS 40100. Offered: spring semester.

**MS 45000 - Modern American Military History (3)**

This course is a history of U.S. military involvement in the world since the end of World War II. Beginning with the end of WWII and moving through to the 21st century, this class includes Korea, Vietnam, U.S. interventions as well as the Gulf War. Tactical, strategic, political, and economic contexts as well as technological developments are considered in attempting to understand the causes, conduct, and consequences of these armed conflicts. This course is offered fall semester of even numbered years. Not open to students with credit in HIS 21400. Prerequisite: sophomore status and good standing in the ROTC program, along with ENGL 17000 with a C or better or concurrent enrollment.

**MTH - Mathematics**

**MTH 05100 - Basic Mathematics (2)**

This is a computer-based self-paced course for students who need to review the basics of mathematics. Topics include order of algebraic operations, fractions, proportions, percents, exponents, scientific notation and calculator computations, simple graphs and diagrams, linear and quadratic equation solving, word problems. This course will not earn elective credit (thus, does not count toward the 128 hours required for graduation), nor will it satisfy the general education requirement in mathematics. Offered: fall and spring semesters.

**MTH 11000 - Intermediate Algebra (3)**

This course includes the following topics: operations with real numbers, first degree equations and inequalities, operations with polynomials, factoring, operations with rational expressions, complex numbers, quadratic equations, elementary functions. Only students who are planning to pursue a degree requiring College Algebra, and who require remedial work beforehand should enroll in this course. Lab fee required. Counts for elective credit; will not satisfy the general education requirement in mathematics. Offered: fall and spring semesters.

**MTH 12100 - Introduction to Contemporary Mathematics (3)**

(GE-Math) This course is an introductory course on how mathematics is used today. Students will study consumer mathematics plus additional topics selected from apportionment, fair divisions, geometry, growth and decay, numbers systems for encoding information, probability and counting techniques, routes and network, scheduling, statistics, voting systems. Prerequisite: C or better in MTH 05100 or MTH 11000 or passing the placement test. Offered: fall and spring semesters.

**MTH 14100 - Basic Statistics (3)**

(GE-Math) This course is an introduction to the theory and applications of statistics, including probability, descriptive statistics, random variables, expected values, distribution functions, and hypothesis testing. This course may be selected to fulfill a portion of the GE-Math requirement for business students and must be completed with a grade of C or better; any student majoring in a business discipline who does not earn a grade of C or better will be required to repeat the course and earn a minimum grade of C in order to continue in the business degree program. Prerequisite: C or better in MTH 05100 or MTH 11000 or passing the placement test. Offered: fall and spring semesters.

**MTH 14200 - Quantitative Methods for Business (3)**

(GE-Math) This course is designed to introduce business students to the use of quantitative methods. Topics covered will include solving and graphing linear functions and inequalities; writing mathematical models; solving systems of equations; linear regression; and an introduction to linear programming. Tools used will include calculators and computers. A graphing calculator is required. This course may be selected to fulfill a portion of the GE-Math requirement for business students and must be completed with a grade of C or better; any student majoring in a business discipline who does not earn a grade of C or better will be required to repeat the course and earn a minimum grade of C in order to continue in the business degree program. Prerequisite: C or better in MTH 05100 or MTH 11000 or passing the placement test. Offered: fall and spring semesters.

**MTH 14800 - Mathematical Structures for Teachers I (4)**

(GE-Math) This course focuses on problem solving using the real number system and algebra. Topics include: different numeration systems (Roman Numerals and other bases), techniques for calculations, percents and ratios with applications, exponents and roots, the properties of real numbers, arithmetic with irrational and complex numbers, linear functions and piecewise linear functions with applications, systems of linear equations, quadratic functions with applications, polynomial and rational functions with applications. Prerequisite: C or better in MTH 11000 or placement in MTH 15100. Offered: Every semester

**MTH 14900 - Mathematical Structures for Teachers II (3)**

(GE-Math) This course provides an introduction to the basic concepts of probability (including counting techniques), statistics, and geometry. The basic geometry concepts to be covered include the fundamentals of planar and 3-dimensional geometry; constructions, congruence and similarity, proofs of congruent of similar triangles; concepts of measure; and motion geometry and tessellations. Prerequisite: C or better in MTH 11000 or placement in MTH 15100 Offered: Every semester

**MTH 15100 - College Algebra (3)**

(GE-Math) Topics covered: functions and graphs, polynomial and rational functions, exponentials and logarithms, systems of equations and inequalities, sequences and the binomial theorem. The course is designed primarily for science and related majors and students seeking middle school mathematics certification. This course may be selected to fulfill a portion of the GE-Math requirement for business students and must be completed with a grade of C or better; any student majoring in a business discipline

who does not earn a grade of C or better will be required to repeat the course and earn a minimum grade of C in order to continue in the business degree program. Prerequisite: C or better in MTH 11000, or passing the placement test. Offered: Every semester

**MTH 15200 - Pre-calculus: Elementary Functions (3)**

(GE-Math) This course serves as preparation for calculus covering polynomial and rational functions, exponential and logarithmic functions, trigonometric functions, applications and systems of linear equations. A graphing calculator is required. This course may be selected to fulfill a portion of the GE-Math requirement for business students and must be completed with a grade of C or better; any student majoring in a business discipline who does not earn a grade of C or better will be required to repeat the course and earn a minimum grade of C in order to continue in the business degree program. Prerequisite: C or better in MTH 15100 or passing the placement test. Offered: fall and spring semesters.

**MTH 17300 - Survey of Calculus (4)**

(GE-Math) Topics include a brief review of trigonometry; limits and continuity; derivatives and integrals of polynomials, rational, exponential, logarithmic and trigonometric functions; relative extrema and points of inflection; graphs of functions, derivatives, and integrals; implicit differentiation and related rates; the extreme value theorem; definite and indefinite integrals; and the Fundamental Theorem of Calculus. A graphing calculator is required. This course may be selected to fulfill a portion of the GE-Math requirement for business students and must be completed with a grade of C or better; any student majoring in a business discipline who does not earn a grade of C or better will be required to repeat the course and earn a minimum grade of C in order to continue in the business degree program. Prerequisite: C or better in MTH 15100 or higher level math course, or passing the placement test. Offered: fall and spring semesters.

**MTH 17500 - Business Calculus and Applications (4)**

This course is an introductory course in calculus, with an emphasis in business applications. Topics include a review of exponential and logarithmic functions, interest, linear programming, limits, continuity, differentiation and integration. A graphing calculator is required. A TI-83+ is recommended. This course may be selected to fulfill a portion of the GE-Math requirement for business students and must be completed with a grade of C or better; any student majoring in a business discipline who does not earn a grade of C or better will be required to repeat the course and earn a minimum grade of C in order to continue in the business degree program. Prerequisite: C or better in MTH 15100 or passing the placement test.

**MTH 22100 - Discrete Structures (3)**

This course will briefly review logic, sets, functions and relations, and methods of proof before using these concepts to study discrete (rather than continuous) mathematics. Topics covered may include combinatorics, graph theory, algorithms and their analysis, Boolean algebra, finite state machines, finite difference equations, and applications of these topics. Prerequisite: C or better in MTH 15100 or higher level math course and C or better in CSC 14400 Offered: fall semester.

**MTH 24100 - Statistics for Natural Science (3)**

(GE-Math) Topics covered in this course include counting rules and probability, normal and binomial distributions, Chi-square, t-tests and F-tests, ANOVA, linear regression, precision, accuracy, absolute and relative error, random error, means, medians, standard deviation (population and sample), standard error of the mean, variance, relative standard deviation, coefficient of variation, confidence levels and intervals, Q-tests, and definitions and sources of error (methodological, sampling, procedural and instrument). This course may be selected to fulfill a portion of the GE-Math requirement for business students and must be completed with a grade of C or better; any student majoring in a business discipline who does not earn a grade of C or better will be required to repeat the course and earn a minimum grade of C in order to continue in the business degree program. Prerequisite: C or better in MTH 15100 or passing the placement test. Offered: fall and spring semesters.

**MTH 27100 - Calculus I (5)**

(GE-Math) This course is the first study of real functions and some of their applications. Topics include limits, continuity, differentiation and integration. A graphing calculator is required. This course may be selected to fulfill a portion of the GE-Math requirement for business students and must be completed with a grade of C or better; any student majoring in a business discipline who does not earn a grade of C or better will be required to repeat the course and earn a minimum grade of C in order to continue in the business degree program. Prerequisite: C or better in MTH 15200 or passing the placement test. Offered: fall and spring semesters.

**MTH 27200 - Calculus II (5)**

(GE-Math) This course is a continuation of the study of real functions of one variable. Topics include integration, applications of integration, and methods of integration, infinite series, and vectors. A graphing calculator is required. This course may be selected to fulfill a portion of the GE-Math requirement for business students and must be completed with a grade of C or better; any student majoring in a business discipline who does not earn a grade of C or better will be required to repeat the course and earn a minimum grade of C in order to continue in the business degree program. Prerequisite: C or better in MTH 27100. Offered: fall and spring semesters.

**MTH 28500 - Introduction to Advanced Mathematics (3)**

This course is a transition course from elementary to advanced mathematics. Topics include logic, proof techniques, set theory, discrete math, the natural numbers, induction, functions, relations, and the foundations of number systems. Prerequisite: C or better in MTH 27200. Offered: spring semester.

**MTH 30300 - Calculus III (5)**

This course is the study of real functions of more than one variable. Topics include partial derivatives, gradient, potential functions, line integral, multiple integration, and Taylor's formula. A graphing calculator is required. Prerequisite: C or better in MTH 27200. Offered: fall and spring semesters.

**MTH 31100 - Differential Equations (3)**

This course examines ordinary differential equations and some applications, including first order equations, linear differential equations, Laplace Transform, and series solutions. Prerequisite: C or better in MTH 27200. Offered: spring semester.

**MTH 31300 - History of Mathematics (3)**

This course looks at the history of Mathematics, including the Classical, Medieval, Renaissance, Early Modern, and Modern periods, spanning the time from 3000 BC to the present. Prerequisite: Completion of WPA or ENGL 21000 and MTH 28500. Offered: intermittently.

**MTH 31500 - Linear Algebra I (3)**

This course is the study of the finite dimensional vector spaces, linear mappings between them and applications to differential equations and geometry. Topics include solution of linear equations, matrices, determinants, eigenvalue problems, bilinear mappings and forms, diagonalization. Prerequisite: C or better in MTH 27200. Offered: fall semester.

**MTH 31600 - Linear Algebra II (3)**

This course is the study of the finite dimensional vector spaces, linear mappings between them and applications to differential equations and geometry. Topics include solution of linear equations, matrices, determinants, eigenvalue problems, bilinear mappings and forms, diagonalization. Prerequisite: C or better in MTH 31500. Offered: intermittently.

**MTH 32000 - Algebraic Structures (3)**

This course examines the main structures of abstract algebra. Groups, rings and fields will be studied together with applications to geometry, and number theory. Prerequisite: Completion of WPA or ENGL 21000 and C or better in MTH 28500. Offered: fall semester.

**MTH 32400 - Theory of Financial Mathematics I (3)**

This course is a differential calculus based introduction to interest theory and the time value of money. Students will learn about simple and compound interest, nominal and effective rates of interest and discount, standard and nonstandard annuities, amortization schedules, sinking funds, and bond valuation. This course, together with MTH 32500, covers topics needed to be successful on Exam FM/2 by the Society of Actuaries and the Casualty Actuarial Society. Prerequisite: C or better MTH 27100. Offered: spring semester.

**MTH 32500 - Theory of Financial Mathematics II (3)**

This course provides a calculus based coverage of topics in financial mathematics including bond valuation, stock valuation, inflation, duration, immunization, and financial derivatives such as forwards, futures, options, and swaps. This course, together with MTH 32400, covers topics needed to be successful on Exam FM/2 by the Society of Actuaries and the Casualty Actuarial Society. Prerequisite: C or better in MTH 32400.

**MTH 33000 - Geometry (3)**

This course is a careful review of Euclidean geometry of the plane and space, and an introduction to non-Euclidean geometry. Prerequisite: Completion of WPA or ENGL 21000 and C or better in MTH 28500. Offered: fall semester.

**MTH 34100 - Probability and Mathematical Statistics I (3)**

This course is the first part of a calculus-based sequence. Topics include combinatorics, probability spaces, discrete and continuous distributions, variable transformation, multivariate distributions. Prerequisite: MTH 30300. Offered: spring semester.

**MTH 34200 - Probability and Mathematical Statistics II (3)**

This course is the second part of a calculus-based sequence. Topics covered include estimation using confidence intervals, maximum likelihood, bayesian methods, hypothesis testing regression analysis, and theory of statistical interference. Prerequisite: C or better in MTH 34100. Offered: intermittently.

**MTH 35100 - Numerical Methods (3)**

This course is the first course in numerical methods, including solution of linear and non-linear equations, numerical integration and differentiation, the theory of approximation, and solution of differential equations. Prerequisite: C or better in MTH 27200 and CSC 14400. Offered: intermittently.

**MTH 36100 - Applied Engineering Mathematics (3)**

This course will include partial differential equations of mathematical physics, eigen function expansions, the Laplace and Fourier transforms, and numerical methods. Prerequisite: C or better in MTH 30300 and MTH 31100. Offered: intermittently.

**MTH 37000 - Advanced Calculus (3)**

This course provides a systematic and rigorous development of the multivariable calculus of functions on Euclidean space. Topics covered include limits, continuity and differentiability of functions, the Riemann integral, vector calculus, and sequences and series. Prerequisite: C or better in MTH 28500 and MTH 30300. Offered: spring semester.

**MTH 38900 - Undergraduate Research (3)**

This course provides undergraduates with an opportunity to perform research in pure or applied mathematics. Under the supervision of a faculty member, a student will independently study a chosen area of mathematics. Students are expected to explore significant problems in their topic, draw conclusions, and, if applicable, identify real world applications to their work. Prerequisite: Permission of the instructor.

**MTH 39000-39999 - Special Topics in Applied Mathematics (3)****MTH 49000-49999 - Special Topics in Mathematics (3)****MUS - Music****MUS 10000 - Fundamentals of Music (3)**

This course serves as an introduction to the elements of music: pitch, rhythm, harmony, dynamics, timbre, texture, and form. Emphasis on notation, scales, tonality, keys, modes, intervals, and transpositions. This course does not satisfy the GE-Fine Art requirement. Offered: fall semester.

**MUS 10200 - Concert/Recital Attendance (0)**

All music majors are required to enroll in this course every fall and spring semester throughout their program of study, excluding the semester of student teaching or internship. Attendance at a minimum number of concerts and recitals is required. Pass/Fail grading. May be repeated. Offered: fall and spring semesters.

**MUS 104XX - Private Lessons (1-2)**

Courses with numbers 10442 through 10470 are specialized private instruction. May be repeated for credit. Course fee required. Prerequisite: the ability to read music or permission of dean. Offered: fall and spring semesters.

**MUS 10442 - Applied Music (1-2)**

Prerequisite: the ability to read music and permission of dean. Offered: fall and spring semesters.

MUS 10443 - Private Lessons: Bassoon (1-2) Prerequisite: the ability to read music. Offered: fall and spring semesters.

MUS 10445 - Private Lessons: Clarinet (1-2) Prerequisite: the ability to read music. Offered: fall and spring semesters.

MUS 10446 - Private Lessons: Double Bass (1-2) Prerequisite: the ability to read music. Offered: fall and spring semesters.

MUS 10448 - Private Lessons: French Horn (1-2) Prerequisite: the ability to read music. Offered: fall and spring semesters.

MUS 10449 - Private Lessons: Guitar (1-2) Prerequisite: the ability to read music. Offered: fall and spring semesters.

MUS 10450 - Private Lessons: Bass Guitar (1-2) Prerequisite: the ability to read music. Offered: fall and spring semesters.

MUS 10451 - Private Lessons: Flute (1-2) Prerequisite: the ability to read music. Offered: fall and spring semesters.

MUS 10452 - Private Lessons: Oboe (1-2) Prerequisite: the ability to read music. Offered: fall and spring semesters.

MUS 10454 - Private Lessons: Percussion (1-2) Prerequisite: the ability to read music. Offered: fall and spring semesters.

MUS 10455 - Private Lessons: Piano (1-2) Prerequisite: the ability to read music. Offered: fall and spring semesters.

MUS 10456 - Private Lessons: Saxophone (1-2) Prerequisite: the ability to read music. Offered: fall and spring semesters.

MUS 10457 - Private Lessons: Trombone (1-2) Prerequisite: the ability to read music. Offered: fall and spring semesters.

MUS 10458 - Private Lessons: Trumpet (1-2) Prerequisite: the ability to read music. Offered: fall and spring semesters.

MUS 10459 - Private Lessons: Tuba (1-2) Prerequisite: the ability to read music. Offered: fall and spring semesters.

MUS 10460 - Private Lessons: Euphonium (1-2) Prerequisite: the ability to read music. Offered: fall and spring semesters.

MUS 10461 - Private Lessons: Violin (1-2) Prerequisite: the ability to read music. Offered: fall and spring semesters.

MUS 10462 - Private Lessons: Voice (1-2) Prerequisite: the ability to read music. Offered: fall and spring semesters.

MUS 10466 - Private Lessons: Viola (1-2) Prerequisite: the ability to read music. Offered: fall and spring semesters.

MUS 10467 - Private Lessons: Cello (1-2) Prerequisite: the ability to read music. Offered: fall and spring semesters.

MUS 10469 - Private Lessons: Drum Set (1-2) Prerequisite: the ability to read music. Offered: fall and spring semesters.

MUS 10470 - Private Lessons: Jazz Piano (1-2) Prerequisite: the ability to read music. Offered: fall and spring semesters.

**MUS 109XX - Large Ensemble - Instrumental (1)**

Courses with numbers 10901 through 10907 are large instrumental ensembles. See individual course numbers for course descriptions. May be repeated for credit. Audition and/or course fee may be required. Offered: fall and spring semesters.

**MUS 10901 - Jazz Band (1)**

This course is open to all students by audition. May be repeated for credit. Course fee may be required. Offered: fall and spring semesters.

**MUS 10902 - Orchestra (1)**

This course is open to all students. Includes strings, woodwinds, brass, and percussion. May be repeated for credit. Audition and/or course fee may be required. Offered: fall and spring semesters.

**MUS 10904 - Symphonic Band (1)**

This course is open to all students. May be repeated for credit. Audition and/or course fee may be required. Offered: spring semester.

**MUS 10906 - Marching Band (1)**

This course is open to all students. Includes brass, woodwinds, and percussion. May be repeated for credit. Course fee required. Offered: fall semester.

**MUS 10907 - Wind Ensemble (1)**

This course is open to all students by audition. May be repeated for credit. Course fee may be required. Offered: every spring semester and intermittently in fall semesters.

**MUS 110XX - Large Ensemble - Choral (1)**

Courses with numbers from 11001 through 11005 are large choral ensembles. See individual course numbers for course descriptions. May be repeated for credit. Audition and/or course fee may be required. Offered: fall and spring semesters.

**MUS 11002 - Voices Only (1)**

Voices Only is Lindenwood's premiere a cappella ensemble. Membership is open to all students by audition and requires multiple performances throughout the year. May be repeated for credit. Course fee may be required. Offered: fall and spring semesters.

**MUS 11003 - Concert Choir (1)**

This course is open to all students by audition. May be repeated for credit. Course fee may be required. Offered: fall and spring semesters.

**MUS 11004 - University Men's Chorus (1)**

This course is open to all male students. May be repeated for credit. Course fee may be required. Offered: fall and spring semesters.



**MUS 11005 - University Women's Chorus (1)**

This course is open to all female students. May be repeated for credit. Activity fee may be required. Offered: fall and spring semesters.

**MUS 112XX - Small Ensemble - Instrumental (1)**

Courses with numbers 11211 through 11221 are small instrumental ensembles. See individual course numbers for course descriptions. May be repeated for credit. Audition and/or course fee may be required. Offered: fall and spring semesters.

**MUS 11211 - Instrumental Ensemble: Woodwinds (1)**

This course is open to all students by audition. May be repeated for credit. Course fee may be required. Offered: fall and spring semesters.

**MUS 11215 - Instrumental Ensemble: Brass (1)**

This course is open to all students by audition. May be repeated for credit. Course fee may be required.

Offered: fall and spring semesters.

**MUS 11217 - Instrumental Ensemble: Percussion (1)**

This course is open to all students by audition. May be repeated for credit. Course fee may be required.

Offered: fall and spring semesters.

**MUS 11218 - Instrumental Ensemble: Guitar (1)**

This course is open to all students by audition. May be repeated for credit. Course fee may be required.

Offered: fall and spring semesters.

**MUS 11219 - Instrumental Ensemble: Strings (1)**

This course is open to all students by audition. May be repeated for credit. Course fee may be required.

Offered: fall and spring semesters.

**MUS 11221 - Instrumental Ensemble: Jazz (1)**

This course is open to all students by audition. May be repeated for credit. Course fee may be required.

Offered: fall and spring semesters.

**MUS 113XX - Small Ensemble - Vocal (1)**

Courses numbered 113XX are specialty vocal ensembles. May be repeated for credit. Audition and/or course fee may be required. Offered: intermittently.

**MUS 11400 - Class Piano I (2)**

This course offers piano instruction for students with little or no piano background. Emphasis on reading music. Offered: fall semester.

**MUS 11500 - Class Piano II (2)**

This course is an extension of MUS 11400 that requires increased performance expectations. Prerequisite: MUS 11400 Offered: spring semester.

**MUS 11800 - Music Theory for Non-Majors (3)**

This course is designed for musical theatre majors and dance majors and serves as an introduction to reading standard music notation. Emphasis on pitch, rhythm, meter, intervals, keys, basic harmony and common musical terms. Students will incorporate

basic keyboard and sight-singing skills as an application of the literacy components. Upon completion of this course, musical theatre and dance majors will be able to read and decipher the basic components of the musical score in order to facilitate their performances. Offered: spring semester.

**MUS 12400 - Class Voice I (2)**

This course serves as an introduction to the fundamental principles and techniques of singing. Emphasis on reading music. Offered: fall semester.

**MUS 12500 - Class Voice II (2)**

This course serves as an extension of MUS 12400 that requires increased performance expectations. Prerequisite: MUS 12400 Offered: spring semester.

**MUS 14100 - Music Theory I (4)**

This course is divided into three components: aural training, sight-singing, and music analysis. Aural training includes (a) harmonic, rhythmic, and melodic dictation, (b) aural identification of major and minor scales and triads and melodic intervals up to and including an octave, and (c) error detection. Sight-singing includes singing short melodies at sight, major and minor scales, intervals up to and including an octave, and verbalization of rhythmic exercises. Analysis includes chords, cadences, non-harmonic tones, melodic organization, texture and textural reduction, species counterpoint, and voice leading in four-part chorale writing. Prerequisite: a grade of C or better in MUS 10000, a minimum score of 80% on the Fundamentals of Music Proficiency Exam, or permission of dean. Offered: spring semester.

**MUS 15000 - Music in America (3)**

(GE-Fine Art) This course explores the music of America's people, past and present. Includes the great jazz and folk movements, Broadway, gospel, film scores, rock, and popular music styles. Emphasis on listening to, analyzing, and describing music; understanding relationships between music, the arts, and disciplines outside the arts; and understanding music in relation to history and culture. Offered: fall and spring semesters.

**MUS 15500 - Jazz History (3)**

(GE-Fine Art) This course serves as a historical survey of jazz from its roots and inception through its many diverse permutations. Emphasis on listening to, analyzing, and describing music; understanding relationships between music, the arts, and disciplines outside the arts; and understanding music in relation to history and culture. Offered: fall and spring semesters.

**MUS 16500 - Introduction to Music Literature (3)**

(GE-Fine Art) This course serves as an historical survey of masterworks from diverse genres. Emphasis on listening to, analyzing, and describing music; understanding relationships between music, the arts, and disciplines outside the arts; and understanding music in relation to history and culture. Offered: fall and spring semesters.

**MUS 18600-18699 - Special Topics (1-3)**

Special topics in music that may include a performance component. May be repeated as topics vary. Course fee may be

required. Prerequisite: permission of dean. Offered: intermittently.

**MUS 204XX - Private Lessons (1-2)**

Courses with numbers 20442 through 20470 are specialized private instruction. May be repeated for credit. Course fee required. Prerequisite: MUS 104XX Offered: fall and spring semesters.

MUS 20442 - Applied Music (1-2) Prerequisite: MUS 10442 Offered: fall and spring semesters.

MUS 20443 - Private Lessons: Bassoon (1-2) Prerequisite: MUS 10443 Offered: fall and spring semesters.

MUS 20445 - Private Lessons: Clarinet (1-2) Prerequisite: MUS 10445 Offered: fall and spring semesters.

MUS 20446 - Private Lessons: Double Bass (1-2) Prerequisite: MUS 10446 Offered: fall and spring semesters.

MUS 20448 - Private Lessons: French Horn (1-2) Prerequisite: MUS 10448 Offered: fall and spring semesters.

MUS 20449 - Private Lessons: Guitar (1-2) Prerequisite: MUS 10449 Offered: fall and spring semesters.

MUS 20450 - Private Lessons: Bass Guitar (1-2) Prerequisite: MUS 10450 Offered: fall and spring semesters.

MUS 20451 - Private Lessons: Flute (1-2) Prerequisite: MUS 10451 Offered: fall and spring semesters.

MUS 20452 - Private Lessons: Oboe (1-2) Prerequisite: MUS 10452 Offered: fall and spring semesters.

MUS 20454 - Private Lessons: Percussion (1-2) Prerequisite: MUS 10454 Offered: fall and spring semesters.

MUS 20455 - Private Lessons: Piano (1-2) Prerequisite: MUS 10455 Offered: fall and spring semesters.

MUS 20456 - Private Lessons: Saxophone (1-2) Prerequisite: MUS 10456 Offered: fall and spring semesters.

MUS 20457 - Private Lessons: Trombone (1-2) Prerequisite: MUS 10457 Offered: fall and spring semesters.

MUS 20458 - Private Lessons: Trumpet (1-2) Prerequisite: MUS 10458 Offered: fall and spring semesters.

MUS 20459 - Private Lessons: Tuba (1-2) Prerequisite: MUS 10459 Offered: fall and spring semesters.

MUS 20460 - Private Lessons: Euphonium (1-2) Prerequisite: MUS 10460 Offered: fall and spring semesters.

MUS 20461 - Private Lessons: Violin (1-2) Prerequisite: MUS 10461 Offered: fall and spring semesters.

MUS 20462 - Private Lessons: Voice (1-2) Prerequisite: MUS 10462 Offered: fall and spring semesters.

MUS 20466 - Private Lessons: Viola (1-2) Prerequisite: MUS 10466 Offered: fall and spring semesters.

MUS 20467 - Private Lessons: Cello (1-2) Prerequisite: MUS 10467 Offered: fall and spring semesters.

MUS 20469 - Private Lessons: Drum Set (1-2) Prerequisite: MUS 10469 Offered: fall and spring semesters.

MUS 20470 - Private Lessons: Jazz Piano (1-2) Prerequisite: MUS 10470 Offered: fall and spring semesters.

**MUS 209XX - Large Ensemble - Instrumental (1)**

Courses with numbers 20901 through 20907 are large instrumental ensembles. See individual course number for course descriptions. May be repeated for credit. Audition and/or course fee may be required. Prerequisite: MUS 109XX Offered: fall and spring semesters.

**MUS 20901 - Jazz Band (1)**

This course is open to all students by audition. May be repeated for credit. Activity fee may be required. Prerequisite: MUS 10901 Offered: fall and spring semesters.

**MUS 20902 - Orchestra (1)**

This course is open to all students and includes strings, woodwinds, brass, and percussion. May be repeated for credit. Audition and/or course fee may be required. Prerequisite: MUS 10902 Offered: fall and spring semesters.

**MUS 20904 - Symphonic Band (1)**

This course is open to all students. May be repeated for credit. Audition and/or course fee may be required. Prerequisite: MUS 10904 Offered: spring semester.

**MUS 20906 - Marching Band (1)**

This course is open to all students and includes brass, woodwinds, and percussion. May be repeated for credit. Course fee required. Prerequisite: MUS 10906 Offered: fall semester.

**MUS 20907 - Wind Ensemble (1)**

This course is open to all students by audition. May be repeated for credit. Course fee may be required. Prerequisite: MUS 10907 Offered: every spring semester and intermittently in fall semesters.

**MUS 210XX - Large Ensemble - Choral (1)**

Courses with numbers from 21001 through 21005 are large choral ensembles. See individual course numbers for course descriptions. May be repeated for credit. Audition and/or course fee may be required. Prerequisite: MUS 110XX Offered: fall and spring semesters.

**MUS 21002 - Voices Only (1)**

Voices Only is Lindenwood's premiere a cappella ensemble. Membership is open to all students by audition and requires multiple performances throughout the year. May be repeated for credit. Course fee may be required. Prerequisite: MUS 11002 Offered: fall and spring semesters.

**MUS 21003 - Concert Choir (1)**

This course is open to all LU students by audition. May be repeated for credit. Course fee may be required. Prerequisite: MUS 11003 Offered: fall and spring semesters.

**MUS 21004 - University Men's Chorus (1)**

This course is open to all male students. May be repeated for credit. Course fee may be required. Prerequisite: MUS 11004 Offered: fall and spring semesters.

**MUS 21005 - University Women's Chorus (1)**

This course is open to all female students. May be repeated for credit. Course fee may be required. Prerequisite: MUS 11005 Offered: fall and spring semesters.

**MUS 212XX - Small Ensemble - Instrumental (1)**

Courses with numbers 21211 through 21221 are small instrumental ensembles. May be repeated for credit. Audition and/or course fee may be required. Prerequisite: MUS 112XX Offered: intermittently.

**MUS 21211 - Instrumental Ensemble: Woodwinds (1)**

This course is open to all students. May be repeated for credit. Audition and/or course fee may be required. Prerequisite: MUS 11211 Offered: fall and spring semesters.

**MUS 21215 - Instrumental Ensemble: Brass (1)**

This course is open to all students. May be repeated for credit. Audition and/or course fee may be required. Prerequisite: MUS 11215 Offered: fall and spring semesters.

**MUS 21217 - Instrumental Ensemble: Percussion (1)**

This course is open to all students. May be repeated for credit. Audition and/or course fee may be required. Prerequisite: MUS 11217 Offered: fall and spring semesters.

**MUS 21218 - Instrumental Ensemble: Guitar (1)**

This course is open to all students. May be repeated for credit. Audition and/or course fee may be required. Prerequisite: MUS 11218 Offered: fall and spring semesters.

**MUS 21219 - Instrumental Ensemble: Strings (1)**

This course is open to all students. May be repeated for credit. Audition and/or course fee may be required. Prerequisite: MUS 11219 Offered: fall and spring semesters.

**MUS 21221 - Instrumental Ensemble: Jazz (1)**

This course is open to all students. May be repeated for credit. Audition and/or course fee may be required. Prerequisite: MUS 11221 Offered: fall and spring semesters.

**MUS 213XX - Small Ensemble - Vocal (1)**

Courses numbered 213XX are specialty vocal ensembles. May be repeated for credit. Audition and/or course fee may be required. Prerequisite: MUS 113XX Offered: intermittently.

**MUS 21400 - Piano Proficiency I (2)**

Piano instruction for music majors focused on preparation for the piano proficiency exam. Prerequisite: Sophomore standing. Offered: fall semester.

**MUS 21500 - Piano Proficiency II (2)**

This course is an extension of MUS 21400 that requires increased performance expectations. Prerequisite: MUS 21400 Offered: spring semester.

**MUS 22100 - Woodwind Techniques (1)**

This course is a practical study of woodwind methods, materials, and instructional techniques. Course fee required. Offered: intermittently.

**MUS 22200 - Brass Techniques (1)**

This course is a practical study of brass methods, materials, and instructional techniques. Course fee required. Offered: intermittently.

**MUS 22300 - Percussion Techniques (1)**

This course is a practical study of percussion methods, materials, and instructional techniques. Course fee required. Offered: intermittently.

**MUS 22400 - String Techniques (1)**

This course is a practical study of string methods, materials, and instructional techniques. Course fee required. Offered: intermittently.

**MUS 22600 - Guitar Techniques (1)**

This course is a practical study of guitar methods, materials, and instructional techniques. Course fee required. Offered: intermittently.

**MUS 24200 - Music Theory II (4)**

This course is an extension of MUS 14100 and is divided into three components: aural training, sight-singing and analysis. Aural training includes (a) advanced harmonic, rhythmic and melodic dictation, (b) aural identification of inverted triads, harmonic intervals up to and including an octave, and seventh chords in root position, and (c) error detection. Sight-singing includes melodies that contain large skips and modulations to closely related keys, ascending and descending intervals up to and including an octave, and verbalization of advanced rhythmic exercises. Analysis includes harmonic progression and rhythm, dominant seventh chords, leading-tone seventh chords, non-dominant seventh chords, secondary dominants and leading-tone chords, modulation, two-part (binary) form and three-part (ternary form). Prerequisite: MUS 14100 Offered: fall semester.

**MUS 25000 - Introduction to Music Technology (3)**

This course is an introduction to music notation software, audio workstations, accompaniment and assessment programs, recording systems, MIDI applications, and emerging music technologies. Prerequisite: MUS 14100 Offered: fall and spring semesters.

**MUS 27200 - Content and Standards for K-12 Music Education (2)**

The purpose of this course is to introduce K-12 instrumental and/or vocal/choral teacher candidates to the process of designing cohesive, standards-based programs of study. Prerequisite: EDU 11100 and EDU 20200 or permission of dean. Offered: intermittently.

**MUS 304XX - Private Lessons (1-2)**

Courses with numbers 30442 through 30470 are specialized private instruction. May be repeated for credit. Course fee required.

Prerequisite: MUS 204XX Offered: fall and spring semesters.

MUS 30442 - Applied Music (1-2) Prerequisite: MUS 20442  
Offered: fall and spring semesters.

MUS 30443 - Private Lessons: Bassoon (1-2) Prerequisite: MUS 20443 Offered: fall and spring semesters.

MUS 30445 - Private Lessons: Clarinet (1-2) Prerequisite: MUS 20445 Offered: fall and spring semesters.

MUS 30446 - Private Lessons: Double Bass (1-2) Prerequisite: MUS 20446 Offered: fall and spring semesters.

MUS 30448 - Private Lessons: French Horn (1-2) Prerequisite: MUS 20448 Offered: fall and spring semesters.

MUS 30449 - Private Lessons: Guitar (1-2) Prerequisite: MUS 20449 Offered: fall and spring semesters.

MUS 30450 - Private Lessons: Bass Guitar (1-2) Prerequisite: MUS 20450 Offered: fall and spring semesters.

MUS 30451 - Private Lessons: Flute (1-2) Prerequisite: MUS 20451 Offered: fall and spring semesters.

MUS 30452 - Private Lessons: Oboe (1-2) Prerequisite: MUS 20452 Offered: fall and spring semesters.

MUS 30454 - Private Lessons: Percussion (1-2) Prerequisite: MUS 20454 Offered: fall and spring semesters.

MUS 30455 - Private Lessons: Piano (1-2) Prerequisite: MUS 20455 Offered: fall and spring semesters.

MUS 30456 - Private Lessons: Saxophone (1-2) Prerequisite: MUS 20456 Offered: fall and spring semesters.

MUS 30457 - Private Lessons: Trombone (1-2) Prerequisite: MUS 20457 Offered: fall and spring semesters.

MUS 30458 - Private Lessons: Trumpet (1-2) Prerequisite: MUS 20458 Offered: fall and spring semesters.

MUS 30459 - Private Lessons: Tuba (1-2) Prerequisite: MUS 20459 Offered: fall and spring semesters.

MUS 30460 - Private Lessons: Euphonium (1-2) Prerequisite: MUS 20460 Offered: fall and spring semesters.

MUS 30461 - Private Lessons: Violin (1-2) Prerequisite: MUS 20461 Offered: fall and spring semesters.

MUS 30462 - Private Lessons: Voice (1-2) Prerequisite: MUS 20462 Offered: fall and spring semesters.

MUS 30466 - Private Lessons: Viola (1-2) Prerequisite: MUS 20466 Offered: fall and spring semesters.

MUS 30467 - Private Lessons: Cello (1-2) Prerequisite: MUS 20467 Offered: fall and spring semesters.

### **MUS 32500 - Keyboard Techniques (1)**

This course is a practical study of accompaniment and improvisational techniques. Prerequisite: a minimum score of 80% on the Piano Proficiency Exam or permission of dean. Offered: intermittently.

### **MUS 33030 - Music Business I (3)**

This course is a study of the organization and operation of principle sectors of the music business, including the recording industry, sound equipment and instrument sales, print music, artist management, licensing, and music education. Prerequisite: ENGL 17000 Offered: fall semester.

### **MUS 33040 - Music Business II (3)**

This course builds on the foundational topics covered in the prerequisite Music Business I course. Emphasis on the multiple ways the music industry and its sectors use principles and techniques of marketing, promotion, management, and merchandising, including the development, manufacturing, and retailing of musical products. Requires participation in a team-based project related to the music industry. Prerequisite: MUS 33030 Offered: spring semester.

### **MUS 33600 - Music Composition I (2)**

This course is a supervised composition practicum. Primary objectives include composing coherent melodies, harmonic progressions, and bass lines. Shorter compositions will be written for small ensembles. Prerequisite: MUS 34300 Offered: intermittently.

### **MUS 33700 - Music Composition II (2)**

This course is a supervised composition practicum. Primary objectives include expanding harmonic vocabulary and developing an individual compositional process. Longer compositions will be written for large ensembles. Prerequisite: MUS 33600 Offered: intermittently.

### **MUS 33800 - Electronic Music Composition (2)**

This course is designed to cultivate contemporary composition techniques associated with electronic music and sound design. Various computer technologies will be utilized including Pro Tools, VST instruments, and digital signal processors. Prerequisite: MUS 34300 and MUS 38100 Offered: intermittently.

### **MUS 33900 - Composition Seminar (1)**

This course serves as a group discussion for student composers covering a variety of topics. Students and guest composers will present their works for discussion, analysis, and evaluation. Prerequisite: MUS 33700 Offered: intermittently.

### **MUS 34300 - Music Theory III (4)**

This course is an extension of MUS 24200 and includes the following components:(a) Renaissance and Baroque Periods, including late Renaissance polyphony, two-voice eighteenth-century counterpoint, and the fugue; (b) chromatic harmony, including borrowed chords, Neopolitan sixth chords, and augmented sixth chords; and (c) the Classical Period, including variation technique, sonata form, and rondo forms. Prerequisite: MUS 24200 Offered: spring semester.

### **MUS 34400 - Music Theory IV (4)**

This course is an extension of MUS 34300 and includes the following components:(a) extended and chromatic harmony, including ninth, eleventh, and thirteenth chords, altered dominants, and chromatic mediant; (b) Nineteenth and Twentieth centuries, including the Romantic Period, the Post-

Romantic style, Impressionism and related styles, the early Twentieth century, Twelve-Tone technique, and music since 1945. Prerequisite: MUS 34300 Offered: fall semester.

**MUS 34500 - Contemporary Harmony (3)**

This course examines common practices and music theory structures in popular music since 1900. Primarily, the genres of jazz, pop, rock, and funk will be explored in detail. Areas of music theory covered include, contemporary analysis, modal interchange, chord scale theory and non-traditional chord structures.

Prerequisite: MUS 34300 Offered: intermittently.

**MUS 35500 - History of Western Music I (3)**

(GE-Fine Art/CrsCl) This course is a study of Western art music (Middle Ages to 1750) in historical, stylistic, and cultural contexts. Prerequisite: ENGL 17000 and Sophomore standing. Offered: fall semester.

**MUS 35600 - History of Western Music II (3)**

(GE-Fine Art/CrsCl) This course is a study of Western art music (1750 to the present) in historical, stylistic, and cultural contexts. Prerequisite: MUS 35500, ENGL 17000, and Sophomore standing. Offered: spring semester.

**MUS 35700 - World Music (3)**

(GE-Fine Art/CrsCl) This course is a study of non-Western musical cultures. Emphasis on the characteristics of the world's major musical traditions in historical, stylistic, and cultural contexts and vocabulary for effective analysis and description. Prerequisite: ENGL 17000 and Sophomore standing. Offered: fall and spring semesters.

**MUS 36000 - Instrumental Composition and Arranging (3)**

This course is an instrumental composition and arranging practicum. Scores are produced for diverse combinations of string, woodwind, brass, percussion, and electronic instruments. Includes a range of styles and forms. Prerequisite: MUS 24200 Offered: intermittently.

**MUS 36500 - Band and Orchestra Techniques (3)**

This course offers study of performance objectives, assessment procedures, instructional strategies, literature, resources, and innovative approaches for developing superior concert bands, orchestras, pit bands, jazz bands, marching bands, and pep bands at the middle and high school levels. Includes clinical practice. Prerequisite: MUS 38400 Offered: fall semester.

**MUS 37000 - Choral Composition and Arranging (3)**

This course is a vocal/choral composition and arranging practicum. Scores are produced for diverse combinations of voices. Includes a range of styles and forms. Prerequisite: MUS 24200 Offered: intermittently.

**MUS 37500 - Choral Techniques and Literature (3)**

This course offers study of performance objectives, assessment procedures, instructional strategies, literature, resources, and innovative approaches for developing superior choral ensembles at the middle and high school levels. Includes clinical practice. Prerequisite: MUS 38500 Offered: fall semester.

**MUS 37601 - English Diction (1)**

This course serves as a study of the International Phonetic Alphabet as applicable to vocal repertoire in English. Includes transcription of songs and arias. Prerequisite: two semesters of private voice lessons. Offered: intermittently.

**MUS 37602 - French Diction (1)**

This course serves as a study of the international Phonetic Alphabet as applicable to vocal repertoire in French. Includes transcription of songs and arias. Prerequisite: two semesters of private voice lessons. Offered: intermittently.

**MUS 37603 - Italian Diction (1)**

This course serves as a study of the International Phonetic Alphabet as applicable to vocal repertoire in Italian. Includes transcription of songs and arias. Prerequisite: two semesters of private voice lessons. Offered: intermittently.

**MUS 37604 - German Diction (1)**

This course serves as a study of the International Phonetic Alphabet as applicable to vocal repertoire in German. Includes transcription of songs and arias. Prerequisite: two semesters of private voice lessons. Offered: intermittently.

**MUS 37800 - Opera Workshop (1)**

Study, rehearsal, and stage production of full-length operas, opera scenes, or shorter, one-act operas. Includes instruction in voice, chorus, set design and construction, properties, make-up, lighting, publicity, and costumes. May be repeated for credit. Prerequisite: permission of dean. Corequisite: MUS 10462, MUS 20462, MUS 30462, or MUS 40462 Offered: intermittently.

**MUS 37900 - Vocal Pedagogy and Literature (3)**

This course offers a broad overview of vocal literature of 18th, 19th, and 20th century as applicable to the solo singer as well as the study of the physiology of the vocal instrument, error detection and correction, the nuances of teaching private voice, and the historic traditions of vocal study. Includes clinical practice. Prerequisite: Junior standing. Corequisite: MUS 10462, MUS 20462, MUS 30462, or MUS 40462 Offered: intermittently.

**MUS 38000 - Instrumental Pedagogy and Literature (3)**

This course offers a broad overview of instrumental literature of the 16th, 17th, 18th, 19th, and 20th centuries as applicable to the solo instrumentalist, as well as the study of the nuances of teaching private lessons, error detection and correction, and the historic traditions of teaching instrumental technique as applied to the emphasis of the student. Includes clinical practice. Prerequisite: Junior standing and concurrent enrollment in private lessons. Corequisite: MUS 104XX, MUS 204XX, MUS 304XX, or MUS 404XX Offered: intermittently.

**MUS 38100 - Music Production I (3)**

This course is an introductory examination of the processes, mechanics, and techniques of producing music of any style or genre and for any media application. Beginning with a musical seed and working toward a final mastered recording, the course will explore the entire process of music making. This is a hands-on computer lab course with many creative projects. Emphasis is placed on the technologies of music production including, Digital Audio Workstations (DAWs), MIDI, recording, audio

editing/processing and mixing. Time will be dedicated to understanding some of the foundations of music theory in service of composing and songwriting, and the foundations of sound and audio in service of developing music technology skills. Prerequisite: MUS 24200 and MUS 25000 Offered: intermittently.

**MUS 38200 - Music Production II (3)**

This course is an extension of MUS38100 and focuses on further development of production skills by examining advanced Pro Tools operation including recording, sequencing and mixing. Critical listening skills will be developed through analysis of recordings and audio ear-training. Significant time will be dedicated to developing composition skills. Includes several small projects designed to examine technical challenges, and projects with extensive creative components. Prerequisite: MUS 38100 Offered: intermittently.

**MUS 38300 - Introduction to Conducting (3)**

This course is a practical study of conducting fundamentals, including score reading, verbal and non-verbal conducting techniques, rehearsal strategies, and performance planning. Prerequisite: 4 credit hours of private lessons on major instrument, 4 credit hours of ensemble, and Junior standing. Offered: fall semester.

**MUS 38400 - Advanced Conducting-Instrumental (3)**

This course is an extension of MUS 38300. Includes advanced techniques for conducting and managing instrumental ensembles. Requires clinical practice and performance at the Student Conductors Concert. Prerequisite: MUS 38300 Offered: spring semester.

**MUS 38500 - Advanced Conducting-Choral (3)**

This course is an extension of MUS 38300. Includes advanced techniques for conducting and managing choral ensembles. Requires clinical practice and performance at the Student Conductors Concert. Prerequisite: MUS 38300 Offered: spring semester.

**MUS 38600-38699 - Special Topics (1-6)**

Special topics in music that may include a performance component. May be repeated as topics vary. Course fee may be required. Prerequisite: permission of dean. Offered: intermittently.

**MUS 38800 - Junior Recital (1)**

This course is a formal recital representing partial culmination of applied studies. Course fee required. Prerequisite: concurrent enrollment in private lessons and permission of the dean. Corequisite: MUS 304XX or MUS 404XX Offered: fall and spring semesters.

**MUS 404XX - Private Lessons (1-2)**

Courses with numbers 40442 through 40467 are specialized private instruction. May be repeated for credit. Course fee required. Prerequisite: 304XX Offered: fall and spring semesters.

MUS 40442 - Applied Music (1-2) Prerequisite: MUS 30442 Offered: fall and spring semesters.

MUS 40443 - Private Lessons: Bassoon (1-2) Prerequisite: MUS 30443 Offered: fall and spring semesters.

MUS 40445 - Private Lessons: Clarinet (1-2) Prerequisite: MUS 30445 Offered: fall and spring semesters.

MUS 40446 - Private Lessons: Double Bass (1-2) Prerequisite: MUS 30446 Offered: fall and spring semesters.

MUS 40448 - Private Lessons: French Horn (1-2) Prerequisite: MUS 30448 Offered: fall and spring semesters.

MUS 40449 - Private Lessons: Guitar (1-2) Prerequisite: MUS 30449 Offered: fall and spring semesters.

MUS 40450 - Private Lessons: Bass Guitar (1-2) Prerequisite: MUS 30450 Offered: fall and spring semesters.

MUS 40451 - Private Lessons: Flute (1-2) Prerequisite: MUS 30451 Offered: fall and spring semesters.

MUS 40452 - Private Lessons: Oboe (1-2) Prerequisite: MUS 30452 Offered: fall and spring semesters.

MUS 40454 - Private Lessons: Percussion (1-2) Prerequisite: MUS 30454 Offered: fall and spring semesters.

MUS 40455 - Private Lessons: Piano (1-2) Prerequisite: MUS 30455 Offered: fall and spring semesters.

MUS 40456 - Private Lessons: Saxophone (1-2) Prerequisite: MUS 30456 Offered: fall and spring semesters.

MUS 40457 - Private Lessons: Trombone (1-2) Prerequisite: MUS 30457 Offered: fall and spring semesters.

MUS 40458 - Private Lessons: Trumpet (1-2) Prerequisite: MUS 30458 Offered: fall and spring semesters.

MUS 40459 - Private Lessons: Tuba (1-2) Prerequisite: MUS 30459 Offered: fall and spring semesters.

MUS 40460 - Private Lessons: Euphonium (1-2) Prerequisite: MUS 30460 Offered: fall and spring semesters.

MUS 40461 - Private Lessons: Violin (1-2) Prerequisite: MUS 30461 Offered: fall and spring semesters.

MUS 40462 - Private Lessons: Voice (1-2) Prerequisite: MUS 30462 Offered: fall and spring semesters.

MUS 40466 - Private Lessons: Viola (1-2) Prerequisite: MUS 30466 Offered: fall and spring semesters.

MUS 40467 - Private Lessons: Cello (1-2) Prerequisite: MUS 30467 Offered: fall and spring semesters.

**MUS 42000 - Music Marketing (3)**

This course examines detailed strategies for marketing music and self-promotion. Topics include marketing, promotion, sales, publicity and fans. Intended for Music Business and Arts and Entertainment Management majors, this course will provide practical, budget-minded, how-to directions for music marketing and branding. Prerequisite: MRKT 35010 and MUS 33040 Offered: intermittently.

**MUS 42500 - Artist and Concert Management (3)**

This course develops a functional knowledge of artist and concert management, including promotion and production. Intended for Music Business and Arts and Entertainment Management majors and requires clinical practice. Prerequisite: Junior standing and permission of dean. Offered: intermittently.

**MUS 48800 - Senior Recital (1)**

This course is a formal recital and culmination of the degree program. Course fee required. Prerequisite: successful completion of the Piano Proficiency Exam, concurrent enrollment in private lessons, and permission of the dean. Corequisite: MUS 404XX Offered: fall and spring semesters.

**MUS 48900 - Internship (3-6)**

Supervised work experience for the advanced student which requires the application of principles, skills, and strategies within the discipline. Requires signed internship agreement by student, faculty of record, and supervisor representing host organization. May be repeated for a maximum of six credit hours. Prerequisite: Junior standing, successful completion of the WPA or ENGL 21000, and permission of dean. Offered: fall and spring semesters.

**NPA - Nonprofit Administration****NPA 10000 - Introduction to Nonprofit Organizations and Community Service (3)**

This course will examine and discuss the role of nonprofit organizations in society. The focus will be on the political, social, cultural, and economic impacts including advocacy roles involving scientific, environmental, human services, and human rights issues and will include a volunteer component. Offered: fall and spring semesters.

**NPA 13000 - Leadership (3)**

This course provides an examination of some of the contemporary definitions of leadership, and developing a personal definition. Selected historical and contemporary models of leadership will be explored, as well as how individual styles compare to such models. Lastly, the application of the foundational areas of leadership to practical and real-life situations within the high school environment will be included. Prerequisite: Dual credit high school only. Students must be of high school junior or senior standing, ideally nominated to participate.

**NPA 19000-19999 - Special Topics in Nonprofit Administration (1-3)**

This will be introductory nonprofit courses. Lab fee may be required. Offered: intermittently.

**NPA 20100 - Nonprofit Administration Student Association (1)**

This course involves the study and experience of the co-curricular program at LU. The class works as a nonprofit organization to identify needs and responses as an organization. Students are expected to attend meetings and work on projects the student association agrees to do. This course may be taken for credit up to four times. Offered: fall and spring semesters.

**NPA 20400 - Leadership Experience (1)**

This course emphasizes active participation in leadership activities and the organization, staffing, training, financing, and programming of leadership activities. This course can be taken for credit up to four times. Lab fee required. Offered: fall semester.

**NPA 28900 - Nonprofit Leadership Alliance Management Institute I (3)**

Students required to attend workshops and relate experience to the NPA major. Prior permission from the dean required. Additional registration and transportation fees are required as well. Offered: J-Term.

**NPA 29000-29999 - Special Topics in (3)**

Courses in topics pertinent to the management of nonprofit organizations. Lab fee may be required. Offered: intermittently.

**NPA 30000 - Fundraising (3)**

This course examines the differences between for profit and nonprofit organizations and includes examination of philanthropy and techniques of fundraising, relationships with umbrella funding organizations, government funding, and budgeting. Prerequisite: NPA 10000 or REC 10200 or junior standing. Offered: spring semester.

**NPA 30200 - Individual Giving and Special Events (3)**

This course will examine the creation of an individual giving program and the planning and coordinating of a special event fundraiser for nonprofit organizations. Prerequisite: NPA 10000 or REC 10200 or junior standing. Offered: intermittently.

**NPA 30300 - Human Resource Management (3)**

This course will examine human resource management procedures as they affect business and nonprofit sectors. Students will explore human resource management from recruitment to selection of personnel, performance evaluation, compensation and benefits, and training and development issues for staff and volunteers. Special emphasis will be placed on the handling of grievances, diversity, discrimination, harassment, and selection and placement issues as they pertain to staff and volunteers. Prerequisite: NPA 10000 or REC 10200 or junior standing. Offered: spring semester.

**NPA 35000 - Management of Nonprofit Organizations (3)**

Management methods are applied in the specialized settings of nonprofit organizations in this course. Topics include management of agency staff, volunteers, and client services; program planning and service delivery; and public relations and marketing. The course presents effective techniques for supervision and problem solving; developing services that effectively respond to diversity in the community. Students will study trends in national and international philanthropy; the significance of nonprofit and cross-sector partnerships; and understanding the importance of advocacy and lobbying in the nonprofit sector. Prerequisite: NPA 10000 or REC 10200 or junior status. Offered: spring semester.

**NPA 35100 - Volunteer Management (3)**

This course examines concepts, issues, significance of the "voluntary society," recruitment, placement, and volunteer

development and the focus is on basic human resource issues; managing diversity; strategies for recruiting, motivating, supervising and evaluating volunteer staff. Prerequisite: NPA 10000 or REC 10200 or junior status. Offered: fall semester.

**NPA 36000 - Leadership in Nonprofit Organizations (3)**

This course explores the various techniques for exercising influence in structured situations. The emphasis is on leadership research and techniques including the development of attitudes and action for effective leadership. Content includes issues of ethics and professional integrity within the nonprofit sector. Prerequisite: NPA 10000 or REC 10200 or junior status. Offered: fall semester.

**NPA 37100 - Grantwriting (3)**

This course examines philanthropic grant writing and techniques of fund development. The focus is on relationship building in resource development; writing grants, understanding relationships with umbrella funding organizations, government funding, grantsmanship, and budgeting. Prerequisite: successful completion of the WPA or in ENGL 21000. Offered: spring semester.

**NPA 38300 - Marketing for Nonprofit Organizations (3)**

This course will examine and teach how to create a marketing plan for a nonprofit organization identifying the targets of the plan and addressing what is known as the four P's of marketing: place, public, price and promotion. Prerequisite: Prerequisite NPA 10000 or REC 10200 or junior status. Offered: intermittently.

**NPA 38500 - Nonprofit Budgeting and Financial Management (3)**

This course provides an overview of principles and practices of financial management within nonprofit organizations. Topics covered include appropriate procedures for handling income receipts; developing a budget; reporting mechanisms and requirements, and reading and interpreting financial statements. Emphasis on the unique and accessible presentation of the rules specific to the nonprofit sector while building a framework to access and apply financial information more effectively. Prerequisite: NPA 10000 or REC 10200 or junior status. Offered: fall semester.

**NPA 38900 - Nonprofit Leadership Alliance (3)**

Students must complete the program of study provided through the American Humanics, Inc. at the American Humanics Management Institute. This national course offering is available for American Humanics students across the nation. Topics are presented by national youth agencies and corporate leaders with student interaction. Registration and transportation fees are required. Prerequisite: NPA 28900 and junior status. Offered: J-Term.

**NPA 45000 - Internship (3-6)**

Under the supervision of agency personnel, students will observe and practice nonprofit administration management skills. This course requires 150 hours of participation at a nonprofit agency. Prerequisite: NPA 35000 and permission of dean. Offered: fall and spring semesters.

**NPA 45100 - Nonprofit Leadership Alliance Internship (3)**

Under the supervision of agency personnel, students will observe and practice nonprofit administration management skills. This course requires 150 hours of participation at a nonprofit agency. Prerequisite: NPA 45000 Offered: fall and spring semesters.

**NPA 48000 - Senior Seminar (3)**

This required capstone seminar must be completed during the last year of baccalaureate study. It provides an opportunity for discussion of professional standards and ethics and an evaluation of case studies related to nonprofit organizations or leadership and management skills. Prerequisite: senior status and nonprofit administration major. Offered: spring semester.

**NPA 49000-49999 - Special Topics in Nonprofit Administration (1-6)**

This course is a directed study in the management of nonprofit organizations and includes study of unique situations, conditions, and circumstances that occur in nonprofit organizations. Topics may include courses on Program Evaluation, Capital, Endowment and Planned Giving Campaigns, and Major Gifts and Corporate Relations. Can be taken for repeated credit with different topics. Lab fee may be required. Prerequisite: permission of dean. Offered: This course offered intermittently.

**NUR - Nursing**

**NUR 31000 - Professional Nursing (3)**

This course introduces the student to the expanded expectations of professional nursing practice and the role of baccalaureate prepared nurse. The historical and theoretical development of nursing as a discipline, the transformation of nursing science and health care, and evidence based nursing practice are discussed. Concepts and proficiencies introduced in this course guide the student's educational experience within the nursing major. Prerequisite: Admission to the Nursing program

**NUR 33000 - Research and Evidence Based Practice (3)**

This course provides an introduction to the research process and evidence-based practice methodology. Students will learn how to apply evidence-based practice methodology and utilize research in the clinical setting to improve patient outcomes. The application of science to clinical reasoning, clinical judgment, and interdisciplinary research collaboration will be addressed. The ethical conduct of research and scholarship will be discussed. Contributions to research and evidence-based practice in improving patient care and outcomes will be studied. Prerequisite: C or better in both MTH 14100 and (NUR 31000 or AHS 3200)

**NUR 35000 - Healthcare Policy and Finance (3)**

This course provides an overview of policies that drive systems of health care in the United States. The impact of health care policy, organization, and financing on patient outcomes of cost, quality, and access will be surveyed. The role of the baccalaureate level professional nurse in influencing and employing policy to improve health care delivery will be identified and explored. Prerequisite: Admission to nursing program or allied health leadership program.



**NUR 37000 - Patient Safety and Quality (3)**

This course gives the student foundational knowledge in patient safety, risk management and quality improvement science. The impact of system vulnerabilities on patient outcomes will be explored, and institutional responses to adverse events will be reviewed. Students will learn about models for improving patient safety in hospitals and other health care institutions. Students will learn how to conduct an incident investigation, appreciate the advantages and limitations of error reporting, and learn principles involved in disclosing errors and adverse events. The importance of interdisciplinary teamwork and communication in creating and sustaining a culture of safety will be explored. The role of the healthcare professional in contributing to a culture of safety will be identified and examined. Prerequisite: C or better in NUR 31000 or AHS 32000

**NUR 37500 - Introduction to Health Informatics (3)**

This course will provide students with an introduction to health informatics, including the interdisciplinary study of the design, development, adoption and application of IT-based innovations in health care services delivery, management and planning. Students will learn foundational concepts of health informatics including theoretical foundations of informatics; information systems in health care delivery; participatory health care and quality; usability and standards in health informatics; governance and organizational structures for health informatics; and future directions for the science and profession. Prerequisite: C or better in NUR 31000 or AHS 32000

**NUR 37900 - Nursing Genomics (3)**

Genomics is quickly advancing the health care arena as scientists discover how genes interact to affect health. This online course is intended to give nursing students a beginning knowledge of genomics in healthcare. The eight modules take the student from the significance of the Human Genome Project, to a review of genetics and genomics, through application of genomics in nursing, to an understanding of pharmacogenomics, ethical issues and it concludes with a module on genetic testing. The course material is based on the core competencies identified in the American Nurses Association's Essentials of Genetic and Genomic Nursing: Competencies, Curricula Guidelines, and Outcome Indicators, 2nd Edition (2009). Prerequisite: C or better in NUR 31000 or AHS 32000

**NUR 38000 - Nursing in Emergent Situations (3)**

Nursing in Emergent Situations integrates multiple nursing concepts to prepare the professional registered nurse to deliver nursing care to patients experiencing medical and traumatic emergency conditions. The roles and responsibilities, ethical and legal implications, and current issues of emergency and trauma nursing care and resuscitation will be explored. Additional course topics will include a discussion of emergency services system and exploration of the role of the emergency nurse in emergency preparedness and mass casualty events. Prerequisite: C or better in NUR 31000

**NUR 38200 - Epidemiology (3)**

Epidemiology is the science of identifying causal factors that can be modified or eliminated in order to prevent or control adverse outcomes in human populations. The course will provide an

introduction to basic epidemiologic principles and methods including measures of disease/outcome frequency, disease/outcome distribution, disease/outcome surveillance, measures of association, causal inference, and epidemiologic study design. Health management and clinical applications of epidemiology will be explored. Students will have the opportunity to apply epidemiologic methodology to evaluate the effectiveness of a health management or clinical issue. Prerequisite: NUR 31000 or AHS 32000

**NUR 38300 - Population-Based Maternal and Child Health (3)**

The purpose of this course is to provide an overview of issues and trends in maternal and child health for nurses and other professionals working with women and children. The history and theoretical underpinnings of maternal and child health will be introduced. Selected preconception, reproductive, perinatal, infant, child and adolescent health issues such as infant mortality, preterm birth, autism, childhood obesity, asthma, and lead poisoning will be analyzed within the context of the Life Course Perspective to health needs. The impact of environment, social structure, and maternal and child health policies and programs on morbidity, mortality and health disparities in women and children will be studied. Prerequisite: NUR 31000 or AHS 32000 Offered: intermittently

**NUR 41000 - Holistic Health Assessment (3)**

Holistic health assessment integrates theoretical knowledge and interpersonal skills to serve as the foundation to the nursing process. This course prepares baccalaureate nurses to utilize the principles of comprehensive health assessment and health promotion in the holistic patient care of individuals and families at all developmental stages. Students will apply and practice assessment skills in communication, relationship building, interviewing, gathering of subjective and objective patient data, and documentation. This course includes a required clinical/assessment lab. Prerequisite: C or better in NUR 31000

**NUR 43000 - Leadership and Management (4)**

This course prepares the professional nurse to coordinate care, lead teams, and demonstrate high level decision making within diverse healthcare settings. Emphasis is placed on leadership and management theory and concepts, delegation and supervision of licensed and non-licensed assistive personnel, and the use of a systems approach with a focus on quality and safety of client care. The course will discuss leadership models, behavior, and strategic planning at various organizational levels. Students will also learn concepts of organizational structure, healthcare delivery systems, change management, budgeting and resource allocation, and collaboration with multidisciplinary teams. A mentored leadership and management practicum will offer students the opportunity to apply leadership theories and principles discussed during the course. Prerequisite: 12 credit hours of NUR courses at the 30000 level.

**NUR 45000 - Community Health and Health Promotion (5)**

This course provides a conceptual foundation for public health/community health nursing in which the community is the client and primary focus of intervention. Students learn to deliver care to populations and aggregates using the core public health

functions framework of assessment, policy development and assurance. The changing needs of an increasingly culturally diverse population are examined along with the environmental, economic, political and legal influences impacting the health of populations and aggregates. Students integrate and apply concepts of epidemiology, health policy, strategies to facilitate health promotion and prevention, and evidence-based practice in conducting a community assessment and planning care for a population or aggregate. Clinical activities are concentrated in the community and provide opportunities for students to apply epidemiology, public health science, and professional nursing at the population and aggregate level. Prerequisite: 12 credit hours of NUR coursework at the 30000 level.

**NUR 47000 - Nursing Capstone (3)**

This clinical course is designed for professional nursing students to systematically apply and synthesize skills and knowledge from their baccalaureate coursework to the healthcare practice setting. Students develop and plan for the implementation and evaluation of a project to lead a healthcare systems change initiative aimed at improving health outcomes and/or nursing practice in the healthcare environment. Elements of the course and project will emphasize professional nursing concepts such as assessment, evidence based practice, safety and quality, health policy, community health and leadership in the transition to professional nursing practice in a transforming healthcare environment. In addition, each student will complete a portfolio outlining professional nursing growth throughout the program and include identification of goals for continued professional growth and lifelong learning. Prerequisite: 33 credit hours of NUR and/or AHS courses.

**PE - Physical Education**

**PE 10000 - Team Sports (Competitive Sports) (1)**

**PE 10100 - Recreational Sports I (1)**

**PE 10200 - Recreational Sports II (1)**

**PE 10300 - Volleyball (1)**

**PE 10400 - Softball (1)**

**PE 10500 - Track and Field (1)**

**PE 10600 - Flag Football (1)**

**PE 10700 - Basketball (1)**

**PE 10800 - Soccer (1)**

**PE 10900 - Wrestling (1)**

**PE 11000 - Golf (1)**

**PE 11200 - Trap/Skeet Shooting (1)**

Not open to students with credit in REC 12000.

**PE 12000 - Weight Lifting I (1)**

**PE 12100 - Weight Lifting II (1)**

**PE 12200 - Orienteering (1)**

Not open to students with credit in REC 12500.

**PE 12600 - Aerobic Fitness (1)**

**PE 12700 - Swimming I (1)**

**PE 12900 - Lifeguarding (1)**

**PE 13000 - Water Aerobics (1)**

**PE 13100 - Bowling (1)**

**PE 13200 - Lifetime Sports (1)**

**PE 13300 - Tennis I (1)**

**PE 13400 - Tennis II (1)**

**PE 13500 - Badminton (1)**

**PE 13600 - Scuba (1)**

Not open to students with credit in REC 13600.

**PE 13700 - Archery (1)**

Not open to students with credit in REC 13700.

**PE 13800 - Racquetball (1)**

**PE 13900 - Pickleball (1)**

**PE 14000 - Plyometrics (1)**

**PE 14100 - Self Defense I (1)**

**PE 14200 - Cardiovascular Fitness (1)**

PE 14300 - Self Defense II (1) Prerequisite: PE 14100

**PE 14400 - Camping (1)**

Not open to students with credit in REC 14400.

**PE 14500 - Bicycling (1)**

Not open to students with credit in REC 14500.

**PE 14800 - Hiking (1)**

Not open to students with credit in REC 14800.

**PE 14900 - Canoeing (1)**

Not open to students with credit in REC 14900.

**PE 15000 - Foundations of Physical Education (3)**

This course is an introductory study of health and physical education intended to help students decide if they wish to major in physical education. The history of physical education is examined with the goal of guiding students in the discovery of themselves and their career interests. Offered: fall and spring semesters.

**PE 15100 - Table Tennis (1)**

**PE 15200 - Rappelling (1)**

Not open to students with credit in REC 15200.

**PE 15300 - Officiating of Team Sports (1)**

**PE 15400 - Billiards and Pool (1)**

**PE 15500 - Swimming II (1)**

**PE 15600 - Fencing (1)**

**PE 15700 - Advanced Lifeguarding/Lifesaving (1)**

**PE 15800 - Fishing and Fly Tying (1)**

Lab fee required.

**PE 15900 - Advanced Fishing and Fly Tying (1)**

Lab fee required. Prerequisite: PE 15800

**PE 16100 - Outdoor Education (1)**

Not open to students with credit in REC 16100.

**PE 18200 - Lifeguard Training (1)****PE 18300 - Lifeguard Management (1)****PE 20100 - Wellness Concepts (1)**

Students will be introduced to the following areas of wellness: physical, mental, social, spiritual, and environmental. Students will explore how each area affects his/her health and well-being. Strategies to be used in everyday life will be discussed and active participation is required.

**PE 20300 - Adventure Education and Leadership (3)**

This course includes the study of group dynamics and the team building process. Students will learn the facilitation process and a variety of leadership skills designed to deliver effective team initiative and cooperative experiential learning experiences. Briefing, debriefing, processing, activity sequencing, group development, communication strategies, and activity delivery will be the learning components discussed and experienced in this course. (Not open to students with credit in REC 20300). (PE majors receive 3 credit hours of lifetime activities towards degree requirements). Offered: J-Term.

**PE 26200 - Marathon Course (2)**

This is a running/walking course that will guide the student to completing a half marathon (13.1 miles) or full marathon (26.2 miles). This course is designed to be fun, exciting, and physically demanding at times. The student will develop high levels of aerobic fitness and will attain the capacity to complete long distances running at a steady pace. The student will become efficient in running/walking under various conditions such as hills, wind, heat, and cold as well as learn how to perform tempo runs. The student will also develop an understanding of biomechanics, physiology, nutrition, limitations, and necessary preparations to successfully complete a marathon/half marathon. Long runs will be on Saturdays at various running trails throughout the St. Louis area including the Boone Home Campus, Katy Trail, Creve Coeur Park, Forest Park and Grant's Trail. (PE majors receive 2 credit hours of lifetime activities towards degree requirements). Lab Fee Required. Offered: spring semester.

**PE 27000 - Introduction to Fly Rod Building and Trip Preparation (1-3)**

This course is an introduction to fly rod building and trip preparation. Objectives include blank selection, tools, adhesives, bonding techniques, finding the spine of the rod, guide placement, rod wrapping, preparing to fish with your new rod, safety, ethics and conservation. Lab fee required.

**PE 27001 - Advanced Rod Building (1-3)**

This course includes skills in advanced rod building. Objectives include advanced blank selection, techniques, alternate guide placement, decorative rod wrapping, safety, ethics and conservation. Lab fee required. Prerequisite: PE 27000.

**PE 31800 - Coaching with Character (3)**

This course is required for all physical education majors. This course examines the complex relationships between a coach and his/her responsibilities to teach values to the team, parents, school, and the community. The student will analyze and evaluate the research in this field. Situations and behavior patterns will also be examined to help coaches make the right decisions. Prerequisite: AT 28500 or EXS 25000 or PE 15000 or HFS 20400 or REC 20600. Offered: fall and spring semesters.

**PE 32000 - Psychological and Sociological Aspects of Physical Education (4)**

This course includes the theoretical foundations, methodological foundations, experimental foundations, and applied foundations of sport sociology, as well as the historical perspectives of psychology, altered states of consciousness, the sport personality, motivation, arousal, anxiety, attention, aggression, self-regulation of psychological processes, sport leadership, humanism in sports, cohesiveness, sex roles, racism, the historical aspects of play theory, social psychological aspects of play, bio-behavioral aspects of play, research methodology, and the environmental aspects of play. Prerequisite: PSY 10000 and (PE 15000 or AT 28500 or EXS 25000 or REC 20600) and Writing Proficiency Assessment. Offered: fall and spring semesters.

**PE 33100 - Analysis and Teaching of Lifetime Sports (2)**

This course includes the study of skill analysis and techniques of teaching team sport activities. An emphasis will be given to exercise, history, strategy, rules, materials, and teaching of the various activities. The students will have opportunities to plan and teach activities through the use of micro and peer-teaching. Prerequisite: PE 15000 or REC 10200. Offered: intermittently.

**PE 33500 - Methods of Elementary Physical Education (3)**

This course is designed to prepare the elementary physical education teacher in the methodologies associated with teaching physical education to the elementary school child. Students will apply the tenets of human growth and development, motor learning, physiology of exercise, self-concept, and personal development to the physical education of elementary students (Grades K-4). The course covers basic skills, gymnastics/tumbling, rhythms, relays, games of low organization and body awareness and mechanics. Includes a practicum placement in an elementary school. Prerequisite: EDU 10000 Offered: fall and spring semesters.

**PE 33600 - Methods of Intermediate Physical Education (3)**

This course is designed to provide a study in the techniques for instruction in motor skills, basic game skills, posture and body mechanics, games of low organization, body awareness, and introduce/institute the concepts of fair play and team work to the intermediate school student (Grades 5-9). The course includes a practicum placement in an intermediate school setting. Prerequisite: EDU 10000. Offered: fall and spring semesters.

**PE 34900 - Organization and Administration of Health and Physical Education (3)**

This course includes a study of the organization and administration of the health and physical education program with consideration of such problems as critical issues and present

trends, professionalism, class management, facilities, equipment and supplies, budget, intramural programs, and interschool athletics. Prerequisite: PE 15000 or REC 10200 and junior standing. Offered: fall and spring semesters.

**PE 35000 - Theory & Methods of Coaching Football (3)**

This course helps prepare students to coach the game of football. Emphasis will be placed on offensive and defensive theory, the kicking game, scouting, and the components of a successful football program. Prerequisite: HFS 20400 or AT 28500 or PE 15000 or EXS 25000. Offered: fall and spring semesters.

**PE 35100 - Theory & Methods of Coaching Basketball (3)**

This course includes the study of the rules, regulations, and traditions of basketball along with practical techniques for conditioning players, supervising effective practice, planning games, and effective supervision of players during games. Prerequisite: HFS 20400 or AT 28500 or PE 15000 or EXS 25000. Offered: fall and spring semesters.

**PE 35200 - Theory & Methods of Coaching Softball and Baseball (3)**

This course includes the study of the game of baseball including the rules, important technology, conditioning the players, the fundamentals of offensive play, the fundamentals of defensive play, the promotion of teamwork, an array of practice techniques, the use of teamwork in successful play, and game coaching. Prerequisite: HFS 20400 or AT 28500 or PE 15000 or EXS 25000. Offered: fall and spring semesters

**PE 35300 - Theory & Methods of Coaching Track & Field (3)**

This course includes the study of track and field theories, events, history, and outstanding coaches. The student is prepared to coach track and field events. Prerequisite: HFS 20400 or AT 28500 or PE 15000 or EXS 25000. Offered: fall and spring semesters.

**PE 35400 - Theory & Methods of Coaching Volleyball (3)**

This course includes the study of knowledge, skills, and techniques necessary for coaching volleyball. It includes learning how the skills are performed and participating therein. Practical experience in teaching volleyball is included. Prerequisite: HFS 20400 or AT 28500 or PE 15000 or EXS 25000. Offered: fall semester.

**PE 35500 - Theory & Methods of Coaching Soccer (3)**

This course is a study of coaching soccer. Emphasis will be placed on specific conditioning for soccer, the technical skills of the game, teamwork, offenses, defenses, the psychology of soccer play, and the game behavior of the coach. Prerequisite: HFS 20400 or AT 28500 or PE 15000 or EXS 25000. Offered: fall semester.

**PE 35600 - Theory & Methods of Coaching Weight Training (3)**

This course is designed to prepare students to teach and supervise weight training programs in athletic, recreational, and physical education class environment. Prerequisite: HFS 20400 or AT 28500 or PE 15000 or EXS 25000. Offered: fall and spring semesters.

**PE 35700 - Theory & Methods of Coaching Wrestling (3)**

This course will prepare students to coach interscholastic wrestling. The areas of study includes: history, rules, scoring, technology, conditioning, offensive/defensive maneuvers, and actual "on the mat" practice. Additionally, planning and supervising effective practice sessions and administering dual meets and tournaments will be covered. Prerequisite: HFS 20400 or AT 28500 or PE 15000 or EXS 25000. Offered: fall semester.

**PE 35800 - Theory & Methods of Coaching Aquatic Sports (3)**

This course will prepare students to coach aquatic sports. Emphasis will be placed on specific conditioning, techniques of each event, and teamwork. Meet administration will also be discussed. Prerequisite: HFS 20400 or AT 28500 or PE 15000 or EXS 25000. Offered: fall semester.

**PE 42052 - Practicum in Coaching Baseball/Softball (3)**

This course is designed as a culminating experience for the coaching minor. The student must complete a minimum of 150 hours in a practicum placement in the sport of baseball/softball. The student may not complete this requirement during season if he/she is a participant in baseball or softball. Placement will generally be with this institution as a student assistant. Duties and responsibilities will be determined by the head coach of either the baseball team or the softball team, who will also serve as the supervisor/instructor of the placement. Students may opt to be placed with a local youth or high school team with prior approval. Supervision/instruction will be shared between the head coach and a physical education faculty member. Prerequisite: senior standing, PE 35200. Offered: fall and spring semesters.

**PE 42053 - Practicum in Coaching Track & Field (3)**

This course is designed as a culminating experience for the coaching minor. The student must complete a minimum of 150 hours in a practicum placement in the sport of track and field. The student may not complete this requirement during season if he/she is a participant in track and field. Placement will generally be with this institution as a student assistant. Duties and responsibilities will be determined by the head coach of the track and field team, who will also serve as the supervisor/instructor of the placement. Students may opt to be placed with a local youth or high school team with prior approval. Supervision/ instruction will be shared between the head coach and a physical education faculty member. Prerequisite: senior standing, PE 35300. Offered: fall and spring semesters.

**PE 42054 - Practicum in Coaching Volleyball (3)**

This course is designed as a culminating experience for the coaching minor. The student must complete a minimum of 150 hours in a practicum placement in the sport of volleyball. The student may not complete this requirement during season if he/she is a participant in volleyball. Placement will generally be with this institution as a student assistant. Duties and responsibilities will be determined by the head coach of the volleyball team, who will also serve as the supervisor/ instructor of the placement. Students may opt to be placed with a local youth or high school team with prior approval. Supervision/instruction will be shared between the head coach

and a physical education faculty member. Prerequisite: senior standing, PE 35400. Offered: fall and spring semesters.

**PE 42055 - Practicum in Coaching Soccer (3)**

This course is designed as a culminating experience for the coaching minor. The student must complete a minimum of 150 hours in a practicum placement in the sport of Soccer. The student may not complete this requirement during season if he/she is a participant in soccer. Placement will generally be with this institution as a student assistant. Duties and responsibilities will be determined by the head coach of soccer team, who will also serve as the supervisor/ instructor of the placement. Students may opt to be placed with a local youth or high school team with prior approval. Supervision/instruction will be shared between the head coach and a physical education faculty member. Prerequisite: senior standing, PE 35500. Offered: fall and spring semesters.

**PE 42056 - Practicum in Coaching Weight Training (3)**

This course is designed as a culminating experience for the coaching minor. The student must complete a minimum of 150 hours in a practicum placement in the sport of weight training. The student may not complete this requirement during season if he/she is a participant in weight training. Placement will generally be with this institution as a student assistant. Duties and responsibilities will be determined by the head coach of the weight training team, who will also serve as the supervisor/ instructor of the placement. Students may opt to be placed with a local youth or high school team with prior approval. Supervision/instruction will be shared between the head coach and a physical education faculty member. Prerequisite: senior standing, PE 35600. Offered: fall and spring semesters.

**PE 42057 - Practicum in Coaching Wrestling (3)**

This course is designed as a culminating experience for the coaching minor. The student must complete a minimum of 150 hours in a practicum placement in the sport of Wrestling. The student may not complete this requirement during season if he/she is a participant in Wrestling. Placement will generally be with this institution as a student assistant. Duties and responsibilities will be determined by the head coach of the Wrestling Team who will also serve as the supervisor /instructor of the placement. Students may opt to be placed with a local youth or high school team with prior approval. Supervision/instruction will be shared between the head coach and a Physical Education faculty member. Prerequisite: senior standing, PE 35700. Offered: fall and spring semesters.

**PE 42058 - Practicum in Coaching Aquatic Sports (3)**

This course is designed as a culminating experience for the coaching minor. The student must complete a minimum of 150 hours in a practicum placement in the sport of Aquatics. The student may not complete this requirement during season if he/she is a participant in Aquatic Sports. Placement will generally be with this institution as a student assistant. Duties and responsibilities will be determined by the head coach of the Aquatic team who will also serve as the supervisor/ instructor of the placement. Students may opt to be placed with a local youth or high school team with prior approval. Supervision/instruction will be shared between the head coach and a Physical Education

faculty member. Prerequisite: senior standing, PE 35800. Offered: fall and spring semesters.

**PE 42059 - Practicum in Adaptive Sports (3)**

This course is designed as a culminating experience for the coaching minor and/or adaptive sport minor. The student must complete a minimum of 150 hours in a practicum placement in adaptive sport. The student may not complete this requirement during season if he/she is a participant in adaptive sport. Placement will generally be with adaptive sport organizations in the community. Duties and responsibilities will be determined by the supervisor of that program who will also serve as the supervisor/ instructor of the placement. Supervision/ instruction will be shared between the supervisor and a Physical Education faculty member. Prerequisite: senior standing and HFS 40000 Offered: Every semester

**PHL - Philosophy**

**PHL 10200 - Moral Life: A Study in Ethics (3)**

(GE-Phl-Rel) This course will introduce the student to various moral theories and patterns of moral reasoning and their consequences. It will cover both theoretical and applied ethics and stress the development of good moral character and the habit of sound moral reasoning. Topics covered will include: the nature of morality, moral theories, relativism, virtue and vice, as well as issues in personal and social ethics. Offered: fall and spring semesters.

**PHL 14000 - Philosophy of Love (3)**

(GE-Phl-Rel) This is a course in the philosophy of love. It will cover the nature and kinds of love, their relation to human nature, and moral and metaphysical questions concerning the kinds of love. The course will cover the four traditional kinds of love: storge (affection), philia (friendship), eros (romantic/sexual), agape (self-giving). The course will examine how the various kinds of love, and their counterfeits, affect our attempt to live a meaningful life. Discussions will include personal and social ethics and the connection of love to God or the transcendent. *NB: The course will deal with sensitive and controversial issues.* Offered: spring semester.

**PHL 15000 - Introduction to Philosophy (3)**

(GE-Phl-Rel) This course is an introduction to philosophy. Students will be introduced to the subject and methods of philosophy by a close reading of primary texts. Topics will include questions about reality, knowledge, ethics, and social and political philosophy. Offered: fall and spring semesters.

**PHL 17000 - Philosophy of Human Nature: Mind, Soul and Body (3)**

(GE-Phl-Rel) This course is an introduction to topics relating to human nature. It will examine questions in epistemology, psychology, philosophy of mind, ethics, and religion. Questions will include: What kinds of things can we know? What is the mind? Do humans consist only of matter? Do humans have free will? Is human nature essentially good or bad or neither? Can human nature tell us anything about God? Emphasis will be on primary readings. Offered: fall semester.

**PHL 18000-18099 - Selected Topics in Philosophy (3)**

(GE-Phl-Rel) This course is a detailed examination of a topic in philosophy. It may focus on a specific problem in philosophy, a particular philosopher, a major work of philosophy, or a topic or branch of philosophy not covered in other courses. For example, the course may focus on Professional Ethics, Plato, etc. This course may be repeated for different topics. Offered: intermittently.

**PHL 18100-18199 - Selected Topics in Philosophy (3)**

(GE-Phl-Rel/CrsClI) This course is a detailed examination of a topic in philosophy. It may focus on a specific problem in philosophy, a particular philosopher, a major work of philosophy, or a topic or branch of philosophy not covered in other courses. For example, the course may focus on Professional Ethics, Plato, etc. This course may be repeated for different topics. Offered: intermittently.

**PHL 18200-18299 - Selected Topics in Philosophy (1-3)**

This course is a detailed examination of a topic in philosophy. It may focus on a specific problem in philosophy, a particular philosopher, a major work of philosophy, or a topic or branch of philosophy not covered in other courses. For example, the course may focus on Professional Ethics, Plato, etc. This course may be repeated for different topics. Offered: intermittently.

**PHL 21400 - Ethics (3)**

(GE-Phl-Rel) This course provides students with a general understanding of the development and status of ethics as a theoretical discipline and its relation to social and political philosophy. Only original sources are used. Offered: fall semester.

**PHL 21500 - Traditional Logic (3)**

(GE-Phl-Rel) This is a course in logic in ordinary language. It will focus on Aristotelian logic and will include Terms and Definitions, Fallacies, Propositions and Immediate Inferences, Syllogisms, and Compound Syllogisms. The course is recommended for students in the humanities, business, political science, communications, or those seeking a course in practical reasoning. Offered: fall semester.

**PHL 21600 - Modern Symbolic Logic (3)**

(GE-Math) This is a course in Modern Symbolic Logic. It will cover translation, propositional logic, predicate logic, natural deduction, quantification, and identity. Offered: spring semester.

**PHL 24000 - Bioethics (3)**

(GE-Phl-Rel) This course is an introduction to the field of bioethics and ethical issues in healthcare. Topics will include the relation of general moral theory to the medical field; the nature of medicine and the role of doctors, nurses, and others; moral questions related to the elimination of disease, medical enhancements, and questions relating to life and death; and issues related to technology in medicine, such as cloning and genetic engineering. Prerequisite: ENGL 17000 with a C or better. Offered: intermittently.

**PHL 25000 - Contemporary Moral Theory (3)**

(GE-Phl-Rel) This course is an examination of contemporary moral theory. It will explore contemporary versions of traditional

moral theories (utilitarianism, deontology, and virtue ethics) and some modern alternatives. The course will also look at ways in which moral theories are applied to contemporary problems. Offered: intermittently.

**PHL 25200 - Dante and the Virtues (3)**

This course concentrates on Dante's Divine Comedy with particular emphasis on its relation to Thomas Aquinas' philosophical synthesis and the structure of the seven deadly sins. We will participate in literary analysis, learn an element of the history of philosophy, and discuss key ethical, epistemological, and theological ideas. Offered: intermittently.

**PHL 26000 - Philosophy of Art (3)**

(GE-Phl-Rel) This course is an introduction to topics relating to art, perceptions of nature, and aesthetic perceptions in general. It examines questions such as: Can art be defined? What is the purpose of art, if any? Is good art always related to ethics? Is art merely subjective, or can we make objective truth claims about art? Can we define any universals in art? What is art's content: something primarily emotional, or does art possess a content unique to it? Can we distinguish between high art and low art? Emphasis will be on primary readings. Prerequisite: ENGL 15000 with a C or better. Offered: spring semester of even numbered years

**PHL 26500 - Philosophy of Science (3)**

(GE-Phl-Rel) This course is an introduction to the philosophy of science. Topics covered include the nature, scope, and limits of science; the nature of scientific inference, explanation, and theories; questions about realism and antirealism, the unity of science, and science and religion. Emphasis is placed in the relationship between the natural sciences and the humanities. Prerequisite: ENGL 17000 with a C or better. Offered: fall semester of odd numbered years.

**PHL 28000-28099 - Selected Topics in Philosophy (3)**

(GE-Phl-Rel) This course is a detailed examination of a topic in philosophy. It may focus on a specific problem in philosophy, a particular philosopher, a major work of philosophy, or a topic or branch of philosophy not covered in other courses. For example, the course may focus on Professional Ethics, Plato, etc. This course may be repeated for different topics. Prerequisite: ENGL 15000 with a C or better. Offered: intermittently.

**PHL 28100-28199 - Selected Topics in Philosophy (3)**

(GE-Phl-Rel/CrsClI) This course is a detailed examination of a topic in philosophy. It may focus on a specific problem in philosophy, a particular philosopher, a major work of philosophy, or a topic or branch of philosophy not covered in other courses. For example, the course may focus on Professional Ethics, Plato, etc. This course may be repeated for different topics. Prerequisite: ENGL 15000 with a C or better. Offered: intermittently.

**PHL 28200-28299 - Selected Topics in Philosophy (1-3)**

This course is a detailed examination of a topic in philosophy. It may focus on a specific problem in philosophy, a particular philosopher, a major work of philosophy, or a topic or branch of philosophy not covered in other courses. For example, the course may focus on Professional Ethics, Plato, etc. This course may be

repeated for different topics. Prerequisite: ENGL 15000 with a C or better. Offered: intermittently.

**PHL 30000 - The Natural Law (3)**

(GE-Phl-Rel) This course is an introduction to one of the central ideas in philosophy. The idea of a natural law is based on an understanding of the universe as rationally ordered (or ordered in a way open to reason) and that such an order has bearing on human action. The idea of a natural law has influenced philosophy from its earliest beginnings. It has influenced, among many others, Plato, Aristotle, Cicero, Aquinas, Ibn Sina, Moses Maimonides, Thomas Hobbes, Hugo Grotius, John Locke, William Blackstone, Ghandhi, Martin Luther King, Jr., and the development of the Hippocratic Oath and the Universal Declaration of Human Rights. The idea of a natural law also is a bridge to understanding non-western traditions where it is commonplace, such as in Buddhist, Hindu, Confucian thought. While the natural law has most generally been associated with ethics and political philosophy, and with their application, it has metaphysical and epistemological implications and implications for the philosophy of science. The course will focus on both the historical understanding of a natural law and on its applications. Prerequisite: ENGL 17000 with a "C" or better Offered: fall semester of even numbered years.

**PHL 30500 - Political Philosophy (3)**

(GE-Phl-Rel) This course introduces students to the writings of well-known classical and modern political philosophers and theorists. Instead of secondary accounts or summaries of these writers, students read original thoughts of political thinkers. This course is not open to students with credit in PS 30500. Prerequisite: ENGL 17000 with a C or better. Offered: fall semester.

**PHL 31100 - Ancient Philosophy (3)**

(GE-Phl-Rel) This course investigates key ideas of the major philosophers from 600 B.C. to 40 B.C. The course proceeds by reading from the translated works of the Pre- Socratics, Socrates, Sophists, Plato, Aristotle, Epicurus, Greek and Roman Stoics, and Cicero. Topics include ethics, politics, metaphysics, epistemology, logic, and the nature of God and man. Prerequisite: ENGL 17000 with a C or better. Offered: fall semester of even numbered years.

**PHL 31200 - Medieval Philosophy (3)**

(GE-Phl-Rel) This course studies the arguments of Christian, Arabian, and Jewish philosophers of the middle ages, roughly the fourth to fifteenth centuries. Topics include the relation of faith and reason, metaphysics, epistemology, ethics, and social and political philosophy. Only original sources are used. Prerequisite: ENGL 17000 with a C or better. Offered: spring semester of odd numbered years.

**PHL 31300 - Modern Philosophy (3)**

(GE-Phl-Rel) This course is an investigation of the original texts of the major philosophers of the Enlightenment-rationalists and empiricists-tracing the emergence of modern science, the great political revolutions of the 17th and 18th centuries and rising romanticism of the early 19th century. Emphasis is on the works of Descartes, Hobbes, Locke, Hume, Rousseau, Kant, and Hegel.

Only original sources are used. Prerequisite: ENGL 17000 with a C or better. Offered: fall semester of odd numbered years.

**PHL 31800 - Asian Philosophy (3)**

(GE-CrsClt) This course is an introduction to the philosophies of India, China, Japan, and other countries in Asia and Asia minor. The course will focus primarily on Hindu, Buddhist, Confucian, and Taoist traditions. It will examine questions in metaphysics, epistemology, ethics, and social and political philosophy in both an historic and contemporary Asian thought. Not open to students with credit in REL 31800. Prerequisite: ENGL 17000 with a C or better. Offered: intermittently.

**PHL 32500 - Philosophy of Religion (3)**

(GE-Phl-Rel) This course is a survey of the philosophical investigation of religion. Topics examined may include arguments for and against the existence of God; the basis in reason and experience for religious faith; problems or religious language; the conflicting claims to truth of different religions and human destiny after death. Prerequisite: ENGL 17000 with a C or better. Offered: fall semester of even numbered years.

**PHL 34000 - Topics in Bioethics (3)**

This course will examine a topic in bioethics. Offered intermittently. Prerequisite: three credit hours of philosophy (PHL 10200 or higher), or three credit hours of religion (REL 10000 or higher), or permission of dean. Offered: intermittently.

**PHL 34500 - Metaphysics (3)**

This course will examine the nature of reality, of being in its most general aspects. It will include discussion of what kinds of things are real, nonbeing, properties identity, materialism/dualism, free will, time, existence or nonexistence of God, etc. Prerequisite: three credit hours of philosophy (PHL 10200 or higher), or three credit hours of religion (REL 10000 or higher), or permission of dean. Offered: fall semester of odd numbered years.

**PHL 35000 - Philosophy of Law (3)**

This course introduces students to the Philosophy of Law. We will cover the theoretical frameworks of positivism, natural law, law and economics, and feminism, among other topics. We use only original sources. Prerequisite: three credit hours of philosophy (PHL 10200 or higher), or three credit hours of political science (PS 15500 or higher), or permission of dean. Offered: spring semester of odd numbered years.

**PHL 35500 - Epistemology (3)**

This course will examine the nature and scope of knowledge. Topics addressed include the nature of knowledge, knowledge and belief, truth, rationalism/empiricism, justification, skepticism, relativism, etc. Prerequisite: three credit hours of philosophy (PHL 10200 or higher), or three credit hours of religion (REL 15000 or higher), or permission of dean. Offered: spring semester of even numbered years.

**PHL 36500 - Topics in Philosophy of Science (3)**

This course will examine a topic in the philosophy of science. Prerequisite: three credit hours of philosophy (PHL 10200 or higher), or three credit hours of religion (REL 15000 or higher), or permission of dean. Offered: intermittently.

**PHL 37000 - Philosophy of Mind (3)**

This course is an introduction to the philosophy of mind. The course will explore the nature of the mind, its relation to the brain, and the nature of thought. It will cover some of the major topics in the field, such as Mind-Brain Identity, Dualism, Hylomorphism, Behaviorism, Functionalism, Eliminativism, Consciousness, Artificial Intelligence, and Reductionism. Only original sources used. Prerequisite: ENGL 17000 with a C or better; one course in BSC (BSC 10000 or higher) or CHM (CHM 10000 or higher) or CSC (CSC 10011 or higher) or PHL (PHL 10200 or higher) or PHY (PHY 11100 or higher) or PSY (PSY 10000 or higher) Offered: spring semester of even numbered years.

**PHL 38000-38099 - Selected Topics in Philosophy (3)**

(GE-Phl-Rel) This course consists of a detailed examination of a topic in philosophy. Course may focus on a specific problem in philosophy, a particular philosopher, a major work of philosophy, or a topic or branch of philosophy not covered in other courses. For example, courses in Professional Ethics, Plato, etc. This course may be repeated for different topics. Prerequisite: ENGL 17000 with a C or better and junior standing. Offered: intermittently.

**PHL 38100-38199 - Selected Topics in Philosophy (3)**

(GE-Phl-Rel/CrsClt) This course is a detailed examination of a topic in philosophy. It may focus on a specific problem in philosophy, a particular philosopher, a major work of philosophy, or a topic or branch of philosophy not covered in other courses. For example, the course may focus on Professional Ethics, Plato, etc. This course may be repeated for different topics. Prerequisite: ENGL 17000 with a C or better and junior standing. Offered: intermittently.

**PHL 38200-38299 - Selected Topics in Philosophy (1-3)**

This course is a detailed examination of a topic in philosophy. It may focus on a specific problem in philosophy, a particular philosopher, a major work of philosophy, or a topic or branch of philosophy not covered in other courses. For example, the course may focus on Professional Ethics, Plato, etc. This course may be repeated for different topics. Prerequisite: three credit hours of philosophy (PHL 10200 or higher), or permission of dean. Offered: intermittently.

**PHL 48000-48099 - Selected Topics in Philosophy (1-3)**

This course consists of a detailed examination of a topic in philosophy. Course may focus on a specific problem in philosophy, a particular philosopher, a major work of philosophy, or a topic or branch of philosophy not covered in other courses. For example, courses in Professional Ethics, Plato, etc. This course may be repeated for different topics. Prerequisite: three credit hours of philosophy (PHL 10200 or higher), or permission of dean. Offered: intermittently.

**PHS - Public Health****PHS 20000 - Foundations of Public Health (3)**

This course provides a history of public health. It provides learners with the overarching framework, principles, and core responsibilities of public health from a multidisciplinary perspective. It offers students a methodology for understanding

populations and population health through an overview of the five core disciplines: epidemiology, biostatistics, environmental health, social and behavioral health, and health policy and management.

**PHS 22000 - Public Health and Social Justice (3)**

This course explores the concept of social justice and its role in the mission of public health. The impact of social justice measures on health disparities, health behaviors and social and physical environment will be examined.

**PHS 24000 - Global Health (3)**

This course introduces the student to the concept of population health in a global context. In this course, health problems that transcend national borders or have a global economic or political impact are identified and explored.

**PHS 30000 - Social Determinants of Health (3)**

This course provides an understanding of the process by which the social and physical environment “gets under the skin” to influence health outcomes. Social determinants of health including: socioeconomic status, race/ethnicity, gender, class, neighborhood, environment, education, social relationships, and immigration will be examined. Mechanisms through which social determinants operate across the life course to influence health and will be discussed. The influence of stress and access to health resources on health disparities will be explored.

**PHS 31000 - Introduction to the U.S. Health Care System (3)**

This course examines the organization, financing, and delivery of preventive, acute and tertiary health care in the U.S. The effects of market competition and government regulation on healthcare will be explored. Reimbursement mechanisms for medical providers, hospitals, and the pharmaceutical industry are examined as well as the major issues currently facing these groups. The effects of health care reform on healthcare spending, quality of care, and access to care will be discussed.

**PHS 31500 - Introduction to Community Structure & Organization (3)**

This course provides an introduction to community organization and structure as a basis for assessing and building community capacity. Strategies, models, and techniques to assess community structure, strengths and areas of need are introduced. Approaches and methods to build community capacity to address systemic problems or change public policy will be explored.

**PHS 32000 - Health Disparities (3)**

This course provides an overview of health disparities in the U.S. The scope and magnitude of health disparities in various racial, ethnic and other emerging groups will be identified. Evidence-based strategies for promoting health equity will be explored. The role of cultural competency, advocacy, and social justice in promoting health equity will be explored.

**PHS 32600 - Health Care Economics (3)**

This course focuses on microeconomics theory specific to health care. Concepts include: demand and supply of health services, hospital and physician service markets, the role of the public sector, comparative health systems and cost effectiveness analysis.



**PHS 33000 - Eliminating Health Disparities (3)**

This course addresses advanced design, analysis, and evaluation of interventions to promote health and reduce health disparities in underserved, vulnerable, minority or ethnic populations. Methods of culturally competent research, education and clinical practice will be explored.

**PHS 34000 - Health Policy (3)**

This course provides an historical overview and current status of health care organization, delivery and finance in the United States. The distribution of and access to medical care and public health services are explored within current political, economic, and social contexts. The role of public and private insurance in the delivery of health care is examined. The role and impacts of politics and advocacy on health policy is discussed.

**PHS 34600 - Public Health Administration, Planning and Finance (3)**

This course focuses addresses the organizational skills and basic principles, theories, and practices of administering health programs in voluntary and governmental agencies. Concepts include: leadership, motivation, small group process, problem solving, conflict resolution, inter-organizational relationship, organizational change, strategic and long range planning and organizational budget and finance.

**PHS 35000 - Historical Context of Public Health Disease Prevention & Health Promotion (3)**

Over the last century, life expectancy in the U.S. increased by about 30 years. Five of those years were due to improvements in curative medicine and health care. The remaining 25 years were due to improvements in public health and preventive medicine. This course provides an overview of the most significant public health interventions throughout the last 100 years and uses these interventions to develop strategies for current public health practice.

**PHS 35300 - Health Communication (3)**

This course emphasizes effective communication with a variety of public health stakeholders including consumers, family members, medical providers, community leaders, news media, policy makers, researchers and the general public. The fundamentals of public health communication will be explored. The vital role that public health communication plays in the success of new health care delivery structures, the implementation of health care reform and the adoption of advances in prevention, health promotion and emergency preparedness will be addressed. Public health communication innovations, tools, technologies, research and strategies will be examined.

**PHS 35500 - Introduction to Health Literacy (3)**

This course gives an overview of the issues surrounding low health literacy, including populations at risk. Effective strategies to improve health literacy including writing in plain language; health communication techniques; and organizational approaches are presented.

**PHS 36000 - Introduction to Epidemiology (3)**

This course introduces students to the basic science of public health and population health. The course will provide an

introduction to the different categories of epidemiology and types of epidemiological studies; and an overview of the disease transmission cycle.

**PHS 37000 - Health Promotion (3)**

This course explores information necessary to understanding factors that affect human health: health determinants, health indices, health behavior change theories, ethical issues and societal trends. Health promotion and behavior change theories are presented. Professional practice settings, health professions, roles and functions of health professionals and professional health organizations are examined.

**PHS 37500 - Lifecourse Perspective on Health (3)**

This course provides an introduction to life course theory and its application to public health, disease prevention and health promotion. The course provides a conceptual framework with which to understand the interrelationships among biological, psychological, and social factors which influence development and health.

**PHS 37600 - Advanced Epidemiology (3)**

This course provides an intermediate depth of knowledge in epidemiologic theory and methods. Concepts include: advanced understanding of epidemiologic and clinical study designs; knowledge of classical methods of statistical analyses of epidemiologic studies; an introduction to multivariate regression modeling for epidemiologic and clinical studies; and a foundation for statistical and causal inference.

**PHS 37700 - Advancing Health Literacy in Diverse Populations (3)**

This course is designed to examine and analyze issues of low health literacy in diverse populations. Measurement tools for assessing health literacy in diverse populations will be explored. Evidence-based strategies and challenges for improving health literacy in diverse populations will be addressed.

**PHS 37900 - Emergency Preparedness in Public Health (3)**

This course provides a comprehensive overview of public health emergency preparedness and response, including bioterrorism events and threats.

**PHS 38000 - Evidence-Based Practice in Public Health (3)**

This course explores the methodology used by public health professionals to develop informed decisions, policies, and programs in response to identified risks to population health. Students will have the opportunity to learn and apply the essential steps in evidence-based public health practice which include: finding data and scientific literature to identify effective interventions, weighing these options in recommending an approach to take, and then developing a programmatic response.

**PHS 38100 - Health Behavior Change (3)**

This course provides an overview of the health behaviors that contribute to disease development and premature death in the United States. The learner will have an opportunity to explore the behavioral and social science factors that influence health and disease, with an emphasis on relevant knowledge for helping individuals make better health-related decisions and changes in

their lives. The course explores these factors from the individual to the societal level.

**PHS 38200 - Biostatistics for the Health Sciences (3)**

This course explores biostatistics methodologies used in public health practice and research. Included are: measurement methods, descriptive statistics, confidence intervals and hypothesis testing, sample size and power calculations, analysis of variance and multiple comparisons; correlation and regression; multiple regression and statistical control of confounding; logistic regression; and survival analysis.

**PHS 38300 - Research Methods in Public Health (3)**

This course provides theory and applied experience with methods utilized in public health research and program evaluation.

**PHS 38400 - Environmental Health (3)**

This course explores the relationship of people to their environment and focuses on how environment impacts physical well-being. Environmental factors involved in transmission of communicable diseases and hazards due to exposure to chemical and physical materials in our environment will be examined.

**PHS 38500 - Biological Basis of Public Health (3)**

This course introduces students with no or minimal formal training in biological sciences to the field. An emphasis on application of biological sciences to significant public health problems will be provided. The course provides individuals with diverse backgrounds a working knowledge of how biomedical sciences influences our lives and shapes public health. Emphasis will be placed on disorders of public health relevance, including infectious and transmissible vectors, genetic disease and chronic disorders such as type II diabetes and obesity.

**PHS 38600 - Infectious and Communicable Disease Prevention (3)**

This course explores management and control of communicable diseases affecting human populations. Concepts covered include: communicable disease prevention, treatment, surveillance, management of outbreaks and epidemics, disease management, modes of transmission, vector ecology and environmental control in the domestic and international settings.

**PHS 38700 - Chronic Disease Prevention (3)**

This course explores management and control of chronic diseases affecting human populations. Concepts covered include: the historical context of chronic disease development in the U.S., chronic disease surveillance and monitoring, prevention, evidence-based strategies to reduce chronic disease in populations at risk.

**PHS 38800 - Money, Politics and Health Advocacy (3)**

This course explores how money, politics and advocacy intersect to shape public health policy and practice. The influence of special interest groups and lobbying on public health policy will be examined. Coalition-building and written and verbal advocacy tools as methods to influence public health policy will be addressed.

**PHS 41000 - Population Health Assessment & Diagnosis (3)**

This course is the first in a series of three courses to prepare the student to assess, implement, and evaluate community

intervention programs. This course introduces students to the formal process of community-based health assessment and diagnosis. The course includes community assessment concepts such as statistics on health status as well as tools and methods for the systematic collection, assembly, analysis, and interpretation of data related to the characteristics, resources, and health of the community.

**PHS 42000 - Global Health Supply, Organization & Finance (3)**

This course provides an overview of the socio-cultural and economic influences on global health with a focus on population-level variation in health and illness. The role of key organizations shaping international health will be examined. The structure and function of health care systems in developing and developed nations will be explored.

**PHS 43000 - Program Planning for Health Promotion and Prevention (3)**

This course is the second in a series of three courses to prepare the student to assess, implement, and evaluate community intervention programs. The course explores the concepts, theories, models and applications of program planning and evidence-based community level interventions. Models of community health program planning, implementation evaluation will be explored.

**PHS 44000 - Comparative Health Systems (3)**

This course examines the structure of health care systems in three different countries, focusing on financing, pricing and reimbursement, delivery systems and adoption of new technologies. The relative roles of private and public sector insurance and providers, and the effect of system design on cost, quality, efficiency and equity of medical services will be evaluated.

**PHS 45000 - Program Evaluation in Public Health (3)**

This course is the third in a series of three courses to prepare the student to assess, implement, and evaluate community intervention programs. The course explores models and procedures for evaluating community health programs. The theoretical foundations, design, implementation, efficacy, and effectiveness of selected public health interventions are examined. Practitioner competencies related to community health program evaluation are identified and explored.

**PHS 48000 - Capstone Seminar & Project I (3)**

This course, taken in the fall semester of the senior year, gives the student the opportunity to apply skills and knowledge gained in the public health program to an authentic public health problem or issue. The student will work with a community organization or agency and public health program faculty to identify and define a need or problem, find data to establish the magnitude of the problem within the population and identify evidence-based interventions aimed at reducing or ameliorating the problem.

**PHS 48200 - Capstone Seminar & Project II (3)**

This course, taken in the spring semester of the senior year, gives the student the opportunity to continue the work initiated in Capstone Seminar & Project I. The student will continue work with their selected community organization or agency and public

health program faculty to weigh the evidence-based options identified in Capstone I, select the best community-specific approach and develop a program or intervention based on best evidence.

## PHY - Physics

### PHY 11100 - Concepts of Physics (3)

(GE-PhysSci) This course is designed for non-science majors. Topics covered include force and motion, energy and matter, electricity and magnetism, heat, and sound. The treatment of these topics is largely nonmathematical and emphasizes their application in daily life. Offered: fall and spring semesters.

### PHY 11200 - Concepts of Physics Laboratory (1)

(GE-PhysSci) This course complements PHY 11100 and presents students an opportunity for hands-on experience of the topics covered in the lecture course. Concurrent enrollment in PHY 11100 is required. Lab fee required. Offered: fall and spring semesters.

### PHY 25100 - Introductory Physics I (4)

(GE-PhysSci) This course is an algebra-based treatment of mechanics including kinematics, vectors, Newton's laws, and conservation of energy and linear momentum. Other topics include rotational motion, moments of inertia, rotational energy, and angular momentum. This course also treats solids, fluids, waves, and sound. Lab fee required. Prerequisite: MTH 15200, MTH 17300 or MTH 27100. Offered: fall and spring semesters.

### PHY 25200 - Introductory Physics II (4)

(GE-PhysSci) This course is an algebra based treatment of thermodynamics, electricity and magnetism, including electric fields, Gauss's law, voltage, capacitors, inductors, Kirchhoff's laws, AC and DC circuits, and geometric and physical optics. Lab fee required. Prerequisite: PHY 25100. Offered: fall and spring semesters.

### PHY 30100 - General Physics I (4)

(GE-PhysSci) This course is a calculus based treatment of mechanics for science and engineering students, including kinematics, vectors, Newton's laws, and conservation laws for energy, linear momentum, and angular momentum. Other topics include equilibrium and elasticity, gravitation, fluids, simple harmonic oscillations, waves, and thermodynamics. Lab fee required. Prerequisite: MTH 27100. Offered: fall and spring semesters.

### PHY 30200 - General Physics II (4)

(GE-PhysSci) This course is a calculus based treatment of electromagnetism for scientists and engineers, including electric fields, Gauss's law, scalar potential fields, Maxwell's equations, electromagnetic oscillations, electromagnetic waves, and optics. Lab fee required. Prerequisite: PHY 30100. Offered: every spring semester.

### PHY 30300 - Modern Physics (3)

This course is a calculus-based survey of the important discoveries in 20th century Physics that focuses on special relativity, quantum mechanics, atomic and nuclear physics. Prerequisite: MTH 27200 and C or better in either CHM 47100 or PHY 30100. Offered: intermittently.

## PS - Public Affairs and Administration

### PS 15500 - American Government: The Nation (3)

(GE-AmGovHis) This course focuses on introducing students to the skills involved in political analysis. Attention is focused on examining key terms such as "democracy" and "politics" as well as providing students with an overview of American national government. Offered: fall and spring semesters.

### PS 15600 - American Government: The States (3)

(GE-AmGovHis) This course focuses on the role and function of state governments in our federal system. Attention is focused on providing students with an ability to analyze state governments through comparison, realizing that there are differences as well as similarities among the fifty states. Offered: fall and spring semesters.

### PS 30000 - Comparative Analysis (3)

(GE-CrsClt) This course focuses on providing students with different methods and approaches used in making political comparisons. Furthermore, students are shown how they can use these methods and approaches in the study of individual countries. Prerequisite: ENGL 17000; PS 15500, PS 15600, or HIS 15500. Offered: fall semester.

### PS 30100 - Comparative Public Policy (3)

This course focuses on the study of public policy issues in other countries as a way to provide insight into public policy topics within the United States. Prerequisite: ENGL 17000; PS 30000. Offered: intermittently.

### PS 30700 - Public Affairs: Writing and Reporting (3)

This course focuses on teaching students how to research and write as reporters. In addition, proper ways to conduct an interview will be covered. At the end of the course, students will be expected to present their public affairs papers as on-air essays on Lindenwood University's radio station (KCLC). This course is repeatable. Prerequisite: ENGL 17000; PS 15500, PS 15600, or HIS 15500. Offered: intermittently.

### PS 30800 - Debate (3)

This course is designed to teach students the basics of public policy analysis debate. The course is not just related to actual debates themselves but also the search for information behind the development of positions. Students are taught how to search the Internet and use it in substantive ways. Sometimes this course is also used to help students learn how to write op-ed pieces for the university's newspaper. This course is repeatable for credit. Prerequisite: ENGL 17000; PS 15500, PS 15600, or HIS 15500. Offered: intermittently.

### PS 31000 - Congress, the Presidency, and the Party System (3)

This course focuses on specific issues that help students develop a finer appreciation of the study of American national government. Topics examined include: Presidential Congressional relations, members of Congress and their world, political leadership, and the functions of political parties in elections and public policy. Prerequisite: ENGL 17000; PS 15500, PS 15600, or HIS 15500 Offered: fall semester of even numbered years.

**PS 31100 - American Constitutional Law (3)**

This course focuses on an in-depth examination of judicial review as well as a close look at different Supreme Court justices. Other topics examined include significant court cases, methods of evaluating liberal/conservative leanings of the court, the impact of the court on public policy, and the methods of constitutional interpretation. Prerequisite: ENGL 17000; PS 15500, PS 15600, or HIS 15500. Offered: fall semester of odd numbered years.

**PS 31500 - Policy Analysis Statistics (3)**

This course examines the use and abuse of statistics related to public policy issues. Use of government primary source data sites will be used to show how statistics can be used to explain and understand public policy issues. Students will generate their own charts and graphs using Microsoft Excel, drawing upon government data to generate their charts and graphs. Prerequisite: MTH 14100. Offered: fall semester.

**PS 32000 - Public Finance (3)**

This course focuses on public financial issues at the national, state, and local levels of government. Topics to be covered include taxation at all three levels of government, the role of the Federal Reserve Board, the impact of recession and economic recovery on public finances, and the financing of public programs. Prerequisite: a grade of C or better in MTH 14100; a grade of C or better in HIS 15500, PS 15500, or PS 15600. Offered: spring semester.

**PS 33050 - Political Economy (3)**

At the heart of political economy is a focus upon production and the use of labor and capital. Classical economic writers such as Adam Smith and David Ricardo, as well as more modern era writers such as Joseph Schumpeter and John Kenneth Galbraith, have addressed the relationship of labor and capital to production. These writers, as well as others, and various theories, such as utilitarianism, capitalism, socialism and "the new economy," will be addressed in this course. Offered: intermittently.

**PS 33500 - Public Administration (3)**

This course focuses on governmental operations, particularly focusing on federalism, regulatory policy-making and rule-making. In addition, governmental reforms (historical and contemporary) will be examined. Prerequisite: ENGL 17000; PS 15500, PS 15600, or HIS 15500. Offered: spring semester of odd numbered years.

**PS 34500 - Campaigns & Elections (3)**

While broad theme issues such as voting trends over time, realignment versus de-alignment, critical elections, the influence of the media (particularly television) on elections, and voter turnout are addressed, this course also focuses on the specifics of elections approaching or recently ended. By focusing on the recent elections, students can learn how to understand exit polls, the specific issues that are influencing or have influenced those elections, as well as the practical aspects associated with get out the vote drives. Prerequisite: ENGL 17000; PS 15500, PS 15600, or HIS 15500. Offered: fall semester of even numbered years.

**PS 36000 - Civil Liberties (3)**

This course focuses on both constitutional law and criminal justice issues related to civil liberties. In addition, students will

examine the relationship of civil liberties to public policy.

Prerequisite: ENGL 17000; PS 15500, PS 15600, or HIS 15500. Offered: fall semester of odd numbered years.

**PS 36500 - Appreciating Political Books (1-6)**

Students taking this course read books and learn how to take notes so that they can use them when discussing the books on a show ("Insight") filmed at the LUTV studio at Lindenwood. Students learn how to "present" themselves on TV and how to conduct a substantive exchange of opinions with other students. Each episode of this show is broadcast several times a semester. This course is repeatable since the books change each semester. Prerequisite: ENGL 17000; PS 15500, PS 15600, or HIS 15500. Offered: fall and spring semesters.

**PS 36700 - Directed Research (1-6)**

Students work with a department faculty member who will approve an appropriate topic that will lead to a research paper that demonstrates an ability on the part of the student to think and write clearly and analytically. This course can be repeated. Prerequisite: permission of dean. Offered: intermittently.

**PS 37500 - Public Affairs Forum (3)**

In this course a faculty member acts as a moderator and instructor. Depending upon the emphasis of the Public Affairs Forum, (e.g., county government efficiency, intergovernmental relations, state and local economic development), students will hear presentations by different practitioners and have the opportunity to ask questions. As assignments, students will write essays that compare and contrast the assigned readings with the course presentations. Prerequisite: ENGL 17000; PS 15500, PS 15600, or HIS 15500. Offered: intermittently.

**PS 45000 - Government Internship (1-6)**

Students can work in a political or public administrative environment and receive credit. Students interested in this internship are expected to keep a journal and write a lengthy research paper or several shorter papers related to the internship and keep in frequent touch with a faculty member who will be their mentor. This course can be repeated. Prerequisite: ENGL 17000; PS 15500, PS 15600, or HIS 15500. Offered: intermittently.

**PS 47500 - Governmental and Economic Research (3)**

At the heart of policy analysis research is the capability to draw upon, use, and interpret data. The federal government (as well as other levels of government and government-related organizations) releases data which can be used to provide policy analysis. Students will be shown how to find and use data such as Census data and data related to Leading Economic Indicators, as well as consumer and business data. This is the capstone course for Political Science and Public Administration majors. Prerequisite: ENGL 17000; PS 15500 or PS 15600 or HIS 15500; and at least one course at the PS 30000 or ECON 30000 level. Offered: spring semester.

**PSY - Psychology****PSY 10000 - Principles of Psychology (3)**

(GE-SocSci) This course is an exploration of basic psychological concepts, methods, and findings contributing to an understanding of human behavior. Offered: fall and spring semesters.

**PSY 10100 - Interactive Psychology (3)**

(GE-SocSci) Individual activities, group discussion, and a self-directed behavior change project facilitate self-awareness and personal growth. This course is designed for the non-psychology major. Offered: fall and spring semesters.

**PSY 20500 - Human Development (3)**

An overview of human development from conception through death. This course provides an introduction to the study of lifespan development focusing on physical, cognitive, and social development. Prerequisite: PSY 10000 and sophomore status. Offered: fall and spring semesters.

**PSY 20800 - Child Psychology (3)**

An introduction to factors influencing children's social, emotional, motor, cognitive, and language development from conception to late childhood. Prerequisite: PSY 10000. Offered: fall semester.

**PSY 21000 - Psychology of Parenting (3)**

Theories and research related to parenting are discussed, with a focus on their practical application. Topics include cultural influences on parenting, social expectations of parents, discipline, fostering healthy lifestyles for children, and parenting in special circumstances including divorce, work, foster families, and gay lesbian parents. Prerequisite: PSY 10000. Offered: fall semester.

**PSY 21500 - Careers in Psychology (3)**

This course orients students to the discipline of psychology. Topics include the history of psychology, the role of research in the field, and the range of specialty fields within the discipline. Provides guidance in the use of APA style and library databases, and explores careers related to the major. Prerequisite: PSY 10000. Offered: January term only.

**PSY 22000 - Health Psychology (3)**

An investigation of the psychological influences on health, illness, and the physical, behavioral, and cognitive adaptation to illness. The mind-body relationship is examined through topics including exercise, stress, weight control, pain management, meditation, coping styles, psycho-immunology, and behavioral habits. Prerequisite: PSY 10000 Offered: spring semester.

**PSY 23100 - Critical and Creative Thinking (3)**

An intensive experience leading to an understanding of the processes of problem-solving, creativity, and critical thinking. Students engage in activities through which they can explore and expand their own creativity in solving everyday problems encountered in management, decision-making, working, and living. Prerequisite: PSY 10000 and C or better in ENGL 17000. Offered: January Term only.

**PSY 23500 - Death and Dying (3)**

This course provides students with the opportunity to examine the nature of death societally, psychologically, medically, and

ethically. Hospice care, end-of-life decisions, suicide, homicide, terrorism, bereavement, and memorials will be explored. Special attention will be paid to the technological advancements in death education, grief counseling, and bereavement communities available online. Prerequisite: PSY 10000. Offered: fall semester.

**PSY 29000-29999 - Special Topics in Psychology (3)****PSY 30300 - Abnormal Psychology (3)**

This course is a survey of the major classes of mental disorders. Emphasis is on understanding symptoms, the complex interaction of factors related to mental disorders, and controversies in the field. Prerequisite: PSY 10000. Offered: fall and spring semesters.

**PSY 30400 - Basic Research Methods (3)**

This course explores the logic and methods of behavioral research. Students complete group research projects designed to reinforce pivotal concepts. Must be taken concurrent with PSY 30600. Prerequisite: PSY 10000, C or higher in MTH 14100 or MTH 24100, and one PSY, ANT, or SOC course above 10000-level. Offered: fall and spring semesters.

**PSY 30600 - Behavioral Science Statistics (3)**

(GE-Math) This course emphasizes the application of descriptive and inferential statistics in behavioral science research. Must be taken concurrently with PSY 30400. Prerequisite: PSY 10000, C or higher in MTH 14100 or MTH 24100, and one PSY, ANT or SOC course above 10000-level. Offered: fall and spring semesters.

**PSY 30800 - Psychology of Women (3)**

An exploration of historical, biological, sociological and multicultural factors involved in women's experiences around the world. Emphasis include gender similarities and differences, and topics relevant to females such as body image, victimization, physical and mental health, achievement and work. Theoretical perspectives and psychological research is examined to possibly explain women and gender differences. Prerequisite: PSY 20500 or SW 24000 and junior standing. Offered: fall semester of even numbered years.

**PSY 30900 - Personality (3)**

Explores core concepts in the field of personality, with emphasis on how those concepts are integrated into personality theories and how they are evaluated scientifically. Students apply these concepts in independent projects. Prerequisite: PSY 30300. Offered: Fall and Spring semesters.

**PSY 31100 - Behavior Modification (3)**

An exploration of environmental influences on human behavior, with an emphasis on behavior modification procedures and behavior management. Prerequisite: PSY 30400. Offered: fall semester.

**PSY 31200 - Psychology of Aging (3)**

Examines psychological development in later adulthood, emphasizing the internal and external influences on aging and the dynamics of continuity and change. Emotional, cognitive, and social functioning are addressed. Prerequisite: PSY 10000 and (PSY 20500 or SW 28000). Offered: spring semester.

**PSY 31300 - Psychology of Adolescence (3)**

A cultural approach to physical, intellectual, emotional, and social development during adolescence. Historical context and research are given special attention in studying the development of personal identity, changing roles in the family, school, and community, and problems of adjustment, delinquency, and drug abuse. Prerequisite: PSY 10000 and (PSY 20500 or SW 28000) and junior status. Offered: spring semester.

**PSY 32400 - Psychological Testing (3)**

Examines mental measurement theory and the principles of reliability, validity, and standardization as related to the construction and interpretation of tests. Tests of achievement, aptitude, intelligence, interest, and personality are studied as illustrations of the problems of measurement and the variety of solutions to those problems. Ethics of test use receives special consideration. Prerequisite: PSY 30300, PSY 30400, and PSY 30600 Offered: fall semester.

**PSY 32500 - Behavioral Neuroscience (3)**

This course examines the central nervous system, the development and function of nerve cells, and brain-behavior relationships. Topics include motivation, learning, sensation and perception, movement, emotions, and brain dysfunction. Prerequisite: PSY 10000 and two psychology courses at or above the 20000 level. Offered: spring semester.

**PSY 33000 - Psychology of Learning and Memory (3)**

This course investigates factors involved in acquiring and changing behaviors. Theories, models, and empirical findings in the field of learning and memory are explored. Prerequisite: C or higher in PSY 30400. Offered: fall semester.

**PSY 33100 - Cognitive Psychology (3)**

This course examines mental processes related to perception, attention, problem-solving, thinking, and decision making. Theories, concepts, and experimental methods in cognitive research are explored. Prerequisite: C or better in PSY 30400. Offered: intermittently.

**PSY 33200 - The Psychology of Motivation and Emotion (3)**

An analysis of the major theories of motivation, the data on which they are based, and applications of motivation concepts. Prerequisite: PSY 10000 and C or better in ENGL 17000. Offered: fall semester.

**PSY 33400 - Social Psychology (3)**

This course is a study of the individual's interrelationship with other people and social groups. Topics include social motivation, socialization, personal perception, liking and attraction, conformity, persuasion, attitude formation and change, prejudice, and mob and crowd behavior. Prerequisite: PSY 10000 and C or better in ENGL 17000. Offered: fall and spring semesters.

**PSY 34100 - Psychotherapy (3)**

An introduction to the theories, principles, and techniques of various current approaches to psychotherapy. Prerequisite: C or better in PSY 30900. Offered: spring semester.

**PSY 36500 - Human Sexuality (3)**

This course is a survey of theories and research on psychological aspects of human sexual behavior. Topics include male and

female sexual development, psychological and cross-cultural perspectives on sexual behavior, sexual behavior in special populations, aberrant sexual patterns, and current sexual trends in America. Prerequisite: PSY 10000 and ENGL 17000 with a grade of C or higher. Offered: spring semester only.

**PSY 39000-39999 - Special Topics in Psychology (3)****PSY 40400 - Advanced Research Methods (4)**

An advanced course in the techniques of behavior observation and analysis. Students design and conduct behavioral research, analyze their data, and present their findings to others. Strongly recommended for students planning to pursue graduate study in the social or behavioral sciences. Prerequisite: C or higher in both PSY 30400 and PSY 30600. Offered: Spring semester only.

**PSY 45000 - Psychology Practicum (3)**

This course provides opportunities for advanced students to explore applications of psychology in independently-arranged off-campus supervised practicum experiences. Practica require mastery of psychological concepts related to the designated situation. Prerequisite: Completion of WPA or ENGL 21000, minimum GPA of 3.0 in Psychology, junior standing and instructor permission. Not repeatable. Offered: fall and spring semesters.

**PSY 48000 - Independent Research (1-6)**

Students will plan, execute and report on a project in consultation with a faculty mentor. May be repeated for credit. Prerequisite: PSY 30400 and permission of instructor and dean.

**PSY 48300 - Senior Thesis (4)**

This is a course in which advanced students design, conduct, and write up a substantial original research project. Students are encouraged to present the results of their work at regional and/or national conferences. Prerequisite: Completion of WPA or ENGL 21000, a grade of B or better in PSY40400, instructor permission, and permission of the dean. Offered: fall and spring semesters.

**PSY 48500 - Senior Seminar (3)**

This course is a survey of the history of psychology and recent developments in various fields within the discipline. Learning from previous coursework is consolidated and integrated. Relationships between personal characteristics and career choices are explored. Professional issues and ethics are examined. Prerequisite: Completion of WPA or ENGL 21000, 18 credit hours in Psychology and senior standing. Offered: fall and spring semesters.

**REC - Recreation Administration****REC 10200 - Introduction to Recreation and Leisure Services (3)**

A course designed to provide a description and analysis of the total field of recreation and leisure necessary for an informed career choice. Historical and philosophical foundations of recreation and leisure as a profession will be explored with reference to the influences of recreation and park movements, technology, economic and community impact on leisure delivery systems. Offered: fall and spring semesters.

**REC 11300 - Wilderness Survival (2)**

This lecture and lab course will introduce students to basic emergency preparedness skills to enhance their preparation for participation in outdoor, life-time sports activities. The course includes a lecture and an overnight field experience simulating a survival situation. Lab fee required. Offered: intermittently.

**REC 12000 - Shotgun Shooting Skills (1)**

This lecture and lab course will expose the students to the basic knowledge, skills, and tools needed to enjoy the sport of recreational shotgun shooting. Topics to be covered will be safety, shotgun nomenclature, proper shooting stances, and proper shotgun shooting techniques. Lab fee required. Not open to students with credit in PE 11200. Offered: fall and spring semesters.

**REC 12100 - Muzzle Loading (1)**

This lecture and lab course introduces students to the life-time sport of black powder muzzle loader shooting. Students will be introduced to the history and development of early American firearms and their application as a tool for personal defense, providing food and recreational sport on the American frontier. Students will learn the basics of safely loading and shooting both flint-lock and percussion cap rifles. Lab fee required. Offered: fall and spring semesters.

**REC 12200 - Dutch Oven Cooking (1)**

This lecture and lab course introduces the student to the life-time activity of Dutch-oven cooking. Students will learn the history of the Dutch Oven, America's official open fire cooking vessel, and preparation of simple meals to include meats vegetables, soups, breads and desserts over an open fire or a fireplace hearth. The course will enhance ones understanding of frontier life and provide cooking skills for further enjoyment of the outdoors. Lab fee required. Offered: fall and spring semesters.

**REC 12400 - Casting and Angling (1)**

This lecture and lab course introduces students to the life-time sport of freshwater fishing using spinning and spin-cast reels with ultra-light and standard rods. Students will be introduced to techniques of catching large-mouth bass, bluegill, crappie and other species native to Missouri. The course includes a hands lab at an area lake or pond with an experienced instructor and guide. Lab fee required. Offered: fall and spring semesters.

**REC 12500 - Land Navigation (1)**

This lecture and lab course introduces the student to the life-time sport of land navigation. Students will be introduced to reading topographic maps and utilizing, standard compasses and Global Positioning Systems, (GPS). Students will participate in both classroom instruction and field exercises. Skills learned in the course will have both recreational and professional applications. Lab fee required. Not open to students with credit in PE 12200. Offered: fall and spring semesters.

**REC 12600 - Introduction to Team Building (1)**

This lecture and lab course is designed to give students a basic understanding of team building skills and activities that can be used to improve cohesion within a group. Students will learn and participate in twenty to thirty team building activities for improving trust, teamwork, confidence, goal setting, tolerance,

patience, and team success. Lab fee may be required. Offered: intermittently.

**REC 12700 - Hunting in Missouri (2)**

This lecture and lab course introduces students to the life-time sport of recreational hunting with a focus on hunting in Missouri. Instruction includes a strong emphasis on safety, ethics, laws and hunting techniques. Student will participate in field exercises to demonstrate proficiency in handling a firearm safely and responsibly. Students successfully completing the course will earn the Missouri Hunter Education certification card, required in all states and provinces in North America to purchase a hunting license. This course must have a minimum of 10 students or will be cancelled due to hunter safety policies and regulations. Lab fee required. Not open to students with credit in PE 16100. Offered: intermittently.

**REC 12800 - Caving (1)**

This lecture and lab course will teach the students the life-time sport of recreational caving. Students will be exposed to the basic knowledge, skills and tools needed for proper caving activities. Topics to be covered will be effective group leading, cave formation, biological life forms and geology, safety, proper equipment, and climbing techniques. There will be a lab portion to the class held at Meramec State Park. Lab fee required. Offered: fall and spring semesters.

**REC 13600 - Scuba (1)**

This course will teach students the basic knowledge of scuba diving with emphasis on risk and safety, equipment, group leadership, and planning for scuba diving expeditions. Lab fee required. Not open to students with credit IN PE 13600. Offered: intermittently.

**REC 13700 - Archery (1)**

This course will teach students the lifetime sport of archery. Students will learn basic knowledge and techniques needed for archery with emphasis on equipment selection and care, safety considerations, and techniques of shooting. Lab fee required. Not open to students with credit in PE 13700. Offered: intermittently.

**REC 14400 - Camping (1)**

This course will expose students to camping in the outdoors. Wilderness ethics, outdoor cooking, backpacking, and camp selection and clean-up will be taught and demonstrated. Overnight field trip required. Lab fee required. Not open to students with credit in PE 14400. Offered: intermittently.

**REC 14500 - Mountain Biking (1)**

This course will teach students the fundamentals of mountain biking and trail riding. Equipment selection, riding technique and safety will be examined and demonstrated. Students will need to provide their own bicycle for field trips. Field trips required. Lab fee required. Not open to students with credit in PE 14500. Offered: intermittently.

**REC 14600 - Backpacking (1)**

This course exposes students to backpacking and living/camping in the primitive outdoors. It will educate them in wilderness awareness/safety, outdoor ethics, cooking, campsite & campfire selection and clean-up, proper leadership practices & preparations

for backpacking and outdoors activities, introductory wilderness first aid concepts, and group leadership will be taught, shared, demonstrated and learned. Offered: Semester-Late Start.

**REC 14800 - Hiking (1)**

This course will introduce students to hiking in the outdoors. Emphasis will be on planning and preparing for hikes for individuals and group outings, safety, and outdoor ethics. Field trips required. Lab fee required. Not open to students with credit in PE 14800. Offered: intermittently.

**REC 14900 - Canoeing (1)**

This course will expose students to the fundamentals of canoeing. Emphasis will be on safety considerations, paddling technique, equipment and trip planning. Field trips required. Lab fee required. Not open to students with credit in PE 14900. Offered: intermittently.

**REC 15200 - Rock Climbing (1)**

This course will expose students to the fundamentals of rappelling. Students will be instructed on equipment selection, safety issues, knots, belaying, and climbing technique. Field trips required. Lab fee required. Not open to students with credit in PE 15200. Offered: intermittently.

**REC 15700 - Outdoor Leisure Pursuits (2)**

This course will expose students to a wide variety of recreational outdoor activities, the public and private entities that administer them and the changes that increasing demand will necessitate in the future. Group dynamics, Leave No Trace, Permits, and Leadership training will be covered in lecture and lab portions of the course to prepare students for future participation and leadership roles in outdoor activities. The course may include five to eight field trips and one over-night field trip. Lab fee required. Offered: fall and spring semesters.

**REC 19000-19999 - Special Topics in Recreation Administration (1-3)**

**REC 20100 - Fundamentals of Interpretation (3)**

This course will introduce the effective oral communication techniques to facilitate the interpretation of natural and cultural resources. Components include audience assessment, non-verbal communication, proper use of carriage and dynamics, and topic research and development. In addition, the course will discuss the use of these interpretation methods and techniques in planning and managing interpretative programs. Offered: fall and spring semesters.

**REC 20300 - Adventure Education and Leadership (3)**

This course includes the study of group dynamics and the team building process. Students will learn the facilitation process and a variety of leadership skills designed to deliver effective team initiative and cooperative experiential learning experiences. Briefing, debriefing, processing, activity sequencing, group development, communication strategies, and activity delivery will be the learning components discussed and experienced in this course. Not open to students with credit in PE 20300. Offered: intermittently.

**REC 20600 - Leisure in Contemporary Society (3)**

(GE-SocSci) This course will focus on conceptual foundations for understanding the role of leisure in the quality of life in America. The history of and expanding role of recreation and leisure in the United States will be explored with emphasis on factors influencing leisure, analysis of leisure values as related to individuals and society, and the study of historical significance of key events and individual contributions from cultural, psychological, individual, political, social, and economic points of view. Offered: fall and spring semesters.

**REC 21400 - Cultural Tourism (3)**

(GE-CrsCl) This course will examine the cultural characteristics that affect the tourism industry. An analysis of cross-cultural issues will be discussed as it pertains to tourists being exposed to culturally different societies, culture exchanges and interactions, and the influence of national cultures on the tourist as well as the locals.

**REC 22000 - Cooperative Educational Programs (2)**

This course is designed to prepare students for the professional world of recreation. Course discussion will include professional standards, ethics and evaluation of recreation organizations focusing on leadership and management skills. Students will demonstrate and practice developing a résumé, cover letters, a portfolio, references, related experiences and interviewing skills. Prerequisite: junior standing. Offered: fall semester.

**REC 24300 - Recreation Conferences and Associations (1)**

This course is designed to introduce the student to professional associations and the benefits of membership and attendance at conferences. The course will include attending a conference where students will be able to interact with practitioners and learn about current trends pertaining to the profession. Networking and session selection techniques will be discussed. Course can be repeated four times. Offered: intermittently.

**REC 28200 - Wilderness First Responder (3)**

This WFR certification course will cover the knowledge and skills needed to respond to backcountry medical and trauma situations. Emphasis will be on prevention and decision making in emergency situations in remote areas. Prerequisite: REC Chair permission. Offered: intermittently.

**REC 31000 - Foundations of Therapeutic Recreation (3)**

This course will introduce students to the inclusive recreation professions person-first philosophy and will outline the therapeutic recreation process as well as its model and modalities of practice. Students will examine trends and issues, looking at demographics, economics, politics, and legislation as they affect the profession. Students will also be exposed to intervention techniques from a number of perspectives including orthopedic and neurological impairment, developmental disabilities, mental health, youth development, aging and wellness. Students will be required to attend field trips to local recreation sites for hands on learning of the need for more inclusive sites in the local communities. Prerequisite: ENGL 17000. Offered: spring semester.



**REC 31200 - Sports and Society (3)**

This course explores American sports as it relates to Americans' current pursuits through recreational sports. The development of sports in America as leisure pursuits and eventually into the business sport model will be discussed with emphasis on overcoming social barriers and how professional and amateur sports influence recreational sports offered in public and nonprofit recreation agencies. Prerequisite: ENGL 17000. Offered: intermittently.

**REC 32300 - General Recreation Programming (3)**

This course is designed for the introduction of program planning in recreation settings. Programming models, intervention techniques, planning, marketing implementation and evaluation of recreation programs will be discussed. Prerequisite: REC 10200. Offered: intermittently.

**REC 32500 - Outdoor Recreation and Leadership (3)**

This course is designed for development of skills related to outdoor programming. Students will be exposed to technical, organizational, instructional and facilitative leadership skills that are essential for planning and leading outdoor recreational trips. Prerequisite: REC 10200, REC 11300 or NPA 10000. Offered: intermittently.

**REC 32600 - Outdoor Education (3)**

This course will expose students to the experiential learning process that takes place in the outdoors. The course will focus on environmental and conservation education, school camping, and wilderness therapy. Prerequisite: REC 10200, REC 11300 or NPA 10000. Offered: intermittently.

**REC 33300 - Program Design and Assessment in Recreation Therapy (3)**

This course provides detailed knowledge of the intervention planning process, including program or treatment plan design and development, programming considerations, types of programs, nature and scope of interventions, and selection of programs to achieve the assessed needs and desired outcomes of the person served. Prerequisite: REC 31000. Offered: intermittently.

**REC 34200 - Camp Management and Leadership (3)**

This course will provide students with an understanding of administrative and organizational practices in structured camp settings. Students will be exposed to the theory, practice, and challenges of program planning for youth development within the context of recreation camps. Not open to students with credit in CMS 30500. Prerequisite: CMS 12000, REC 10200, REC 11300, REC 12500, REC 20300, or REC 20600. Offered: intermittently.

**REC 36200 - Program Planning and Marketing (3)**

This course is designed for development of leadership programming skills for recreation programs in a variety of settings including: public, nonprofit and for profit sectors. Emphasis will be on activity selection, scheduling, marketing, staffing and evaluations. Students will also learn leadership skills through new and cooperative, competitive, and cooperative-competitive games and activities. Prerequisite: REC 10200, REC 20300, or NPA 10000. Offered: spring semester.

**REC 37000 - High Adventure Leadership Training (3)**

This course is a hands-on leadership experience that requires students to plan, organize, and lead a high adventure trips. The students will also learn about group dynamics in outdoor high adventure settings and how to incorporate the appropriate risk management measures. Prerequisite: REC 10200, REC 11300, or NPA 10000. Offered: intermittently.

**REC 38000 - Recreation and the Natural Environment (3)**

This historical overview of the use of natural environments will introduce students to the formal and informal settings of leisure and recreation involvement. The course will also explore the interrelationship among people and the environment. Prerequisite: REC 10200, REC 11300 or NPA 10000. Offered: intermittently.

**REC 38100 - Recreation Facility Design and Management (3)**

The principles of managing recreation sites and facilities will be studied. Selected urban parks, swimming facilities, and indoor and outdoor sports facilities will serve as examples of management strategies applications. Field trips required. Prerequisite: REC 10200, REC 20300, REC 32600 or NPA 10000. Offered: spring semester.

**REC 38200 - Practicum in Recreation (2-3)**

This course provides students with professional experiences in the field of recreation. Students will choose a recreation agency to work with to complete a wide variety of recreation duties in the field. A minimum of 50 hours must be completed per credit. The recreation agency must be approved by the instructor. Prerequisite: REC 10200. Offered: fall and spring semesters.

**REC 38300 - Recreational Sports Management (3)**

This course will teach the fundamental proficiencies to obtain basic skills in operating recreational sports programs. This will include risk and safety issues related to these skill areas. Prerequisite: REC 10200. Offered: intermittently.

**REC 40500 - Research and Evaluation in Recreation (3)**

This course is a survey of the development, evaluation, and application of research in recreation and leisure. The use and interpretation of statistical techniques in terms of strengths and weaknesses are considered. Not open to students with credit in HFS 30500. Lab fee required. Prerequisite: Successful completion of WPA or ENGL 21000 (concurrently). Offered: fall and spring semesters.

**REC 41000 - Recreation Organization and Administration (3)**

This course will provide a comprehensive overview of administrative aspects of recreation including financial management strategies and procedures. Leadership styles, employee development, volunteer management, evaluations, and safety issues; including lighting, heat illness, aquatics, playground equipment, drug abuse, and medical emergency plans will be discussed. Prerequisite: REC 10200 or NPA 10000. Offered: fall semester.

**REC 46200 - Recreation Senior Seminar (3)**

This course is designed to draw on the information and skills developed over the course of the recreation program. This course will serve to reinforce the integration of the concepts presented in recreation core courses including foundational concepts and

theories, programming, leadership, operations, marketing, administration, evaluation, and professionalism. Prerequisite: REC 36200 and REC 38200 Offered: fall semester.

**REC 47000 - Environmental and Historical Interpretation Methods (3)**

Students will be taught the development of effective techniques for interpretation of natural and cultural resources. Also discussed is the use of these interpretation methods and techniques in planning and managing an interpretive program. Required field trips. Prerequisite: AST 20300. Offered: intermittently.

**REC 47200 - Natural Resource Management (3)**

The principles and skills required for managing outdoor recreation sites and visitor systems where the natural environment provides the dominant attraction are introduced. Selected parks, resorts, camps, and preserves will serve as example applications of management functions and strategies. Includes required field trips. Prerequisite: REC 10200 Offered: intermittently.

**REC 47600 - Wilderness Institute (1-6)**

This pass/fail course is an intensive off site training through experiential programs with emphasis in wilderness backcountry skills; leadership and expedition behavior; risk assessment, management and decision making; and environmental studies, ethics, and leave no trace practices. This course can be satisfied by enrolling in any standard NOLS course. Fifty contact hours must be completed per credit hour. NOLS courses are considered 10 contact hours per day. Students must attain a NOLS grade of C or above in all four of the core areas to receive a passing grade. Prerequisite: REC 20600. Offered: intermittently.

**REC 48200 - Internship in Recreation (3-12)**

This course provides students with professional experiences in the field of recreation. Students will choose a recreation agency to work with to complete a wide variety of recreation duties in the field. Students enrolled in 3-8 credit hours must complete a minimum of 400 hours. Students enrolled in more than 8 credit hours must complete an additional 50 hours per credit beyond 8. The recreation agency must be approved by the instructor. Prerequisite: Instructor Approval, junior standing, and REC 36200. Offered: fall and spring semesters.

**REC 49000-49999 - Special Topics in Recreational Administration (1-3)**

**REL - Religion**

**REL 15000 - World Religions (3)**

(GE-Phl-Rel/CrsClt) This course aims at familiarizing the student with the great religious traditions of the world. Specific attention is given to Hinduism, Buddhism, Taoism, Confucianism, Judaism, Christianity, and Islam. Offered: fall and spring semesters.

**REL 17500-17599 - Study Abroad (5)**

The Study Abroad courses are offered at York St. John University. See the director of the religion study abroad program for specific information. Study abroad Offered: fall and spring semesters. Prerequisite: REL 15000; REL 20100; ENGL 17000 with a C or better; junior or senior standing; 2.5 GPA; and

permission of dean Offered: Study Abroad offered Fall and Spring semesters.

**REL 17501 - Study Abroad: The Sikh Tradition (5)**

This course is offered at York St. John University. See the director of the religion study abroad program for specific information. Prerequisite: REL 15000; REL 20100; ENGL 17000 with a C or better; junior or senior standing; 2.5 GPA; and permission of the dean

**REL 17502 - Study Abroad: New Age and Pagan Spiritualities (5)**

This course is offered at York St. John University. See the director of the religion study abroad program for specific information. Prerequisite: REL 15000; REL 20100; ENGL 17000 with a C or better; junior or senior standing; 2.5 GPA; and permission of the dean

**REL 17503 - Study Abroad: Introduction to Islam (5)**

This course is offered at York St. John University. See the director of the religion study abroad program for specific information. Prerequisite: REL 15000; REL 20100; ENGL 17000 with a C or better; junior or senior standing; 2.5 GPA; and permission of the dean

**REL 17504 - Study Abroad: Jewish Belief and Practice (5)**

This course is offered at York St. John University. See the director of the religion study abroad program for specific information. Prerequisite: REL 15000; REL 20100; ENGL 17000 with a C or better; junior or senior standing; 2.5 GPA; and permission of the dean

**REL 17505 - Study Abroad: Philosophy and Religion (5)**

This course is offered at York St. John University. See the director of the religion study abroad program for specific information. Prerequisite: REL 15000; REL 20100; ENGL 17000 with a C or better; junior or senior standing; 2.5 GPA; and permission of the dean

**REL 20100 - History of Christianity (3)**

(GE-Phl-Rel) This course surveys the origins, development, theology, and practices of Christianity from a historical, developmental perspective. Attention will be given to the major movements, figures, and concepts within Christian history such as: the doctrines of the Trinity and of Jesus Christ, Saint Augustine of Hippo, the historical differences between Western and Eastern Christianity, the development of the central rituals and practices of Christianity, the Reformation, and Christianity in the modern world. Offered: fall and spring semesters.

**REL 20200 - Religion in America (3)**

(GE-Phl-Rel) This course is an overview of the history and development of the major religious traditions in the United States, beginning with the Puritans and concluding with contemporary religious movements. Included are the beliefs, programs, and organizations of the major Protestant denominations, the Roman Catholic Church, and Judaism, along with ethno-religious groupings, ecumenical movements, and church-state relations. Offered: spring semester.

**REL 21000 - Old Testament (3)**

(GE-Phl-Rel) This course is an introduction to the analytical (or "critical") study of the Old Testament, which assumes no particular denominational or faith standpoint. The course familiarizes students with the content of the Old Testament, by teaching them to use reasoning abilities and the methods developed by modern critical scholars to understand that content. Prerequisite: ENGL 15000 Offered: fall semester.

**REL 21100 - New Testament (3)**

(GE-Phl-Rel) This course is an introduction to the analytical (or "critical") study of the New Testament, which assumes no particular denominational or faith standpoint. The course familiarizes students with the content of the New Testament by teaching them to use reasoning abilities and the methods developed by modern critical scholars to understand that content. Prerequisite: ENGL 15000 Offered: spring semester.

**REL 22200 - Amusements and American Religion (3)**

(GE-Phl-Rel) This course will be the study of religion, amusements and American popular culture and the move from Puritanism to "Prurientism" from 1776 to 1926. Paralleling and supporting the Religion in America course, this course will look at the progression of entertainment in America from the austere Puritan founders to the flouting of morals in the Roaring Twenties. Prerequisite: ENGL 15000 Offered: intermittently.

**REL 23000 - Introduction to Asian Religions (3)**

(GE-CrsClt) This course is designed to provide students with a basic understanding of the ideas, practices, texts, and social institutions of the major historical and contemporary religious traditions of Asia. The course focuses on the more prominent Asian religions such as Hinduism, Buddhism, Confucianism, and Taoism; but may also attend to Jain, Sikh, and Shinto traditions as time permits. The class may conduct field visits during the semester to acquaint students with the variety of Asian religions in America. Offered: intermittently.

**REL 27500-27599 - Study Abroad (5)**

The Study Abroad courses are offered at York St. John University. See the director of the religion study abroad program for specific information. Study abroad Offered: fall and spring semesters. Prerequisite: REL 15000; REL 20100; ENGL 17000 with a C or better; junior or senior standing; 2.5 GPA; and permission of the dean

**REL 27501 - Study Abroad: Religion and Human Diversity (5)**

This course is offered at York St. John University. See the director of the religion study abroad program for specific information. Prerequisite: REL 15000; REL 20100; ENGL 17000 with a C or better; junior or senior standing; 2.5 GPA; and permission of the dean

**REL 27502 - Study Abroad: Religions of East Asia (5)**

This course is offered at York St. John University. See the director of the religion study abroad program for specific information. Prerequisite: REL 15000; REL 20100; ENGL 17000 with a C or better; junior or senior standing; 2.5 GPA; and permission of the dean

**REL 27503 - Study Abroad: Issues in Contemporary Judaism (5)**

This course is offered at York St. John University. See the director of the religion study abroad program for specific information. Prerequisite: REL 15000; REL 20100; ENGL 17000 with a C or better; junior or senior standing; 2.5 GPA; and permission of the dean

**REL 27504 - Study Abroad: From Descartes to Irigaray—Philosophers and Religion (5)**

This course is offered at York St. John University. See the director of the religion study abroad program for specific information. Prerequisite: REL 15000; REL 20100; ENGL 17000 with a C or better; junior or senior standing; 2.5 GPA; and permission of the dean

**REL 27505 - Study Abroad: Theology—Action and Reflection (5)**

This course is offered at York St. John University. See the director of the religion study abroad program for specific information. Prerequisite: REL 15000; REL 20100; ENGL 17000 with a C or better; junior or senior standing; 2.5 GPA; and permission of the dean

**REL 27506 - Study Abroad: Buddhism in India and South East Asia (5)**

This course is offered at York St. John University. See the director of the religion study abroad program for specific information. Prerequisite: REL 15000; REL 20100; ENGL 17000 with a C or better; junior or senior standing; 2.5 GPA; and permission of the dean

**REL 27507 - Study Abroad: Texts and Practices in Hindu Traditions (5)**

This course is offered at York St. John University. See the director of the religion study abroad program for specific information. Prerequisite: REL 15000; REL 20100; ENGL 17000 with a C or better; junior or senior standing; 2.5 GPA; and permission of the dean

**REL 27508 - Study Abroad: Engaging with Philosophical Texts (5)**

This course is offered at York St. John University. See the director of the religion study abroad program for specific information. Prerequisite: REL 15000; REL 20100; ENGL 17000 with a C or better; junior or senior standing; 2.5 GPA; and permission of the dean

**REL 27509 - Study Abroad: Religion and Education (5)**

This course is offered at York St. John University. See the director of the religion study abroad program for specific information. Prerequisite: REL 15000; REL 20100; ENGL 17000 with a C or better; junior or senior standing; 2.5 GPA; and permission of the dean

**REL 28000-28099 - Selected Topics in Religion (3)**

(GE-Phl-Rel) This course consists of concentrated work with topics relevant to the study of religion. This course may be repeated for different topics. Prerequisite: ENGL 15000 Offered: intermittently.

**REL 28100-28199 - Selected Topics in Religion (3)**

(GE-Phl-Rel/CrsClt) This course consists of concentrated work with topics relevant to the study of religion. This course may be repeated for different topics. Prerequisite: ENGL 15000 Offered: intermittently.

**REL 28200-28299 - Selected Topics In Religion (3)**

This course consists of concentrated work with topics relevant to the study of religion. This course may be repeated for different topics. Prerequisite: ENGL 15000 Offered: intermittently

**REL 30000 - Religion, Science, and Faith (3)**

(GE-Phl-Rel) This course is an overview of the dialogue between science and religion. Although the material will generally be limited to science and its relation to Judeo-Christian thought and perspective, reference will be made to other faith traditions. Discussion will include the following topics: relationship of science and Christianity, problems of reductionism in science and religion, understanding human nature and the role of religion, and philosophical and theological views of evolutionary science. Prerequisite: ENGL 17000 or HIS 10000 or three credit hours of philosophy (PHL 10200 or higher) or three credit hours of religion (REL 15000 or higher) or permission of dean. Offered: spring semester.

**REL 30500 - The Psychology of Religion (3)**

(GE-Phl-Rel) This course is an overview of the field of psychological study of religion and its impact on the individual and will provide an overview of psychological research in the areas of faith development, conversion experiences, religion/ personality/ mental health, and religious development from early childhood through old age. Prerequisite: ENGL 17000 or HIS 10000 or three credit hours of philosophy (PHL 10200 or higher) or three credit hours of religion (REL 15000 or higher) or permission of dean. Offered: fall semester.

**REL 31000 - Islam and the West (3)**

(GE-Phl-Rel/CrsClt) This course is a detailed examination of the social history, theology, and philosophy of Islam that gives particular attention to questions about the relationship between the various Islamic and Modern Western cultures. It addresses topics such as the origins of Islam, Islam's historic encounters with the West, and the rise and development of Modernity. Special attention is given to contemporary attitudes in the West towards Islam, Islamic attitudes towards Western society, and the various movements within contemporary Islam. Prerequisite: ENGL 17000 or HIS 10000 or three credit hours of philosophy (PHL 10200 or higher) or three credit hours of religion (REL 15000 or higher) or permission of dean. Offered: fall semester of even numbered years

**REL 31800 - Asian Myth and Religion (3)**

(GE-Phl-Rel/CrsClt) This course is an advanced seminar on the mythology and religious intellectual traditions of Asia. The course will focus on the major Asian religions such as Hinduism, Buddhism, Confucianism, and Taoism, and emphasis may vary each time the course is offered. Prerequisite: ENGL 17000 or HIS 10000 or three credit hours of philosophy (PHL 10200 or higher) or three credit hours of religion (REL 15000 or higher) or permission of dean. Offered: fall semester of odd numbered years

**REL 32000 - The Christian Faith (3)**

(GE-Phl-Rel) This course is an examination of the great foundational teachings of the Christian faith. Topics may include the nature of God, creation, salvation, the person and work of Christ, the church, and the end times. Attention will be given to the history of the development of doctrine, to contemporary theological discussion of these teachings, and to both Protestant and Roman Catholic perspectives. Prerequisite: ENGL 17000 or HIS 10000 or three credit hours of philosophy (PHL 10200 or higher) or three credit hours of religion (REL 15000 or higher) or permission of dean. Offered: spring semester of odd numbered years.

**REL 32600 - Faith and Reason (3)**

(GE-Phl-Rel) This course examines the relationship between faith and reason in Western intellectual traditions. Students will read widely in these traditions to develop their own sense of the whole, while discussion will include topics such as: the place of reason in religious discourse; scriptural reasoning; the relationship between faith, reason, and moral action; the contrast between reason and revelation as sources of knowledge; modern philosophy of religion; and the future of religious belief in a secular age. Prerequisite: ENGL 17000 or HIS 10000 or three credit hours of philosophy (PHL 10200 or higher) or three credit hours of religion (REL 15000 or higher) or permission of dean. Offered: spring semester of even numbered years.

**REL 33000 - Religious Upheaval in 16th Century Europe (3)**

(GE-Phl-Rel) This course examines the rapid change in religious thought and practice that occurred during the European Reformation, while also placing these developments in the context of the Late Middle Ages by considering how historical events and earlier writings may have influenced those thinkers, what the historic impact of their ideas has been, and how Roman Catholicism responded to the Reformation at the Council of Trent. The course may cover individuals such as Thomas Aquinas, Gabriel Biel, Martin Luther, Desiderius Erasmus, Ulrich Zwingli, John Calvin, and others. Prerequisite: ENGL 17000 or HIS 10000 or three credit hours of philosophy (PHL 10200 or higher) or three credit hours of religion (REL 15000 or higher) or permission of dean. Offered: fall semester of even numbered years.

**REL 33500 - Christianity, Ethics and Modern Society (3)**

(GE-Phl-Rel) This course serves as an introduction to Christian ideals of moral conduct and formation, community life, and modern disputes over the interpretation and application of these ideals. The course takes up questions such as: what do Christian beliefs and moral concepts imply about issues related to feminism, racism, economic practices, and pluralism? Are traditional Christian virtues and principles at odds with modern liberal democracy and its values rooted in post-enlightenment concepts of human rights, equality, and freedom The first half of the course will cover the history of Christian ethics. In the second half emphasis will be placed on a series of case studies covering contemporary social, political, and economic problems such as: marriage, homosexuality, abortion, bioethics, capital punishment, just war, the environmental crisis, and religion in the public square. Prerequisite: ENGL 17000 or HIS 10000 or three credit

hours of philosophy (PHL 10200 or higher) or three credit hours of religion (REL 15000 or higher) or permission of dean Offered: spring semester of even-numbered years only.

**REL 37500-37599 - Study Abroad (5)**

The Study Abroad courses are offered at York St. John University. See the director of the religion study abroad program for specific information. Study abroad Offered: fall and spring semesters. Prerequisite: REL 15000; REL 20100; ENGL 17000 with a C or better; junior or senior standing; 2.5 GPA; and permission of the dean

**REL 37501 - Study Abroad: Religion, Writing and the Creative Imagination (5)**

This course is offered at York St. John University. See the director of the religion study abroad program for specific information. Prerequisite: REL 15000; REL 20100; ENGL 17000 with a C or better; junior or senior standing; 2.5 GPA; and permission of the dean

**REL 37502 - Study Abroad: Islam in the Modern World (5)**

This course is offered at York St. John University. See the director of the religion study abroad program for specific information. Prerequisite: REL 15000; REL 20100; ENGL 17000 with a C or better; junior or senior standing; 2.5 GPA; and permission of the dean

**REL 37503 - Study Abroad: Religion and the Visual Arts (5)**

This course is offered at York St. John University. See the director of the religion study abroad program for specific information. Prerequisite: REL 15000; REL 20100; ENGL 17000 with a C or better; junior or senior standing; 2.5 GPA; and permission of the dean

**REL 37504 - Study Abroad: Engaging in Theology (5)**

This course is offered at York St. John University. See the director of the religion study abroad program for specific information. Prerequisite: REL 15000; REL 20100; ENGL 17000 with a C or better; junior or senior standing; 2.5 GPA; and permission of the dean

**REL 38000-38099 - Selected Topics in Religion (3)**

(GE-Phl-Rel) This course consists of concentrated work with topics relevant to the study of religion. This course may be repeated for different topics. Prerequisite: ENGL 17000 or HIS 10000 or three credit hours of philosophy (PHL 10200 or higher) or three credit hours of religion (REL 15000 or higher) or permission of dean. Offered: intermittently.

**REL 38100-38199 - Selected Topics in Religion (3)**

(GE-Phl-Rel/CrsClt) This course consists of concentrated work with topics relevant to the study of religion. This course may be repeated for different topics. Prerequisite: ENGL 17000 or HIS 10000 or three credit hours of philosophy (PHL 10200 or higher) or three credit hours of religion (REL 15000 or higher) or permission of dean. Offered: intermittently.

**REL 38200-38299 - Selected Topics In Religion (3)**

This course consists of concentrated work with topics relevant to the study of religion. This course may be repeated for different topics. Prerequisite: ENGL 17000 or HIS 10000 or three credit hours of philosophy (PHL 10200 or higher) or three credit hours

of religion (REL 15000 or higher) or permission of dean. Offered: intermittently.

**REL 40000 - Senior Project (3)**

This course is the capstone course for Religion majors that consists of three parts: (1) a course of reading that addresses seminal and challenging texts in the study of religion; (2) an in-depth research paper over a topic chosen in consultation with the advising faculty member and the Department of Religion; and (3) presentation of the student's research findings at a Department of Religion symposium. Prerequisite: Religion major, senior standing, and permission of the Department of Religion. Offered: As needed.

**REL 47500-47599 - Advanced Study-Aquinas (5)**

The courses are offered at Aquinas Institute of Theology. See the Department of Religion faculty for specific information. Advanced Study Offered: fall and spring semesters. Prerequisite: REL 15000, REL 20100, REL 20200, REL 32600, REL 33500, ENGL 17000 with a C or better, junior or senior standing, 3.0 GPA, and permission of the dean

REL 47501 - Advanced Study-Aquinas: Proseminar (5)

Prerequisite: REL 15000, REL 20100, REL 20200, REL 32600, REL 33500, ENGL 17000 with a C or better, junior or senior standing, 3.0 GPA, and permission of the dean

REL 47502 - Advanced Study-Aquinas: Bible Interpretation (5)

Prerequisite: REL 15000, REL 20100, REL 20200, REL 32600, REL 33500, ENGL 17000 with a C or better, junior or senior standing, 3.0 GPA, and permission of the dean

REL 47503 - Advanced Study-Aquinas: Church History I (5)

Prerequisite: REL 15000, REL 20100, REL 20200, REL 32600, REL 33500, ENGL 17000 with a C or better, junior or senior standing, 3.0 GPA, and permission of the dean

REL 47504 - Advanced Study-Aquinas: Church History II (5)

Prerequisite: REL 15000, REL 20100, REL 20200, REL 32600, REL 33500, ENGL 17000 with a C or better, junior or senior standing, 3.0 GPA, and permission of the dean

REL 47505 - Advanced Study-Aquinas: Introduction to Theology and Theological Method (5)

Prerequisite: REL 15000, REL 20100, REL 20200, REL 32600, REL 33500, ENGL 17000 with a C or better, junior or senior standing, 3.0 GPA, and permission of the dean

REL 47506 - Advanced Study-Aquinas: The Use of Philosophy in Theology (5)

Prerequisite: REL 15000, REL 20100, REL 20200, REL 32600, REL 33500, ENGL 17000 with a C or better, junior or senior standing, 3.0 GPA, and permission of the dean

**RTAIL - Retail Management**

**RTAIL 15510 - Introduction to Retailing (3)**

This is an introductory course designed to familiarize the student with the relationships between industries and services that comprise the field of retailing. Topics to be covered include product development, retail distribution, store planning, promotional activities, merchandising practices, organizational

structure, and expense controls. Offered: fall and spring semesters.

**RTAIL 25520 - Retail Communications (3)**

This course introduces students to a variety of marketing and promotional strategies in the retail industry. The course is designed to help students understand and examine the promotional mix and the role and structure of promotion in retail. Topics to be covered include trade and national and retail advertising methods. Offered: fall and spring semesters.

**RTAIL 31200-31299 - Directed Studies in Retail Management (3)**

An independent structured learning experience will be developed to ensure students' knowledge and competencies are achieved in selected topics. Areas of specific need will be pursued to supplement normal classroom instruction. Prerequisite: Permission of the instructor and dean of the School of Business & Entrepreneurship. Also required is the successful completion of the Writing Proficiency Assessment (WPA) or ENGL 21000. Offered: By arrangement only.

**RTAIL 35530 - Retail Buying (3)**

This is an intermediate course in which students will analyze the buying function and the buyer's role in various retail organizations. Particular emphasis will be given to the buyer's responsibilities regarding consumer research, merchandising and management, domestic and foreign resources, and purchase negotiation. Prerequisite: a grade of C or better in RTAIL 15510. Also required is the successful completion of the Writing Proficiency Assessment (WPA) or ENGL 21000. Offered: fall semester.

**RTAIL 35535 - Survey of Retail Operations (3)**

This course is designed to strengthen the student's understanding of the strategic framework of operational functions of retail firms. Topics to be covered include store management, market functions, business organization, and personnel. The course is designed to teach students how to analyze retail operations with regard to target markets, locations, and resource restrictions. Prerequisite: a C or better in RTAIL 15510 or MRKT 35010. Also required is the successful completion of the Writing Proficiency Assessment (WPA) or ENGL 21000. Offered: spring semester.

**RTAIL 39000-39999 - Special Topics in Retail Management (1-3)**

**RTAIL 41200-41299 - Directed Studies in Retail Management (3)**

An independent structured learning experience will be developed to ensure students' knowledge and competencies are achieved in selected topics. Areas of specific need will be pursued to supplement normal classroom instruction. Prerequisite: Permission of the instructor and dean of the School of Business & Entrepreneurship. Also required is the successful completion of the Writing Proficiency Assessment (WPA) or ENGL 21000. Offered: By arrangement only.

**RTAIL 45540 - Retail Merchandising Control (3)**

This course is designed to provide an in-depth study of merchandising functions and control problems encountered in retailing. Topics to be covered include merchandise mixes, retail pricing, inventory management, cost controls, markup/markdown usage, and managing so as to meet profitability objectives. Particular emphasis will be given to analysis of profit and loss statements in determining retail profitability. Prerequisite: a grade of C or better in RTAIL 15510 and MTH 14100, MTH 14200, MTH 15100, MTH 15200, MTH 17500, MTH 24100, MTH 27100 or MTH 27200. Also required is the successful completion of the Writing Proficiency Assessment (WPA) or ENGL 21000. Offered: spring semester.

**RTAIL 45595 - Internship (1-9)**

The Internship Program is designed to expose the student to a variety of practical business environments. This exposure will permit the student to observe and experience firsthand how businesses function in today's society. Prerequisite: permission of the dean, faculty advisor, and internship coordinator, junior standing, and a cumulative GPA of 2.50 overall and a cumulative GPA of 3.0 in all required degree courses. Also required is the successful completion of the Writing Proficiency Assessment (WPA) or ENGL 21000. Offered: fall and spring semesters.

**RTAIL 49000-49999 - Special Topics in Retail Management (1-3)**

**SCI - Natural Science**

**SCI 21200 - History of Science (3)**

The course covers the history of the development of science from its recorded beginnings to modern times. An emphasis on the development of the scientific method throughout history, as well as some discussion of scientific ethics will be presented. Offered: intermittently.

**SCI 21400 - Ethical Problems in Science (3)**

(GE-BioSci) This course must be taken concurrently with CHM 10500 & BSC 11400. This course considers how advances in human technological capabilities pose problems for human societies. The course will focus primarily on threats to human and ecosystem health. Students will evaluate scientific data, the sometimes conflicting interpretations of those data, and their implications for public policy. Corequisite: BSC 11400 & CHM 10500. Offered: intermittently.

**SOC - Sociology**

**SOC 10200 - Basic Concepts of Sociology (3)**

(GE-SocSci) Students are introduced to the basic concepts and theories of sociology as the scientific study of human society. The course includes such topics as collective behavior, socialization, culture, stratification, social institutions, social control, globalization, and social change. Offered: fall and spring semesters.

**SOC 20600 - Introduction to Social and Cultural Research Methods (4)**

This course will introduce students to various methods of studying culture and society. Students will learn how to prepare research proposals and how to prepare and use a variety of

research instruments. Students will learn how to use various forms of quantitative and qualitative analysis. Students will apply what they have learned during Saturday "field days" under the guidance of their professor. Prerequisite: ANT 10000 or SOC 10200 Offered: Fall semesters of odd numbered years Cross-Listed as: ANT 20600

### **SOC 21400 - The Family (3)**

(GE-SocSci) This course is an exploration of the interpersonal dynamics of family life, the variation in family structure and function in different social classes and cultures. Offered: every spring semester.

### **SOC 22200 - Social Problems (3)**

This course is a survey of a number of problems often common to the modern world. The relation of these problems to such sociological variables as values, social class, gender, race, and ethnicity is explored. Prerequisite: SOC 10200. Offered: fall semester.

### **SOC 24000 - The Sociology of Gender Roles (3)**

(GE-SocSci) This course addresses the impact of gender roles on everyday life in society. Students examine gender in relation to stratification, equity, lifestyle, and social interaction across cultures. Prerequisite: ENGL 17000. Offered: every spring semester of odd numbered years.

### **SOC 31500 - Alcohol, Drugs, and Society (3)**

This course is a focus on the social forces that surround and contribute to the definition of drugs and alcohol use and abuse. The various legal and other responses to drug use and abuse are also considered. Prerequisite: ANT 11200 or PSY10000 or SOC 10200 and junior standing. Offered: intermittently.

### **SOC 31800 - Race, Ethnicity, and Gender: A Global Perspective (3)**

(GE-CrsClt) This course focuses on patterns of race, ethnic, and gender relations throughout the world. Selected issues in contemporary race, ethnic, and gender relations in American society are examined. Prerequisite: junior standing and ANT 10000, ANT 11200 or SOC 10200. Offered: fall and spring semesters. Cross Listed as ANT 31800.

### **SOC 32100 - Urban Sociology (3)**

This course is an examination of various features of urban life. This includes both physical features of cities as well as the sort of social interactions common to urban life. Prerequisite: ANT 11200 or SOC 10200 and junior standing. Offered: in fall semester of odd numbered years.

### **SOC 32200 - Social Deviance (3)**

This course is a consideration of a variety of norm violations, as manifested in thought and appearance as well as behavior. Explanations of deviance and the responses to it are also examined. Prerequisite: ANT 11200 or CJ 11000 or PSY 10000 or SOC 10200 and junior standing. Offered: every fall semester.

### **SOC 32400 - Social Interaction in Everyday Life (3)**

This course will examine the social routines and encounters that typify everyday life from the viewpoint of social psychology and especially the dramaturgical framework of Erving Goffman. Analysis will be given to cultural rules and expectations,

explicitly stated or widely understood, that shape social action. Although the focus and level of analysis is generally microsociological, such larger structural issues as race, class, gender, and the like will be considered as an important part of the stage upon which social action is carried out. Prerequisite: One previous course in ANT, CJ, PSY, or SOC and junior standing. Offered: in fall semester of even numbered years.

### **SOC 40000 - Field Study (3)**

Students will be involved in conducting field research in sociology. Prerequisite: Completion of WPA or ENGL 21000, SOC 10200 and ANT42000 or SOC 42000 and junior standing. Offered: intermittently.

### **SOC 42000 - Sociocultural Theory (3)**

This course is a survey introduction to the history and contemporary developments in anthropological and sociological theory. The emphasis is on European and early American theorists who had a strong impact on contemporary anthropology and sociology. Prerequisite: junior standing and ANT 11200 or SOC 10200, and completion of WPA or ENGL 21000. Offered: spring semester of even numbered years. Cross-Listed as: ANT 42000.

### **SOC 45000 - Internship in Sociology (3-9)**

Students will do an internship in a private or public institution or agency with a sociological focus. Prerequisite: Completion of WPA or ENGL 21000, SOC 10200 and junior standing. Offered: intermittently.

### **SOC 48900 - Honors Project (6)**

Students will do a specialized in-depth research project with a sociological focus. Prerequisite: Completion of WPA or ENGL 21000, SOC 10200 and junior standing. Offered: intermittently.

## **SPA - Spanish**

### **SPA 10100 - Elementary Spanish I (3)**

(GE-ForLang) This course is an introduction to the fundamentals of the Spanish language and culture through reading, writing, speaking, and listening. Offered: fall and spring semesters.

### **SPA 10200 - Elementary Spanish II (3)**

(GE-ForLang) This course is a continuation of the 10000-level sequence, in which students deepen their knowledge of Spanish language and culture and further develop reading, writing, speaking, and listening skills. Prerequisite: SPA 10100 or permission of dean. Offered: fall and spring semesters.

### **SPA 20100 - Intermediate Spanish I (3)**

(GE-ForLang) Through this course students will further develop their language skills and advance their understanding of Hispanic cultures through discussions, readings, and written work. Prerequisite: SPA 10200 or permission of dean. Offered: fall and spring semesters.

### **SPA 20200 - Intermediate Spanish II (3)**

(GE-ForLang) This review course is designed to further give the student a command of basic grammatical structures and to increase vocabulary and fluency through reading and through oral and written analysis of short literary and cultural selections.

Prerequisite: SPA 20100 or permission of dean. Offered: fall and spring semesters.

**SPA 20300 - Intermediate Spanish Composition and Reading (3)**

(GE-CrsCl) This intensive composition course, taken in Costa Rica, is designed to develop and enrich the student's writing skills in Spanish through practical applications of writing, reading and editing skills. Prerequisite: SPA 20100; student must consult with program director for placement. Offered: spring semester.

**SPA 23000 - Travel Experience in Spanish-Speaking Nations (3)**

(GE-CrsCl) This course is designed to offer the student the opportunity to experience and learn firsthand about the many aspects of life in Spanish-speaking nations. Several places of historical, cultural, and social importance will be visited. Location will be announced in advance. This course is taught in English. Offered: intermittently.

**SPA 23700 - Costa Rica Through History (3)**

(GE-CrsCl) This intensive course, taken in Costa Rica, is designed for the Intermediate student and will provide a survey of the history of Costa Rica. Prerequisite: SPA 20100; student must consult with program director for placement. Offered: spring semester.

**SPA 28000-28099 - Special Topics (3)**

(Intermediate Level) This course is designed for individualized study of specific topics within the field of Spanish language, culture, and literature. This course may be repeated as topics vary. Lab fee may be required. Offered: intermittently.

**SPA 31100 - Advanced Oral Expression (3)**

(GE-ForLang) This course offers further development in oral comprehension and expression through formal and informal group discussions and oral presentations. Prerequisite: credit or concurrent enrollment in SPA 20200 or permission of dean. Offered: fall and spring semesters.

**SPA 31200 - Advanced Written Expression (3)**

(GE-ForLang) This course offers further development in written expression through systematic grammar review, reading and analysis of cultural and literary materials, formal and informal group discussions, oral presentations, and written assignments. Prerequisite: a grade of C or better in SPA 31100 or permission of dean. Offered: fall and spring semesters.

**SPA 31300 - Advanced Spanish Composition Workshop (3)**

(GE-CrsCl) This intensive composition course, taken in Costa Rica, is designed to polish the student's writing skills in Spanish through practical applications of writing, reading, and editing skills. Prerequisite: a grade of C or better in SPA 31200; student must consult with program director for placement. Offered: spring semester.

**SPA 31400 - Introduction to Spanish Linguistics (3)**

(GE-CrsCl) This intensive course introduces the student to the many major linguistic concepts of Spanish linguistics, including phonetics, phonology, morphology, and syntax. This course is taken either in Costa Rica or in Spain. Prerequisite: a grade of C

or better in SPA 31200; student must consult with program director for placement. Offered: spring semester.

**SPA 32100 - Practical Oral/Written Expression (3-6)**

The Study Abroad courses are offered at the Universidad de Granada or in Costa Rica. See the director of the Spanish study abroad program for specific information. Offered: spring semester.

**SPA 32101 - Advanced Spanish Grammar (3)**

The Study Abroad courses are offered at the Universidad de Granada or in Costa Rica. See the director of the Spanish study abroad program for specific information. Offered: spring semester.

**SPA 32102 - Business Spanish (3)**

The Study Abroad courses are offered at the Universidad de Granada or in Costa Rica. See the director of the Spanish study abroad program for specific information. Offered: spring semester.

**SPA 32103 - English-Spanish Translation (3-6)**

The Study Abroad courses are offered at the Universidad de Granada or in Costa Rica. See the director of the Spanish study abroad program for specific information. Offered: spring semester.

**SPA 32104 - Islamic Culture in Spain (3)**

The Study Abroad courses are offered at the Universidad de Granada or in Costa Rica. See the director of the Spanish study abroad program for specific information. Offered: spring semester.

**SPA 32105 - Jewish Culture in Spain (3)**

The Study Abroad courses are offered at the Universidad de Granada or in Costa Rica. See the director of the Spanish study abroad program for specific information. Offered: spring semester.

**SPA 32106 - Selected Periods in the History of Spain (3-6)**

The Study Abroad courses are offered at the Universidad de Granada or in Costa Rica. See the director of the Spanish study abroad program for specific information. Offered: spring semester.

**SPA 32107 - Selected Periods in the History of Latin America (3)**

The Study Abroad courses are offered at the Universidad de Granada or in Costa Rica. See the director of the Spanish study abroad program for specific information. Offered: spring semester.

**SPA 32108 - Geography of Spain (3)**

The Study Abroad courses are offered at the Universidad de Granada or in Costa Rica. See the director of the Spanish study abroad program for specific information. Offered: spring semester.

**SPA 32109 - Society and Politics in Modern Spain (3)**

The Study Abroad courses are offered at the Universidad de Granada or in Costa Rica. See the director of the Spanish study abroad program for specific information. Offered: spring semester.



**SPA 32110 - The Political System of the European Union (3)**

The Study Abroad courses are offered at the Universidad de Granada or in Costa Rica. See the director of the Spanish study abroad program for specific information. Offered: spring semester.

**SPA 32111 - Economy and Business in Spain and Latin America (3)**

The Study Abroad courses are offered at the Universidad de Granada or in Costa Rica. See the director of the Spanish study abroad program for specific information. Offered: spring semester.

**SPA 32112 - The Spanish and Latin American Economies (3)**

The Study Abroad courses are offered at the Universidad de Granada or in Costa Rica. See the director of the Spanish study abroad program for specific information. Offered: spring semester.

**SPA 32113 - History of Art in Spain (3)**

The Study Abroad courses are offered at the Universidad de Granada or in Costa Rica. See the director of the Spanish study abroad program for specific information. Offered: spring semester.

**SPA 32114 - Selected Periods of the History of Art in Spain (3)**

The Study Abroad courses are offered at the Universidad de Granada or in Costa Rica. See the director of the Spanish study abroad program for specific information. Offered: spring semester.

**SPA 32115 - History of Spanish Cinema (3)**

The Study Abroad courses are offered at the Universidad de Granada or in Costa Rica. See the director of the Spanish study abroad program for specific information. Offered: spring semester.

**SPA 32116 - Health, Ecology, and the Environment in Spain (3)**

The Study Abroad courses are offered at the Universidad de Granada or in Costa Rica. See the director of the Spanish study abroad program for specific information. Offered: spring semester.

**SPA 32117 - Special Topics: Culture (3)**

The Study Abroad courses are offered at the Universidad de Granada or in Costa Rica. See the director of the Spanish study abroad program for specific information. Offered: spring semester.

**SPA 32118 - Selected Authors, Works, & Themes in Spanish Literature (3-6)**

The Study Abroad courses are offered at the Universidad de Granada or in Costa Rica. See the director of the Spanish study abroad program for specific information. Offered: spring semester.

**SPA 32119 - Selected Authors, Works, and Themes in Latin American Literature (3)**

The Study Abroad courses are offered at the Universidad de Granada or in Costa Rica. See the director of the Spanish study

abroad program for specific information. Offered: spring semester.

**SPA 32120 - Spanish Theater (3)**

The Study Abroad courses are offered at the Universidad de Granada or in Costa Rica. See the director of the Spanish study abroad program for specific information. Offered: spring semester.

**SPA 32121 - Literature of Costa Rica (3)**

(GE-CrsCl) The Study Abroad courses are offered at the Universidad de Granada or in Costa Rica. See the director of the Spanish study abroad program for specific information. Offered: spring semester.

**SPA 32122 - Latin American Theater (3)**

(GE-CrsCl) The Study Abroad courses are offered at the Universidad de Granada or in Costa Rica. See the director of the Spanish study abroad program for specific information. Offered: spring semester.

**SPA 32123 - Literature of the Spanish Conquest Period (3)**

(GE-CrsCl) The Study Abroad courses are offered at the Universidad de Granada or in Costa Rica. See the director of the Spanish study abroad program for specific information. Offered: spring semester.

**SPA 32124 - Literature of the Spanish Language: Open Topics (3)**

(GE-CrsCl) The Study Abroad courses are offered at the Universidad de Granada or in Costa Rica. See the director of the Spanish study abroad program for specific information. Offered: spring semester.

**SPA 321XX - Study Abroad Options (3)**

The Study Abroad courses are offered at the Universidad de Granada or in Costa Rica. See the director of the Spanish study abroad program for specific information. Offered: spring semester.

**SPA 33500 - Peninsular Spanish Culture and Civilization (3)**

(GE-CrsCl) This course studies the historical, cultural, and folkloric sources of the life and customs of the Spanish peoples. Emphasis is on the social, economic, and intellectual life of Spain today. Taught in Spanish. Prerequisite: a grade of C or better in SPA 31100; or permission of dean. Offered: fall semester.

**SPA 33600 - Latin American Culture and Civilization (3)**

(GE-CrsCl) This course is a study of historical, cultural, and folkloric sources of the life and customs of the Latin American peoples with emphasis on the social, economic, and intellectual life of Latin America today. Taught in Spanish. Prerequisite: a grade of C or better in SPA 31100; or permission of dean. Offered: spring semester.

**SPA 33700 - Costa Rica: History and Society of 19th and 20th Centuries (3)**

(GE-CrsCl) This intensive course, taken in Costa Rica, will provide a survey of the history and society of Costa Rica from the 19th and 20th centuries, with emphasis on politics and environmental and women issues. Prerequisite: a grade of C or

better in SPA 31200; student must consult with program director for placement. Offered: spring semester.

**SPA 35000 - Masterpieces of Peninsular Spanish Literature (3)**

(GE-CrsCl) Students will analyze readings of selected works of prose, poetry, and drama from the Middle Ages to the present. Prerequisite: a grade of C or better in SPA 31100; or permission of dean. Offered: fall semester.

**SPA 35100 - Masterpieces of Spanish-American Literature (3)**

(GE-CrsCl) Students will analyze readings of selected works of prose, poetry, and drama from the colonial period to the present. Prerequisite: a grade of C or better in SPA 31100; or permission of dean. Offered: spring semester.

**SPA 36400 - Latin American History in Film (3)**

(GE-CrsCl) This course explores, from the professional historian's perspective, the dramatic treatment of several important episodes and personalities in Latin American history as presented in some of the "classics" of this genre. Students will heighten their awareness both of specific historical periods of the region and of the problems inherent in their visual interpretation. The course is conducted in English. The text is in English, and the films to be viewed are either in English or in Spanish (in one case, German) with English subtitles. Offered: intermittently.

**SPA 38000-38099 - Special Topics in Spanish (3)**

This course is designed for individualized study of specific topics within the field of Spanish language, culture, and literature. This course may be repeated, if circumstances require. Prerequisite: Prerequisites vary by topic Offered: intermittently.

**SPA 38100-38199 - Special Topics in Spanish (3)**

(GE-ForLang) This course is designed for individualized study of specific topics within the field of Spanish language, culture, and literature. This course may be repeated, if circumstances require. Prerequisite: Prerequisites vary by topic Offered: intermittently.

**SPA 38200-38299 - Special Topics in Spanish (3)**

(GE-CrsCl) This course is designed for individualized study of specific topics within the field of Spanish language, culture, and literature. This course may be repeated, if circumstances require. Prerequisite: Prerequisites vary by topic Offered: intermittently.

**SPA 40000-40099 - Seminar on Selected Authors and Genres of Spanish and Spanish-American Literatures (3)**

(GE-CrsCl) This course is a concentrated study and analysis of a literary genre and its representative authors, their major works and influence. The content of the course varies and will present in rotation different periods of Spanish and Spanish-American literatures. It may be repeated for credit as topics vary. Taught in Spanish. Prerequisite: ENGL 17000; a grade of C or better in SPA 31200; a grade of C or better in SPA 35000 or SPA 35100; or permission of dean. Offered: intermittently.

**SPA 41200 - Spanish Romanticism (3)**

(GE-CrsCl) This course presents the development of Romanticism from its roots in the 17th-century Enlightenment and Spanish cultural tradition to its triumph in the first half of the 19th century. The focus is historical and literary, concentrating on five principal authors and the analysis of several of their most

important works. Taught in Spanish. Prerequisite: ENGL 17000; a grade of C or better in SPA 31200; a grade of C or better in SPA 35000 or SPA 35100; or permission of dean. Offered: intermittently.

**SPA 41300 - Major Movements in the 19th-Century Spanish Novel (3)**

(GE-CrsCl) This course presents the development of the two major post-Romantic literary movements of 19th-century Spain-Realism and Naturalism. Through intensive reading and analysis of several of the most important works of these two tendencies, the student will gain an understanding of the concerns of various groups of Spanish society, especially the middle class, of the second half of the 19th century. Taught in Spanish. Prerequisite: ENGL 17000; a grade of C or better in SPA 31200; a grade of C or better in SPA 35000 or SPA 35100; or permission of dean. Offered: intermittently.

**SPA 41500 - The 20th-Century Spanish Novel (3)**

(GE-CrsCl) This course is a survey of the Spanish novel in the 20th century, with particular attention to the causes and effects of the Spanish Civil War, as reflected in representative works from various literary tendencies. The focus is historical and literary. Through reading and analysis, the student should gain a deeper understanding of the often violent divisions in Spanish society and politics. Taught in Spanish. Prerequisite: ENGL 17000; a grade of C or better in SPA 31200; a grade of C or better in SPA 35000 or SPA 35100; or permission of dean. Offered: intermittently.

**SPA 41600 - The Role of Women in Hispanic Societies (3)**

(GE-CrsCl) Through reading and analysis of key works, this course examines the situation of women and how it has evolved in the Spanish speaking world. Taught in Spanish. Prerequisite: ENGL 17000; a grade of C or better in SPA 31200; a grade of C or better in SPA 35000 or SPA 35100; or permission of dean. Offered: intermittently.

**SPA 41800 - The Spanish-American Short Story (3)**

(GE-CrsCl) This course examines the evolution of the short story in Spanish America from its beginnings in the 19th century to the present. The approach is historical and literary, based on the study of works representative of various literary tendencies, including romanticism, realism, naturalism, modernismo, criollismo, the avant-garde, the "boom," the "post-boom," and other contemporary phenomena. Taught in Spanish. Prerequisite: ENGL 17000; a grade of C or better in SPA 31200; a grade of C or better in SPA 35000 or SPA 35100; or permission of dean. Offered: intermittently.

**SPA 42000 - The Novel of the Mexican Revolution (3)**

(GE-CrsCl) This course examines the principal aspects of the Mexican Revolution, its causes and consequences, and analyzes several of the novels that arose from the Revolution itself and from the problems that it presented for Mexico in the times that followed, up to the present. Taught in Spanish. Prerequisite: ENGL 17000; a grade of C or better in SPA 31200; a grade of C or better in SPA 35000 or SPA 35100; or permission of dean. Offered: intermittently.

**SPA 42100 - The Spanish-American Regional Novel (3)**

(GE-CrsClt) Following their independence from Spain, the new nations of Spanish-America began to search for an identity that would distinguish them from their Spanish heritage, examining their unique geographic, racial, and social situations. In literature, this led first to criollismo, and then, in the mid-1920s, to regionalism. Novelistic production centered on the problems of modernity, continuing the 19th-century debate over "civilization versus barbarism," city life versus rural life, while also reflecting the new socio-historical context, which involved neo-colonialism, exploitation of workers, and the increasing influence of international capitalism. Two new genres arose: the "novela de la tierra" and "indigenista" literature. This course studies the historical and literary aspects of these impulses through the three most important novels of the land-La vorágine, Don Segundo Sombra, and Doña Bárbara, and one representative of indigenismo: Huasipungo. Taught in Spanish. Prerequisite: ENGL 17000; a grade of C or better in SPA 31200; a grade of C or better in SPA 35000 or SPA 35100; or permission of dean. Offered: intermittently.

**SPMGT - Sport Management****SPMGT 27020 - Orientation to Sport Management (3)**

This course introduces students to the sport management profession and the broad scope of careers currently available in the sport industry. The goal of this course is to provide students with an overview of the sport industry and its relationship to other disciplines. The course will examine the skills necessary to be a successful sport manager and will provide students with knowledge of the various entities involved in sport. Offered: fall and spring semesters.

**SPMGT 31200-31299 - Directed Studies in Sport Management (3)**

An independent structured learning experience will be developed to ensure students' knowledge and competencies are achieved in selected topics. Areas of specific need will be pursued to supplement normal classroom instruction. Prerequisite: Permission of the instructor and dean of the School of Business & Entrepreneurship. Also required is the successful completion of the Writing Proficiency Assessment (WPA) or ENGL 21000. Offered: By arrangement only.

**SPMGT 33000 - Sport Economics (3)**

This course is an introductory applied economics course in sport economics that will provide an overview of the issues at all levels of sport using basic economic principles. Emphasis will be placed on professional sports, but the course will address amateur sports, including collegiate sports. Concepts used in this course will include supply and demand analysis of sport markets, competitive balance as a profit maximization factor, cost issues including labor markets and contract negotiations, public funding and support for sport and entertainment venues, and relevant issues in collegiate sports. Prerequisite: a grade of C or better in ECON 23020 and ECON 23030, and successful completion of the Writing Proficiency Assessment (WPA) or ENGL 21000.

**SPMGT 37040 - Sport Marketing and Promotion (3)**

This course examines the unique process of applying marketing principles to the sport industry. The purpose of this course is to survey the functions of sport marketing. Students will learn about integrated marketing strategies within the sport industry and will gain a better understanding of sport consumers, the needs and desires of sport consumers, and the marketing mix as it applies to sport. Prerequisite: a grade of C or better in SPMGT 27020 and MRKT 35010. Also required is the successful completion of the Writing Proficiency Assessment (WPA) or ENGL 21000. Offered: fall and spring semesters.

**SPMGT 37050 - Event Management (3)**

This course focuses on the planning, management, and execution of successful events, such as sporting events, artistic performances, corporate conferences, and community and charitable events. Topics addressed include organizational structure, legal issues, risk analysis, budget preparation, negotiations, vendor relations, product and service development, staff management and development, and post-event analysis. Out of class field experience and training will be scheduled as appropriate. Prerequisite: junior or senior standing and a grade of C or better in MRKT 35010. Also required is the successful completion of the Writing Proficiency Assessment (WPA) or ENGL 21000. Offered: fall and spring semesters.

**SPMGT 37060 - Sport Law (3)**

This course explores the study of the law as it pertains to sport and physical activity. SPMGT 37060 is an advanced course that is designed to provide students with an overview of legal issues that arise in all areas of sport, recreation, and physical activity. The course will examine torts, Constitutional law, contracts, collective bargaining agreements, agency, and social responsibility in both amateur and professional sport. Prerequisite: junior standing. Also required is the successful completion of the Writing Proficiency Assessment (WPA) or ENGL 21000. Offered: fall and spring semesters.

**SPMGT 39000-39999 - Special Topics in Sport Management (1-3)****SPMGT 41200-41299 - Directed Studies in Sport Management (3)**

An independent structured learning experience will be developed to ensure students' knowledge and competencies are achieved in selected topics. Areas of specific need will be pursued to supplement normal classroom instruction. Prerequisite: Permission of the instructor and dean of the School of Business & Entrepreneurship. Also required is the successful completion of the Writing Proficiency Assessment (WPA) or ENGL 21000. Offered: By arrangement only.

**SPMGT 47080 - Sport Management Policy (3)**

This course is an advanced, capstone course that is designed to provide sport management students with a detailed understanding of the sport industry, sport organizations, careers in sport and the decision making principles involved in sport. The course emphasizes the research and communication skills necessary to be a successful manager in the sport industry, and provides students with the ability to evaluate business strategies in the

sport industry and understand the business of sport in a global marketplace. Students will also understand the application of marketing and financing specific to the sport industry and discuss ethical decision making in the world and business of sport. Prerequisite: grade of C or better in SPMGT 27020 & senior standing. Also required is the successful completion of the Writing Proficiency Assessment (WPA) or ENGL 21000. Offered: fall and spring semesters.

**SPMGT 47095 - Practicum in Sport Management (3)**

This course is a class designed to provide sport management students with the practical experience necessary to begin a career in the sport industry. Students will utilize résumé building, communication and networking skills to pursue an internship at an approved site within the sport industry. Students will work 10-20 hours per week, and will practically apply the planning, organizing, marketing, selling, budgeting and human resource skills that they have learned in the classroom. Students will practice their communication skills through their interactions with individuals (supervisors, customers, clients, etc.) throughout their practicum, and through a comprehensive written overview of the experience at the conclusion of the internship. Prerequisite: sport management major, permission of the sport management Department Chair, and junior or senior standing. Also required is the successful completion of the Writing Proficiency Assessment (WPA) or ENGL 21000. Offered: fall and spring semesters.

**SPMGT 49000-49999 - Special Topics in Sport Management (1-3)**

**SW - Social Work**

**SW 10000 - Intercultural Communication (3)**

(GE-Comm) This course is designed to teach participants various interpersonal skills with a direct focus on intercultural communication. Diversity related topics include developing self-awareness in areas such as verbal and nonverbal interactions, awareness of others, communicating in a variety of cultural contexts, emotions, relationships, and the importance of time and space. Communication topics include the process of communication, listening, putting ideas into words, communicating in social encounters and career situations, communicating in small groups, researching ideas, understanding listeners, speech preparation, and presentation as well as argumentation and debate. Offered: fall and spring semesters.

**SW 10500 - Social Service Agency Observation (1)**

Students are assigned to social service agencies to observe social work practitioners and learn the structure of agencies. The benefit to students will be to ensure appropriate career choice and to get oriented to the relationship between theory and practice in social work education. Prerequisite: SW 11000. Offered: fall and spring semesters.

**SW 11000 - Introduction to Social Work (3)**

This course is an introduction to the field of social work as a helping profession at the micro (individual), mezzo (groups and family), and macro (organization, community) levels. The role of the generalist social worker in a variety of service settings with a focus on at-risk populations is presented. An overview of social work history, theories, values, ethics, and skills necessary for the

best practices of social work services is presented. Offered: fall and spring semesters.

**SW 24000 - Human Diversity and Social Justice (3)**

(GE-SocSci) This course is an introduction to human diversity covering the areas of age, class, color, disability, ethnicity, family structure, gender, marital status, national origin, race, religion, sex, and sexual orientation. Concepts of social justice, covering the areas of distributive justice, human and civil rights, and the global interconnections of oppression are introduced. Common historical, personal, and societal strategies to combat discrimination, oppression, economic deprivation, and the promotion of social and economic justice within the United States are considered. Offered: fall and spring semesters.

**SW 27000 - Human Behavior in the Social Environment I (3)**

This course includes content on the reciprocal relationships between human behavior and social environments. Also considered are empirically based theories and knowledge that focus on the interactions between and among individuals, groups, societies, and economic systems; the range of social systems in which people live, individual, family, group, organizational, and community; and the ways social systems promote or deter people in maintaining or achieving health and well-being. Prerequisite: SW 11000, PSY 10000, and BIO 10700/BSC 10700 Offered: spring semester.

**SW 28500 - Human Behavior in the Social Environment II (3)**

This course examines theories and knowledge of human bio-psycho-social-cultural-physical-spiritual development including the range of social systems in which individuals live (families, groups, organizations and communities) across the life span. Students address how systems promote or deter people from maintaining or achieving optimal health and well-being. Human development will be viewed as a complex interaction between individuals and systems. Prerequisite: SW 27000. Offered: spring semester.

**SW 30000 - Child Welfare (3)**

This course provides an overview of the child welfare system in the United States from a generalist perspective. The history of the development of the continuum of child welfare services will be examined. Information on child abuse and neglect, foster care and adoption will be provided. The course will also review the social and organizational systems that are responsible for the delivery of child welfare services, and ways that social workers can influence these systems. Emphasis will be placed on increasing sensitivity to racial and cultural factors that affect the provision of child welfare services to various populations and their implications for social work practice. Prerequisite: junior status. Offered: intermittently.

**SW 31000 - Social Work Practice I (4)**

This course examines the basic theory, knowledge and skills required to develop micro- (individual) professional relationships in generalist social work practice. Students will develop skills in defining issues, assessment, interviewing, crisis intervention, referral linkages, communication, and documentation. Initiation and termination of helping relationships with diverse at risk populations will be explored. Course will include a lab

component. Prerequisite: SW 10500, SW 11000, SW 27000, SW 28500 and full admission to the major. Offered: fall semester.

**SW 31100 - Social Work Practice II (4)**

This course examines the basic theory, knowledge, and skills required to develop mezzo- (group, family) level generalist social work practice. Skill building for effective interventions with families and groups of varying racial, ethnic and other cultural groups in society, identifying values, and lifestyles that require divergent social work approaches and responses, and enhancement of professional identity as a facilitator of change for helping more than one client at a time will be addressed. Course will include a lab component. Prerequisite: SW 31000. Offered: fall semester.

**SW 31200 - Social Work Practice III (4)**

This course will examine the basic theory, knowledge and skills required to develop macro-(organization, community, society) level social work practice. Systematic use of the generalist perspective to evaluate and strengthen social programs and structures, identify issues of social stratification, assess community needs and resources, facilitate capacity building, promote self-advocacy and develop methods for overcoming resistance to change will be addressed. Course will include a lab component. Prerequisite: SW 31100. Offered: spring semester.

**SW 32000 - Social Welfare Policy and Services I (3)**

Course content includes the history of social welfare and social work, the history and current structures of social welfare services, the role of policy in service delivery, and attainment of individual and social wellbeing. Course content provides students with knowledge and skills to understand major policies that form the foundation of social welfare as well as introductory analysis of organizational, state, national, and international issues in social welfare policy and social service delivery. Prerequisite: SW 11000, PS 15500 or PS 15600 and ENGL 17000 with a C or better. Offered: spring semester.

**SW 32500 - Social Work Research Methods (4)**

This course is an introduction to current research techniques offering the student an understanding and appreciation of scientific, analytic approaches to building knowledge for practice and to evaluating service delivery in all areas of practice. Ethical standards of scientific inquiry, methodological approaches, and the analysis of data are presented. Students participate in designing and conducting research. Course includes a lab component. Prerequisite: SW 11000 and MTH 14100. Offered: fall semester.

**SW 35000 - Group Work (3)**

Basic generalist social work skills to effectively develop, plan, facilitate, and evaluate group services are examined. Theories and models of group development, types of groups, group dynamics, and phases of groups will provide the framework for practical application of group leadership and effective group membership. A focus on group diversity and working with populations-at-risk will be presented. Prerequisite: junior status. Offered: intermittently.

**SW 36000 - Service Learning (3)**

Effective and responsible social work practice requires that students understand and develop a capacity to manage their own behavior, adapt themselves to the social work agency, and be prepared to serve the agency and its clientele. This course will be organized around the central themes of professionalism, organizational behavior, and social work service. Students will be placed in supervised social service agencies to complete a minimum of 100 hours of service as defined by the site-based social work supervisor. Prerequisite: SW 11000 and SW 10500. Offered: fall and spring semesters.

**SW 39000-39999 - Special Topics in Social Work (1-3)**

Specialized topics in social work will be the focus of these courses. Topics will change to reflect trends in social work practice and the needs of social work students. Relevant topics may include, but are not limited to: readings and research in social work, cross-cultural practice, grief and loss, services to the elderly, etc. This course can be taken for repeated credit with different topics. Lab fee may be required. Prerequisite: junior standing, consent of instructor. Offered: intermittently.

**SW 42100 - Social Welfare Policy and Services II (3)**

Course content includes advanced analysis of organizational, local, state, national, and international issues in social welfare policy, as well as social service delivery and application of the results of policy research relevant to those issues. Policy practice skills will be introduced with regard to economic, political, and organizational systems as they are used to influence, formulate, and advocate for policy consistent with various value sets. Financial, organizational, administrative, and planning processes required for effective delivery of social services within various policy frameworks will be presented. Prerequisite: SW 32000 Offered: in the spring semester.

**SW 45000 - Field Practicum (9)**

Students in supervised social work practice are provided opportunities to apply classroom learning in a field setting. Requires a minimum of 400 hours. Prerequisite: SW 36000 and permission of dean. Offered: fall and spring semesters.

**TA - Theatre**

**TA 10001 - Rehearsal and Production (0-1)**

All theatre majors are required to enroll in Rehearsal and Production every fall and spring semester throughout their program of study, excluding any semester of student teaching or internship. Students will actively participate in department productions through various assignments and meeting sessions indicated in the course syllabus. Pass/Fail course. Offered: fall semester.

**TA 10002 - Rehearsal and Production (0-1)**

All theatre majors are required to enroll in Rehearsal and Production every fall and spring semester throughout their program of study, excluding any semester of student teaching or internship. Students will actively participate in department productions through various assignments and meetings as indicated in the course syllabus. Pass/Fail course. Offered: spring semester.

**TA 10100 - Acting I (3)**

This course is designed to teach basic skills to the beginning actor, the course explores the techniques of concentration, relaxation, nonverbal communication, and improvisation. This course is designed for theatre majors. Offered: fall semester.

**TA 10300 - Oral Interpretation (3)**

This course consists of the study, analysis, and preparation of prose, poetry, and dramatic literature for oral presentation. Offered: intermittently.

**TA 10400 - Drawing for Theatrical Design (3)**

This course is the study of drawing as it applies to the relevant visual communication required in the theatrical design areas of scenic, costume, lighting and properties. Offered: fall semester.

**TA 10500 - Fundamentals of Acting (3)**

(GE-Fine Art) This course is designed for non-majors and will focus on empathizing with a character in a variety of dramatic contexts and is particularly suited for students who plan careers where role-playing is necessary and essential. Role-playing and characterization skills will be developed through a variety of acting games, improvisation scenarios, and in-depth character studies. Offered: fall and spring semesters.

**TA 10600 - Stage Movement (3)**

This course is an introduction to movement for performance. Fundamentals include self awareness, effective warm-ups, relaxation, and physicalization in character development. Offered: fall semester.

**TA 10800 - Stage Voice (3)**

This course explores the fundamentals of voice for the stage including vocal production, techniques in vocal training, and the International Phonetic Alphabet. Offered: spring semester.

**TA 11100 - Introduction to Technical Theatre I (3)**

This course is an introduction to the total spectrum of technical theatre. Ten hours per week of lab work is required. Offered: fall semester.

**TA 11700 - Introduction to the Theatrical Arts (3)**

(GE-Fine Art) This course is an examination of the origins, forms, and styles of drama, dance, and musical theatre and their esthetic values. Students examine the relationships of the collaborative artists in their contributions to these arts in theatrical performance. Laboratory work will include attending actual performances of the various forms. Course fee may be required. Offered: fall and spring semesters.

**TA 20001 - Rehearsal and Production (0-1)**

All theatre majors are required to enroll in Rehearsal and Production every fall and spring semester throughout their program of study, excluding any semester of student teaching or internship. Students will actively participate in department productions through various assignments and meetings as indicated in the course syllabus. Requires more production responsibility than TA 1000X. Pass/Fail course. Prerequisite: TA 10001 Offered: fall semester.

**TA 20002 - Rehearsal and Production (0-1)**

All theatre majors are required to enroll Rehearsal and Production every fall and spring semester throughout their program of study, excluding any semester of student teaching or internship. Students will actively participate in department productions through various assignments and meetings as indicated in the course syllabus. Requires more production responsibility than TA 1000X. Pass/Fail course. Prerequisite: TA 10002 Offered: spring semester.

**TA 20100 - Acting II (3)**

This course is designed to be a scene-study class, the course explores the techniques for character analysis as described by Stanislavski. Students perform selected scenes from plays especially chosen to give them the necessary skills for building a character and creating a role for the stage. Prerequisite: TA 10100 Offered: spring semester.

**TA 21000 - Stage Management (3)**

This course explores the principles and processes of the stage manager. The course will include examinations of physical equipment, performance procedures, and the production of a practical prompt book. Students will be required to stage manage a scheduled studio production. Offered: fall and spring semesters.

**TA 21300 - Stagecraft (3)**

This course explores the process, principles, and techniques used in scenic construction. Coursework consists of both lecture and practical application of techniques on various projects throughout the semester. Prerequisite: TA 11100 Offered: spring semester.

**TA 21400 - Drafting for Theatre (3)**

This course explores the fundamentals of drafting and technical drawing for the theatre. Students learn the methods used to read and design 2-D drawings used in technical theatre practices, including hand-drafting techniques and computerized drafting techniques using Vectorworks and AutoCAD. Prerequisite: TA 11100 Offered: spring semester.

**TA 21500 - Drawing and Rendering for Theatre (3)**

This course will provide the student with the skills necessary to produce the drawings and renderings that will be expected of them as designers in the theatre, including shading, proportioned figures, clothed figures, perspective, textures and landscapes. Both dry and wet media will be included. Prerequisite: TA 10400 Offered: spring semester.

**TA 21600 - Stage Make-up (3)**

This course develops techniques in the design and application of stage make-up. Studio fee required. Offered: fall and spring semesters.

**TA 21900 - Theatrical Collaboration (3)**

The integration and application of theatre collaboration practices through exploration in the theatrical design process. Prerequisite: TA 11100 Offered: fall semester.

**TA 22000 - Costume Construction (3)**

This course will provide the student with the skills and techniques used in costume construction and prepare him/her for work in a costume shop, including the job of a costumer, equipment,

stitching, patterning, and textiles. Prerequisite: TA 11100  
Offered: spring semester.

**TA 22100 - History of Décor (3)**

This course exposes theatre students to the significant range of movements in Western architecture, interior design, furnishings and decoration. Each period has a unique visual aesthetic expressed in various forms, functions, climates and specific materials which create a cohesive individual style, familiarity with which is essential to the potential scenic, costume and lighting designer. Prerequisite: ARTH 22400 Offered: spring semester.

**TA 27201 - Content and Standards for 9-12 Speech/Theatre Education (2)**

This course introduces 9-12 speech/theatre candidates to learning outcomes for high school speech and theatre classes through the design of instructional units that pair established standards with diverse and exemplary methods, materials, and repertoires. Prerequisite: EDU 11100 and EDU 20200 or permission of dean. Offered: intermittently

**TA 28900-28999 - Study Abroad (5)**

The study abroad courses are offered at York St. John University. See the chair of the theatre program for more information. Prerequisite: TA 20100, ENGL 17000 with a C or better, junior or senior standing, 2.5 GPA, and permission of director of the program. Offered: Every semester.

**TA 28901 - Study Abroad: The Performance of the Self (5)**

This course is offered at York St. John University. See the chair of the theatre program for more information. Prerequisite: TA 20100, ENGL 17000 with a C or better, junior or senior standing, 2.5 GPA, and permission of director of the program. Offered: Every semester.

**TA 28902 - Study Abroad: Facilitation for Applied Theatre (5)**

This course is offered at York St. John University. See the chair of the theatre program for more information. Prerequisite: TA 20100, ENGL 17000 with a C or better, junior or senior standing, 2.5 GPA, and permission of director of the program. Offered: Every semester.

**TA 28903 - Study Abroad: Intertext (5)**

This course is offered at York St. John University. See the chair of the theatre program for more information. Prerequisite: TA 20100, ENGL 17000 with a C or better, junior or senior standing, 2.5 GPA, and permission of director of the program. Offered: Every semester.

**TA 28904 - Study Abroad: Artist as Witness (5)**

This course is offered at York St. John University. See the chair of the theatre program for more information. Prerequisite: TA 20100, ENGL 17000 with a C or better, junior or senior standing, 2.5 GPA, and permission of director of the program. Offered: Every semester.

**TA 28905 - Study Abroad: Schools Project (5)**

This course is offered at York St. John University. See the chair of the theatre program for more information. Prerequisite: TA 20100, ENGL 17000 with a C or better, junior or senior standing,

2.5 GPA, and permission of director of the program. Offered: Every semester.

**TA 28906 - Study Abroad: Theatre in Social Context (5)**

This course is offered at York St. John University. See the chair of the theatre program for more information. Prerequisite: TA 20100, ENGL 17000 with a C or better, junior or senior standing, 2.5 GPA, and permission of director of the program. Offered: Every semester.

**TA 28907 - Study Abroad: Texts, Scripts, Scores (5)**

This course is offered at York St. John University. See the chair of the theatre program for more information. Prerequisite: TA 20100, ENGL 17000 with a C or better, junior or senior standing, 2.5 GPA, and permission of director of the program. Offered: Every semester.

**TA 28908 - Study Abroad: Theatre and Scenography (5)**

This course is offered at York St. John University. See the chair of the theatre program for more information. Prerequisite: TA 20100, ENGL 17000 with a C or better, junior or senior standing, 2.5 GPA, and permission of director of the program. Offered: Every semester.

**TA 28909 - Study Abroad: Politics and Play (5)**

This course is offered at York St. John University. See the chair of the theatre program for more information. Prerequisite: TA 20100, ENGL 17000 with a C or better, junior or senior standing, 2.5 GPA, and permission of director of the program. Offered: Every semester.

**TA 28910 - Study Abroad: Multimedia Performance (5)**

This course is offered at York St. John University. See the chair of the theatre program for more information. Prerequisite: TA 20100, ENGL 17000 with a C or better, junior or senior standing, 2.5 GPA, and permission of director of the program. Offered: Every semester.

**TA 30001 - Rehearsal and Production (0-1)**

All theatre majors are required to enroll in Rehearsal and Production every fall and spring semester throughout their program of study, excluding any semester of student teaching or internship. Students will actively participate in department productions through various assignments and meetings as indicated in the course syllabus. Requires more production responsibility than TA 2000X. Pass/Fail course. Prerequisite: TA 20001 Offered: fall semester.

**TA 30002 - Rehearsal and Production (0-1)**

All theatre majors are required to enroll in Rehearsal and Production every fall and spring semester throughout their program of study, excluding any semester of student teaching or internship. Students will actively participate in department productions through various assignments and meetings as indicated in the course syllabus. Requires more production responsibility than TA 2000X. Pass/Fail course. Prerequisite: TA 20002 Offered: spring semester.

**TA 30100-30199 - Acting Studio (3)**

This class is designed to be an advanced scene study class for the study of such topics as: auditioning, improvisation, dialects, and musical theatre. Semester study will be devoted to a particular

subject area and related activities. May be repeated for credit.  
Prerequisite: TA 20100 Offered: fall and spring semesters.

**TA 30101 - Acting Studio: Children's Theatre (3)**

This class is a practical study of plays written for children and young adult audiences. Emphasis will be placed on characterization and working with interactive audiences.  
Prerequisite: TA 20100 Offered: intermittently.

**TA 30102 - Acting Studio: Audition (3)**

This course is designed to teach actors how to audition, including the techniques of improvisation, monologues, cold reads, interviews, and on-camera auditions. Student will learn to interpret the requirements of a casting notice, how to prepare a resume, the process of auditioning, and how to present themselves in an audition setting. Prerequisite: TA 20100  
Offered: intermittently.

**TA 30103 - Acting Studio: Scene Study (3)**

This course is designed to further develop actors' performance skills. Students will work together on scenes from contemporary plays in a variety of styles. Emphasis is placed on appropriate inner life while pursuing an objective in the moment with a scene partner. Prerequisite: TA 20100 Offered: intermittently.

**TA 30104 - Acting Studio: Comic Acting (3)**

This course is designed to develop skills at creating comedic characters and performing comic scenes. Through classwork on monologues and scenes, and viewing and analyzing comic productions, students will learn the importance of voice, diction, projection, timing and physicality in performing comedies. They will also improve their understanding and practice of comic timing, both physical and vocal. Prerequisite: TA 20100 Offered: intermittently.

**TA 30105 - Acting Studio: Improvisation (3)**

This course is a practical performance studio designed to teach actors the rules and uses of improvisation. This course explores the techniques of pantomime, improvisation (short and long form), and team building. Student will gain experience in how improvisation is used in auditions and film. Prerequisite: TA 20100 Offered: intermittently.

**TA 30106 - Acting Studio: Period Styles (3)**

This course is designed to teach actors how to understand and perform period plays. As a practical performance studio, students will become familiar with plays of various early periods (Greek, Restoration, Victorian, etc.) and become familiar with the vocal, physical, and textual demands of creating characters and performing period plays. Prerequisite: TA 20100 Offered: intermittently.

**TA 30300 - Seminar in Musical Theatre (3)**

This is an advanced studio course focusing on various components of musical theatre performance. May be repeated for credit. Prerequisite: TA 20100 and two credit hours of private voice or class voice. Offered: fall and spring semesters.

**TA 30301 - Acting the Song I (3)**

An advanced course combining acting and singing. Preparation and performance of solos, duets, and audition material utilizing text and music analysis and the creation of appropriate inner life.

Prerequisite: TA 20100 and two credit hours of private voice or class voice. Offered: fall semester.

**TA 30302 - Acting the Song II (3)**

This course is an extension of TA 30301. Requires advanced vocal and acting repertoire. Prerequisite: TA 30301 Offered: fall semester.

**TA 30303 - History of the American Musical (3)**

A study of the history of the American musical from its origin, evolution, and effect on theatre today. Prerequisite: a grade of C or better in ENGL 17000 and TA 20100. Offered: spring semester.

**TA 30400 - Script Analysis (3)**

This basic course in theatrical theory presents the analytical and research processes necessary to the consideration of any play prior to production. The approach is necessary for those working in any of the artistic roles in the theatre. Prerequisite: a grade of C or better in ENGL 17000 and TA 10100. Offered: fall semester.

**TA 30500 - Scenography (3)**

This course will examine the use of color, line and other elements of visual art theory to develop costume, scenic, and lighting designs for a play. The student will further their ability to analyze a script and learn to develop a concept related visual style. Students will also identify and engage in appropriate research. This course is designed for students seeking 5-8 and/or 9-12 certification in speech-theatre. Prerequisite: TA 21300 or permission of dean. Offered: spring semester.

**TA 30600 - Directing (3)**

This course consists of fundamental theory and practice for the stage director. Prerequisite: TA 30400 or permission of dean. Offered: spring semester.

**TA 30700 - Scenic Design (3)**

This course immerses students in the fundamental spatial, color, textural, and architectural tenets of designing dramatic environments for live theatre production, including the concept and execution methods of the single box set, the unit set, and multiple scene requirements. Prerequisite: TA 21400 and TA 21500 Offered: fall semester.

**TA 30900 - Costume Design (3)**

This course will explore the use of color and line to visually define the characters in a play. Students will further their ability to analyze a script and learn to develop a concept and related visual style. They will identify and engage in appropriate research for a variety of designs. Students will also learn to articulate and support their design choices during class presentations. Prerequisite: TA 21500 Offered: spring semester.

**TA 31000 - Lighting Design (3)**

This course is an introductory course in lighting design in which students will explore the basic concepts and ideas of how to conceive, plan and implement lighting for theatre, dance, and musical productions. Emphasis on using CAD and other lighting software to develop plans, and the collaborative nature of the theatre design process, including concept development, script analysis, research, design and presentation. Prerequisite: TA



11100 and TA 21400 or permission of dean. Offered: fall semester.

**TA 31300 - Audio Technology and Sound Design (3)**

This course explores modern sound equipment and its applications in live production environments. Sound theory and the electronics of microphones, mixing boards, amplifiers and speaker systems are covered in both analogue and digital form as a basis for students interested in sound production and design careers in the theatre. A portion of the class will also cover a brief history of sound effects and Foley (live sound recreation) work. Prerequisite: TA 11100 or permission of dean. Offered: fall semester.

**TA 31700 - History of Costume and Fashion (3)**

(GE-Fine Art) This course is a study of social and cultural history and the resulting costumes worn by men, women and children from primitive times to 1900. Emphasis is given to the ways in which politics, economics and technology affected the changing silhouettes of each period. Prerequisite: ARTH 22200 or ARTH 22400 or permission of dean. Offered: intermittently.

**TA 33500 - Modern Drama (3)**

(GE-Lit/Fine Art/CrsCl) This course is a study of modern and contemporary drama from Ibsen to the present, including realistic, naturalistic, symbolistic, poetic, expressionist, existentialist, absurdist, "epic." and experimental plays. The background and culture of the playwright and the ways in which both influence their writing, as well as the style of the writing, will be included in the study of each play. Special attention is paid to the evolution of theatrical style and form, and the ways in which we see it modeled in popular film, theatre, television, and animation. This course is not open to students with credit in ENGL 33500. Prerequisite: a grade of C or better in ENGL 17000. Offered: spring semester.

**TA 33600 - Survey of Dramatic Literature (3)**

(GE-Lit/Fine Art/CrsCl) This course examines dramatic literature from all major periods of the Western world from ancient Greece to the present, providing an opportunity to understand the culture, history, and people that gave rise to it. The role of religion in theatre will be examined as it changes in emphasis, starting with the Greeks, to the present era, where it is almost absent. Emphasis is placed on bridging the gap that exists between the culture and time period of each play and the way in which each is presently interpreted and received. Students will contrast and relate the plays read in class to various aspects of modern culture and society. Prerequisite: a grade of C or better in ENGL 17000. Offered: fall semester.

**TA 33700 - Seminar in American Drama (3)**

(GE-Fine Art) This course will explore the history and development of dramatic literature in America. American playwrights and their work from 1770 to the present will be examined. This seminal heritage of uniquely American theatre forms the foundation for the eventual rise of main stream modern drama in the United States. Prerequisite: a grade of C or better in ENGL 17000. Offered: intermittently.

**TA 35000 - Directing II (3)**

This course consists of further study of directing as a process culminating in the direction of a short public performance. Studio fee may be required. Prerequisite: TA 30600 Offered: fall semester.

**TA 37000 - History of Theatre (3)**

(GE-Fine Art/CrsCl) This course is the study of drama in form and production, as well as its basis in historical and contemporary culture. Prerequisite: a grade of C or better in ENGL 17000. Offered: spring semester.

**TA 37100 - History of Theatre I (3)**

(GE-Fine Art/CrsCl) This course presents an in depth exploration the development of drama in form and production from pre-history to the 1700s. Significant chronological contributions to contemporary theatre are analyzed from the standpoint of subject matter, architecture, technology and acting styles. Prerequisite: a grade of C or better in ENGL 17000. Offered: fall semester.

**TA 37200 - History of Theatre II (3)**

(GE-Fine Art/CrsCl) This course presents an in depth exploration the development of drama in form and production from the 1700s to the present. Significant chronological contributions to contemporary theatre are analyzed from the standpoint of subject matter, architecture, technology and acting styles. Prerequisite: a grade of C or better in ENGL 17000. Offered: spring semester.

**TA 38600-38699 - Special Topics (3)**

(GE-FineArt)Special topics in theatre. May be repeated as topics vary. Course fee may be required. Prerequisite: permission of dean. Offered: intermittently.

**TA 38700-38799 - Special Topics (3)**

(GE-Fine Art/CrsCl) Special topics in theatre. May be repeated as topics vary. Course fee may be required. Prerequisite: permission of dean. Offered: intermittently.

**TA 38800-38899 - Special Topics (1-3)**

Special topics in theatre. May be repeated as topics vary. Course fee may be required. Prerequisite: permission of dean. Offered: intermittently.

**TA 40001 - Rehearsal and Production (0-1)**

All theatre majors are required to enroll in Rehearsal and Production every fall and spring semester throughout their program of study, excluding any semester of student teaching or internship. Students will actively participate in department productions through various assignments and meetings as indicated in the course syllabus. Requires more production responsibility than TA 3000X. Pass/Fail course. Prerequisite: TA 30001 Offered: fall semester.

**TA 40002 - Rehearsal and Production (0-1)**

All theatre majors are required to enroll in Rehearsal and Production every fall and spring semester throughout their program of study, excluding any semester of student teaching or internship. Students will actively participate in department productions through various assignments and meetings as indicated in the course syllabus. Requires more production

responsibility than TA 3000X. Pass/Fail course. Prerequisite: TA 30002 Offered: spring semester.

**TA 40100-40199 - Advanced Acting Studio (3)**

This course is an advanced acting class for scene work and acting styles. Topics will include Shakespeare, comedy, Neoclassic, Restoration, and various other styles. May be repeated for credit. Prerequisite: TA 20100 Offered: fall and spring semesters.

**TA 40101 - Advanced Acting Studio: Stage Combat (3)**

This course is designed to teach actors the rules and uses of stage combat. This is an in class physical performance class. This course explores the techniques of hand to hand, weapons, falls, and choreography. Prerequisite: TA 20100 Offered: intermittently.

**TA 40102 - Advanced Acting Studio: Dialects (3)**

This course is designed to be an advanced scene study class for the study of dialects. Students will learn International Phonetic Alphabet (IPA) as a means of transcribing different accents, and will improve their ability to perform in Standard British, Cockney, New York and American Southern accents. Prerequisite: TA 20100 Offered: intermittently.

**TA 40103 - Advanced Acting Studio: Meisner (3)**

This course is designed to teach the method of Sanford Meisner is his methods of acting and direction. This course is an in-class performance studio. The course will use the exercises and training of Meisner using scripts from a variety of contemporary theatre. Prerequisite: TA 20100 Offered: intermittently.

**TA 40104 - Advanced Acting Studio: On-Camera (3)**

This course is designed to teach actors how to work on camera. This course explores the techniques of slates, commercials, television, and film. Student will learn to audition for, perform, and analyze sides from a variety of television and film formats. Prerequisite: TA 20100 Offered: intermittently.

**TA 40105 - Advanced Acting Studio: Shakespeare (3)**

This course is designed to teach actors how to understand and perform Shakespeare's plays. This course is an in-class performance studio which will demystify Shakespeare's plays; students will use iambic pentameter, rhyme, and alternations of verse and prose to create dynamic performances. Prerequisite: TA 20100 Offered: intermittently.

**TA 40600 - Advanced Directing (3)**

This course offers advanced exercises in analysis and style leading to the production of a one act play. May be repeated for credit. Course fee may be required. Prerequisite: TA 35000 or permission of dean. Offered: fall semester.

**TA 40700 - Advanced Set Design (3)**

This studio course is designed for the student interested in a career in scenic design. Designs are chosen and completed with an emphasis on portfolio and personal artistic growth through diversification of techniques into related genres. May be repeated for credit. Prerequisite: TA 30700 Offered: fall and spring semesters.

**TA 40800 - Advanced Lighting Design (3)**

This course is designed for the student interested in a career in lighting design. Designs will be chosen to build individual portfolios and to expose students to the specific consideration of opera, dance, and concert genres. May be repeated for credit. Prerequisite: TA 31000 Offered: fall and spring semesters.

**TA 40900 - Advanced Costume Design (3)**

This course is designed for students interested in a career in costuming. Designs will be chosen to build individual portfolios and to challenge the advanced student's knowledge of costuming and design. May be repeated for credit. Prerequisite: TA 30900 Offered: intermittently.

**TA 41000 - Advanced Stage Management (3)**

This course will explore deeper into the principles and processes of stage management. It will examine Equity rules and regulations for a professional stage manager and the process a professional stage manager must take whether it will be for a theatrical production, a dance concert, a musical concert, or a touring production. Students will be required to stage manage a full length production, a touring show, a dance concert, or music week. May be repeated for credit. Prerequisite: TA 11100 and TA 21000 Offered: fall semester.

**TA 41100 - Advanced Theatre Technology (3)**

This course is a focused examination and practical application of non-design related area of theatre technology. Students will focus on specific areas, including but not limited to, technical direction, scenic art, props, projections, and electrics through the completion of one or more assigned projects and weekly meeting with the instructor. Prerequisite: TA 21300 and TA 21400 Offered: spring semester.

**TA 43000 - Theatre Workshop (1-6)**

This advanced course of study which may include such topics as staged readings, new play development, advanced character analysis and application, production and design projects, alternative acting and directing methodologies, and voice and movement studies. Prerequisite: permission of dean. Offered: intermittently.

**TA 46500 - Professional Internship (1-6)**

Supervised work experience for the advanced student which requires the application of principles, skills, and strategies within the discipline. Requires signed internship agreement by student, faculty of record, and supervisor representing host organization. May be repeated for a maximum of six credit hours. Prerequisite: Sophomore standing, and permission of dean. Offered: fall and spring semesters.

**TA 48000 - Career and Portfolio Seminar (3)**

This practical course is designed to prepare students for their successful entry into various careers associated with theatre, including middle and secondary school teaching, admission to graduate school, professional performance, directing, and/or technical theatre work, etc. Prerequisite: Junior standing as a major in the department of theatre or permission of dean. Offered: spring semester.

**TA 48900 - Senior Project (3)**

All senior level BFA students must enroll in this course which is a culmination of their work at Lindenwood. The student project will be assigned by the faculty and will depend on production needs and the student's major. The student will be required to work a minimum of 125 hours for this project and participate in the Senior Showcase. Course fee may be required. Prerequisite: permission of dean. Offered: spring semester.

## FACULTY

**Abbott, Marilyn S. (1997)**

*Professor of Biology and Associate Provost*  
AB, Indiana University; PhD, Purdue University

**Acker, Lawrence E. (2013)**

*Associate Professor of Health Management and Program Director, BS in Health Management*  
BA, Saint Louis University; MHA, Washington University; PhD, University of Missouri-St. Louis

**Albee, Alison J. (2013)**

*Assistant Professor of Biology*  
BS, Purdue University; PhD, University of Wisconsin-Madison

**Alameda, Annie (2007)**

*Associate Professor of Physical Education and Health and Chair, Department of Physical Education and Health*  
BS, Illinois State University; MS, Saint Louis University; EdD, Lindenwood University

**Aldridge, Amanda (2012)**

*Coordinator of Charter Schools and Secondary Student Teaching*  
BS, University of Missouri-Columbia; MEd, University of Missouri-St. Louis

**Allen, Robert (2008)**

*Associate Professor of Business and Division Chair, School of Business and Entrepreneurship*  
BS, Missouri Valley College; MBA, University of Missouri-Columbia; DBA, Nova Southeastern University

**Alsobrook, Joseph A. (2004)**

*Associate Professor of Music and Dean, School of Fine and Performing Arts*  
BA, Southwestern Oklahoma State University; MA, EdD, Lindenwood University

**Ammann, Elizabeth M. (1983)**

*Associate Professor of Accounting*  
BS, Southern Illinois University-Carbondale; MBA, Southern Illinois University-Edwardsville

**Anderson, C. Gregory (2010)**

*Associate Professor of Biology and Chair, Department of Biology*  
BA, University of Missouri-Columbia; PhD, University of Tennessee

**Arendt, Brian (2012)**

*Assistant Professor of Chinese Studies*  
BA, University of Missouri-St. Louis; MA, SUNY-Stony Brook; PhD, Georgetown University

**Arns, David H. (1999)**

*Associate Professor of Marketing; Chair, Department of Marketing; and Faculty Athletics Representative, NCAA Sports*  
BS, Southern Illinois University-Carbondale; MS, Southern Illinois University-Edwardsville

**Ayres, Deb (2008)**

*Vice President for Human Resources*  
BS, Missouri State University; MS, University of Missouri-St. Louis; EdD, University of Missouri-Columbia

**Ball, Andrew (2012)**

*Assistant Professor of Humanities and Program Director, Humanities Clusters*  
BA, Purdue University; MA, University of Pennsylvania; PhD, Purdue University

**Balogh, Alexander (2005)**

*Associate Professor of English*  
BA, University of Oregon; MA, Southern Illinois University-Carbondale; MFA, Lindenwood University

**Banerjee, Gaurango (2013)**

*Professor of Finance*  
BS, MSc, Birla Institute of Technology and Science, India; PhD, University of Alabama

**Barnes, Janet L. (2007)**

*Assistant Professor of Teacher Education*  
BS, MEd, University of Missouri-St. Louis

**Beane, Robbie (2010)**

*Associate Professor of Mathematics*  
BS, MS, University of Missouri-Rolla; PhD, Missouri University of Science and Technology

**Beckerle, John R. (2001)**

*Professor of Nonprofit Administration and Chair, Department of Fire and Paramedic Science*  
BA, MA, MBA, EdD, Lindenwood University

**Bennett, Katrina (2008)**

*Assistant Professor of Fashion Design*  
BA, MFA, Lindenwood University

**Bice, Cynthia J. Francis (2006)**

*Professor of Education and Dean, School of Education*  
BA, Lindenwood University; MS, Central Missouri State University; EdD, Saint Louis University

**Biggerstaff, Randy (1997)**

*Associate Professor of Education; Athletic Trainer; and Chair, Department of Athletic Training*  
BS, University of Missouri-Columbia; MS, Lindenwood University; ATC

**Biri, Colleen (2003)***Professor of Psychology*

BA, Southwest Missouri State University; MA, PsyD, Georgia School of Professional Psychology

**Blum, Erica (2008)***Assistant Professor of Communications*

BFA, Ohio University; MA, Lindenwood University

**Blythe, Stephen A. (2009)***Associate Professor of Computer Science*

BS, University of Delaware; MS, PhD, Rensselaer Polytechnic Institute

**Boyd, James W. (2008)***Professor of Finance and Chair, Department of Finance*

BA, University of Texas at Austin; MBA, PhD, University of Arkansas

**Brennan, Daniel J. (2007)***Assistant Professor of Athletic Training*

BS, MA, Western Kentucky University

**Brickler-Ulrich, Kimberly K. (2003)***Associate Professor of Accounting*

BS, Truman State University; MBA, Saint Louis University; CPA

**Brown, David (2000)***Professor of Philosophy and Chair, Department of Philosophy*

BA, Gordon College; MA, University of Houston; PhD, University of Toronto

**Brown-Hudson, Heather (2010)***Associate Professor of French, English and Gender Studies; Chair, Department of Gender Studies*

BA, Temple University; MA, Middlebury College; PhD, The Graduate Center, City University of New York

**Bruce, Matthew (2012)***Assistant Professor of Religion*

BA, Wheaton College; MDiv, Princeton Theological Seminary; MTh, University of Edinburgh; PhD, Princeton Seminary

**Buenger, David (2010)***Assistant Professor of Accounting*

BS, Truman State University; MBA, Webster University; CPA, CMA, CFM

**Burke, Sandra L. (1997)***Professor of Art*

BS, Texas Woman's University; MFA, Lindenwood University

**Carlos, Peter (2004)***Associate Professor of Communications and LUTV Station Manager*

BA, University of Missouri-St. Louis; MA, Middlebury College; MFA, Lindenwood University

**Carnes, Geremy (2013)***Assistant Professor of English*

BA, University of Notre Dame; PhD, University of Michigan

**Carper, Michael (2006)***Assistant Professor of Philosophy*

BA, MA, University of Nebraska-Kearney; MTS, Boston University

**Cawly, John (2008)***Assistant Professor of Biology*

BS, MS, Southern Illinois University-Edwardsville; PhD, University of Missouri-Columbia

**Cernik, Joseph A. (1990)***Professor of Political Science and Public Administration; Chair, Department of Political Science; and Chair, Department of International Relations*

BA, Adelphi University; MA, PhD, New York University; MBA, Lindenwood University

**Coble, Kyle (2012)***Assistant Professor of Marketing; Program Director, Marketing Clusters; and MSA in Marketing*

BS, MIAA, Southwest Missouri State University; PhD, Saint Louis University

**Cochran, Vanessa (2011)***Assistant Professor of Teacher Education; Chair, Department of Elementary Education; Coordinator, Master of Arts in Teaching Program*

BS, Missouri Baptist University; MA, Lindenwood University; PhD, Saint Louis University

**Cohen, Theodore W. (2014)***Assistant Professor of History*

BA, Yale University; PhD, University of Maryland, College Park

**Collier, Darren (2003)***Assistant Professor of Communications*

BA, MFA, Lindenwood University

**Coker, Stanley, (2008)***Associate Professor of Management and Chair, Department of Management*

BS, United States Air Force Academy; MA, MBA, DMgt, Webster University

**Cooper, Benjamin (2014)***Assistant Professor of English*

BA, Davidson College; MA, Northwestern University; MA Washington University; PhD, Washington University

**Cooper, Richard Alan (2012)***Assistant Professor of Human Resource Management and Program Director, BS in Undergraduate Human Resource Management*

BS/BA, University of Arkansas; JD, Washington University

**Corbin, G. Paul (2004)**

*Associate Professor of Criminal Justice and Chair, Department of Military Science*  
AAS, Meramec Community College; BS, MA, Lincoln University of Missouri; Post-Graduate, Northwestern University

**Cupples, Tommy (2013)**

*Associate Professor of Information Technology and Program Director, BS and MS in Information Technology*  
BA, Union University; BS, Missouri Baptist University; MS, Washington University; EdD, NOVA Southeastern University

**Curtis, Ryan (2008)**

*Associate Professor of Music and Director of Bands*  
BS, Missouri State University; MA, University of Missouri-St. Louis; EdD, Lindenwood University

**Cusumano, Joseph (2013)**

*Associate Professor of Counseling and Director, Student Counseling and Resource Center*  
BS, MEd, University of Missouri-St. Louis; PhD, Saint Louis University

**Daly, Shelly (2011)**

*Associate Professor of International Business*  
BS, University of Missouri-Columbia; MBA, PhD, Saint Louis University

**Dames, Christina (2012)**

*Assistant Professor of Anthropology*  
BA, Truman State University; MA, PhD, University of Missouri-Columbia

**Dasovich, Steve J. (2010)**

*Assistant Professor of Anthropology and Archeology and Chair, Department of Anthropology and Sociology*  
BA, University of South Dakota; MS, Florida State University; PhD, University of Missouri-Columbia

**Delgado, Ricardo A. (2006)**

*Associate Professor of Chemistry and Dean, School of Sciences*  
BS, Texas A&I University; MS, PhD, University of Missouri-St. Louis

**DeVore, Sherry (2008)**

*Instructor of Educational Leadership*  
BS, MA, EdS, Missouri State University; EdD University of Missouri-Columbia

**Dey, Sajalendu (2004)**

*Professor of Physics and Pre-Engineering*  
BSc, MSc, Dhaka University, Bangladesh; MSc, Brock University, Ontario; PhD, Iowa State University; MSc, University of Missouri-St. Louis; MBA, Lindenwood University

**Douchant, Rachel (2005)**

*Associate Professor of Philosophy and Director, Liberty and Ethics Center*  
BA, Lindenwood University; PhD, Saint Louis University

**Dunn, Gerald (2007)**

*Associate Professor of Mathematics*  
BS, University of New Orleans; PhD, University of Michigan

**Durbin, Nancy (2001)**

*Professor of Foreign Languages and Chair, Department of Foreign Languages*  
BA, University of Missouri-Columbia; MA, PhD, Washington University

**Ellis, Peggy (2012)**

*Professor of Nursing and Dean, School of Nursing and Allied Sciences*  
BSN, Southeast Missouri State University; MSN, University of Central Arkansas; PhD, Southern Illinois University-Carbondale

**Ellis, Roger (1997)**

*Professor of Business and Dean, School of Business and Entrepreneurship*  
BS, University of Missouri-Rolla; JD, University of Arkansas

**Engleking, Charlene (1995)**

*Professor of Humanities and Program Director, Bachelor of Liberal Studies and Communications Clusters*  
BA, Southwestern College; MEd, University of Missouri-Columbia; MFA, Lindenwood University

**Ezvan, Mira (1984)**

*Professor of Management and Management Information Systems and Chair, Department of Management Information Systems*  
MS, Technical University of Wroclaw, Poland; PhD, Southern Illinois University

**Falk, Jill (2006)**

*Associate Professor of Communications; Program Manager, Journalism; and Director, LUTV News*  
BA, Eastern Illinois University; MA, University of Illinois

**Firestine-Scanlon, Jennifer (2003)**

*Associate Professor of Chemistry and Chair, Department of Chemistry*  
BS, Eastern Oregon State College; PhD, Arizona State University

**Fleitz, Elizabeth (2013)**

*Assistant Professor of English*  
BS, MA, PhD, Bowling Green State University

**Ford, Yvonnda L. (2012)**

*Assistant Professor of Health Management and Program Director, MS in Healthcare Administration* BS, MS, JD, Saint Louis University

**Fox, Elizabeth (2011)**

*Assistant Professor of Exercise Sciences*  
BS, MS, Saint Louis University

**Freeman, Janis (2007)**

*Associate Professor of Teacher Education*  
BS, MA, EdD, University of Missouri-Columbia

**Ganahl, Gina (2014)**

*Assistant Professor of Education and Dean, School of Accelerated Degree Programs*  
BS, University of Illinois-Urbana; MEd, PhD, University of Missouri-Columbia

**Gibbs, Yvonne (2008)**

*Associate Professor of Library Media and Chair, Advanced Teacher Education Program*  
BSE, Southeast Missouri State University; MA, EdD, Lindenwood University

**Gietschier, Steven P. (2009)**

*University Curator; Associate Professor of History; and Faculty Athletics Representative, SLS Sports*  
BSFS, Georgetown University; MA, PhD, The Ohio State University

**Gismegian, Mary (2001)**

*Assistant Professor of Education*  
BS, Southern Illinois University; MA, Lindenwood University

**Glover, Kyle S. (1998)**

*Professor of English and Chair, Department of English*  
BA, Oklahoma Baptist University; MA, Baylor University; PhD, University of Missouri-Columbia

**Glynn, James M. (2014)**

*Assistant Professor of Criminal Justice and Program Director, MS in Criminal Justice*  
BA, Loyola University of Chicago; MA, Catholic University of America; JD Tulane University

**Godar, Tom (2003)**

*Associate Professor of Athletic Training; Clinical Coordinator and Head Trainer, Football*  
BS, Southern Illinois University-Carbondale; MS, Lindenwood University

**Golik, Wojciech L. (2001)**

*Professor of Mathematics and Chair, Department of Mathematics*  
BS, MS Poznan University of Technology, Poznan, Poland; MS, PhD, New Mexico State University

**Gossett, Rachael (2013)**

*Assistant Professor of Criminal Justice*  
BA, MA, PhD, The Ohio State University

**Green, Christina Marie (1999)**

*Associate Professor of English*  
BA, Regis University; MAT, Webster University; MA, University of Missouri-St. Louis

**Grooms, Pamela (2007)**

*Associate Professor of Music and Chair, Department of Music*  
BA, Central Missouri State University; MA, University of Missouri-St. Louis

**Grosso, Tina (2010)**

*Assistant Professor of Gerontology and Program Director, MA in Gerontology*  
BS, MS Lindenwood University

**Guffey, Ryan (2003)**

*Assistant Professor of International Relations; Chair, Department of Chinese Studies; and Assistant Vice President for Student Development*  
BS, MBA, Lindenwood University; MA, The Queen's University of Belfast; PhD Saint Louis University

**Hammond, Kay A. (1998)**

*Assistant Professor of Communications*  
BA, MBA, Lindenwood University

**Hamra, Teresa (2015)**

*Assistant Professor of Nursing and Allied Health Sciences*  
BSN, University of Missouri, St. Louis; MSN, University of Missouri, St. Louis

**Harding, Kimberly (2015)**

*Instructor and Director, Field and Clinical Experiences*  
BS, Southeast Missouri State University; MA, University of Missouri St. Louis; PhD, St. Louis University BA, Southwest Missouri State University; MA, University of Missouri St. Louis; PhD, St. Louis University

**Hargate, Jon Grant (1983)**

*Professor of Art*  
AA, Meramec Community College; BFA, Southern Illinois University-Edwardsville; MFA, University of Cincinnati

**Harris, Shenika (2014)**

*Assistant Professor of Spanish*  
BA, University of Missouri-St. Louis; MA, Saint Louis University; PhD, University of Wisconsin-Madison

**Hauck, John (2004)**

*Associate Professor of Physics*  
BS, Parks College of Saint Louis University; MS, Georgia Institute of Technology; PhD, University of Missouri-Columbia

**Heidenreich Jr., Donald (2000)**

*Professor of History*  
BA, San Francisco State University; MA, University of Arizona; PhD, University of Missouri-Columbia

**Heinle, Jeff (2011)**

*Associate Professor of Communications and Program Director, BA and MA in Communications*  
BA, University of Wisconsin; MA, City University of New York; PhD, University of Wisconsin

**Hendrix, Evelyn K. (2007)**

*Associate Professor of Human Resource Management*  
BS, University of Wisconsin-Milwaukee; MBA,  
Lindenwood University; MA, PsyD, George Mason  
University

**Henschke, John (2009)**

*Associate Professor of Educational Leadership*  
BA, Bob Jones University; MDiv, Northern Baptist  
Theological Seminary; ThM, Northern Baptist Theological  
Seminary; EdD, Boston University

**Herrell, Katherine (2012)**

*Assistant Professor of Music*  
BA, Truman State University; MBA, Maryville University;  
MA, EdD Lindenwood University

**Heyn, Hollis Carolyn (1996)**

*Associate Professor of English*  
BA, Lindenwood University; MA, Southern Illinois  
University

**Holden, Angela D. (2009)**

*Associate Professor of Management and Division Director,  
Business Administration* Degrass  
BA, National-Louis University; MBA, Lindenwood  
University; DMgt, Webster University

**Hollis, Stuart (2014)**

*Assistant Professor of Theatre and Technical Director*  
BFA, Shenandoah College and Conservatory of Music;  
MFA, Southern Methodist University

**Hoormann, Matthew (2014)**

*Assistant Professor of Music*  
BM, MM, Southern Illinois University Edwardsville;  
DMA, University of California Los Angeles

**Horstmeier, James (1996)**

*Associate Professor of Education and Program Director,  
Cross-Cultural and Social Science Clusters*  
BS, University of Missouri; MS, Lindenwood University

**Hubbell, Audra (2014)**

*Assistant Professor of Graphic Design*  
BFA, Truman State University; MFA University of Illinois  
at Chicago

**Hudgins, Molly (2003)**

*Associate Professor of Sport Management and Chair,  
Department of Sport Management*  
BA, Southern Illinois University-Carbondale; MS, Florida  
State University; JD, University of Tennessee College of  
Law

**Hurst, Spencer (1999)**

*Associate Professor of English*  
BA, Westminster College; MBA, Southern  
Illinois University-Edwardsville; MFA, University of  
Missouri-St. Louis

**Hutcheson, Jill (2013)**

*Assistant Professor of Teacher Education and Chair,  
Teacher Education Initial Certification*  
BS, University of Missouri-Columbia; EdS, EdD,  
Lindenwood University

**Hutson Jr., James Lee (2010)**

*Associate Professor of Art History*  
BA, MA, Southern Methodist University; PhD, University  
of Maryland

**Ibele, Michael E. (2011)**

*Assistant Professor of Chemistry*  
BS, University of North Carolina; PhD, Pennsylvania State  
University

**Intihar, Pyra (2008)**

*Assistant Professor of English*  
BA, Lindenwood University; MA, University of Missouri-  
St. Louis; MFA, Lindenwood University

**Isenberg, Susan (2008)**

*Associate Professor of Educational Leadership*  
BS, MEd, PhD, University of Missouri-St. Louis

**Jia, Darla (2010)**

*Assistant Professor of Chemistry*  
BS, North Dakota State University; PhD, University of  
California-Irvine

**Johnson, Debra L. (2003)**

*Associate Professor of Social Work*  
BSW, Southeast Missouri State University; MSW,  
Washington University

**Johnson, Emilie Wright (1999)**

*Professor of Teacher Education*  
BS, MS, Missouri State University; PhD, Saint Louis  
University

**Johnson, Kenneth (1996)**

*Professor of Education and Chair, Department of  
Education*  
BS, Central Missouri State University; MEd, University of  
Missouri-Columbia; EdD, Southern Illinois University-  
Edwardsville

**Johnston, Christopher (2006)**

*Associate Professor of Mathematics*  
BS, University of Missouri-Columbia, MA, Michigan State  
University, PhD, Northeastern University

**Johnston, Gail (2003)**

*Professor of Biology*  
BS, MS, Mississippi State University; PhD, Southern  
Illinois University-Carbondale

**Jones, Emily (2010)**

*Associate Professor of Theatre and Chair, Department of  
Theatre*  
BFA, Midwestern State University; MFA, University of  
Arkansas



**Kamm, Judy K. (1996)**

*Associate Professor of Economics*  
BS, MA, University of Missouri-St. Louis

**Kania-Gosche, Beth (2009)**

*Associate Professor of Educational Leadership and Assistant Dean, Accreditation and Faculty Development*  
BS, Southeast Missouri State University; MEd, University of Missouri-Columbia; PhD, Saint Louis University

**Karraker, Holly Beth (2007)**

*Associate Professor of Counseling*  
BA, MA, PhD, Saint Louis University

**Kelly, Nicholas (2009)**

*Assistant Professor of Theatre*  
MA, MFA Lindenwood University

**Kerksick, Chad (2015)**

*Assistant Professor of Exercise Science*  
BS, Truman State University; MS, University of Memphis; PhD, Baylor University

**Kerksiek, Jo Ellen (1997)**

*Professor of History and Director, Study Abroad*  
BS, MA, Northwest Missouri State University; PhD, University of Kansas

**Kichkha, Areeerat (2013)**

*Assistant Professor of Economics and Program Director, Economics Clusters*  
BBA, Rhamkhamhaeng University, Thailand, MBA, Webster University; MS, Southern Illinois University-Edwardsville; PhD, Southern Illinois University-Carbondale

**Kiel, Deborah (2013)**

*Associate Professor of Nursing and Director, Graduate Nursing Programs*  
BSN, MSN, PhD, Saint Louis University

**King, Denise (2013)**

*Assistant Professor of Social Work*  
BS, Tennessee State University; MSW, Howard University; PhD, University of Maryland, Baltimore

**Klar, Dana (2008)**

*Associate Professor of Social Work and Chair, Department of Social Work*  
BA, Louisiana State University; MSW, JD, Washington University

**Knotts, David (2005)**

*Professor, American Studies and Dean, Daniel Boone Home and Heritage Center*  
BS, Brigham Young University; MSF, Ph.D, Stephen F. Austin State University

**Kottmeyer, Rita (1990)**

*Professor of Mathematics; Director, Math and Science Clusters*  
BS, MA, PhD, Saint Louis University

**Leavitt, Lynda (2009)**

*Associate Professor of Educational Leadership*  
BS, Central Missouri State University; BS, University of Missouri; MEd, National Louis University; EdD, Saint Louis University

**Lerman, Mark D. (2008)**

*Associate Professor of Human Resource Management and Program Director, MS in Graduate Human Resource Management*  
BA, University of Missouri-Columbia; MA, Southern Illinois University-Edwardsville; PhD, Illinois Institute of Technology

**Lively, Jason Dude (2007)**

*Professor of Communications and Program Manager of Interactive Multimedia and Web Design*  
BS, Howard Payne University; MBA, Tarleton State University; PhD, Nova Southeastern University

**Long, John (2012)**

*Assistant Professor of Educational Leadership and Chair, Educational Leadership Program*  
BA, Columbia College; MEd, University of Missouri-Columbia; EdS, Central Missouri State University; PhD, Georgia State University

**Loughlin, John (2010)**

*Associate Professor of Finance; Division Chair, School of Business and Entrepreneurship; and Chair, Department of International Business*  
BS, BA, University of Missouri-St. Louis; MBA, PhD, Saint Louis University

**Lovell, Joseph J. (2008)**

*Associate Professor and Chair, Department of Recreation Administration*  
BA, Southern Virginia University; MS, University of Idaho; EdD, Lindenwood University

**Mack, Jennifer (2010)**

*Assistant Professor of Accounting and Chair, Department of Accounting*  
BS, MGE, University of Central Oklahoma; PhD, Walden University

**Marhanka, Darren (2004)**

*Associate Professor of Criminal Justice*  
AAS, Florissant Valley Community College; BA, MBA, Lindenwood University

**Marsh, Meredith (2009)**

*Assistant Professor of Geography and Chair, Department of History and Geography*  
BA, Calvin College; MA, PhD, University of California-Santa Barbara

**Marzano, Michael P. (2009)**

*Associate Professor of Management and Division Chair, School of Business and Entrepreneurship*  
BS, Southern Illinois University-Edwardsville; MBA, Saint Louis University; MIM, Washington University; DMgt, Webster University; CPIM, CSCP

**Mason, Michael M. (1991)**

*Professor of Religion and Chair, Department of Religion*  
BS, Iowa State University; MA, Loras College; MDiv, University of Dubuque Theological Seminary; DMin, San Francisco Theological Seminary

**Mathea, Michael (2010)**

*Assistant Professor of Economics*  
BS, St. Norbert College; MA, University of Houston

**McKinney, Brandon (2012)**

*Assistant Professor of Communications*  
BA, MFA, Lindenwood University

**McMaken, W. Travis (2011)**

*Assistant Professor of Religion*  
BA, Wheaton College; MDiv, PhD, Princeton Theological Seminary

**Mead, Mary Elizabeth (2004)**

*Professor of Humanities and Program Director, MFA in Writing*  
BA, MFA, University of Missouri-St. Louis

**Menniga, Nadine L. (2007)**

*Associate Professor of Mathematics*  
BA, North Central College; AM, PhD, University of Illinois

**Mercier, Deborah (2013)**

*Assistant Professor of Nursing*  
BS, Missouri State University; BSN, MSN, Barnes Jewish College-Goldfarb School of Nursing

**Miller, Lawrence K. (2011)**

*Associate Professor of Computer Science*  
BA, University of Texas-Austin; MS, Southwest Texas State University; PhD, University of Houston

**Millians, Andrew (2014)**

*Assistant Professor of Communications*  
BA, University of Georgia; MFA, Florida State University

**Morris, Edward L. (2002)**

*Professor of Finance and Director, MBA Program*  
BA, Washington University; MBA, University of Pennsylvania; PhD, Saint Louis University

**Mueller, Carla (1998)**

*Professor of Social Work and Dean, School of Human Services*  
BS, Southern Illinois University-Carbondale; MSW, University of Illinois-Champaign-Urbana; EdD, Lindenwood University

**Nagel, Shawn (2004)**

*Assistant Professor of Physical Education and Health*  
BS, Fort Hays State University; MEd, University of Kansas

**Najjar, Annette Juliana (2001)**

*Professor of Economics*  
BS, University of West Indies; BEd, University of Toronto; MBA, Millsaps College; PhD, Kennedy-Western University

**Nicolai, Deborah (1993)**

*Associate Professor of Communications*  
BA, MA, Lindenwood University

**Nohara-LeClair, Michiko (2002)**

*Professor of Psychology*  
BS, University of Toronto; MASc, University of Waterloo; PhD, University of Connecticut

**Northcott, Donna (2007)**

*Associate Professor of Theatre*  
BA, Saint Louis University; MA, Northwestern University

**Noonan, Sarah (2011)**

*Assistant Professor of English*  
BA, Northwestern University; MA, PhD, Washington University

**Nunez-Betelu, Maite (2008)**

*Professor of Spanish*  
BA, University of Basque Country, Spain; MA, West Virginia University; PhD, University of Missouri-Columbia

**O'Banion, Patrick John (2010)**

*Assistant Professor of History*  
BA, University of California-San Diego; MA, Northwestern University; MA, Westminster Seminary in California; PhD, Saint Louis University

**Onyia, Okey Peter (2009)**

*Professor of Marketing*  
BA, University of Calabar; MBA, University of Lagos; MPhil, OA University Ile-Ife; PhD, Strathclyde University, Glasgow

**Ortiz, Nasheli J. (2013)**

*Assistant Professor of Fashion Design*  
BFA, Escuela de Artes Plásticas de Puerto Rico; MFA, Savannah College of Art and Design

**Overall, Gene (2006)**

*Associate Professor of Criminal Justice*  
BA, Arkansas State University; MA, Webster University; JD, Saint Louis University

**Panagos, Rebecca Jean (1996)**

*Professor of Teacher Education*  
BA, MA, Louisiana Tech University; PhD, University of Missouri-Columbia

**Pas, Justine (2010)***Assistant Professor of English*

BA, MA, California State University-Fullerton; PhD, University of Michigan

**Patterson, Marilyn Miller (1992)***Professor of Psychology*

BA, Florida State University; MS, EdD, Memphis State University

**Patzius, Billi J. (2007)***Associate Professor of Criminal Justice*

BA, MA, University of Missouri-St. Louis; PhD, Saint Louis University

**Peluchette, Joy V. (2013)***Professor of Management*

BS, MS, West Virginia University; DBA, Southern Illinois University-Carbondale

**Pennington, Heather (2010)***Assistant Professor of Physical Education and Health and Exercise Sciences*

B.A., Samford University; MA, University of Alabama

**Plate, Daniel (2004)***Associate Professor of English*

BA, Taylor University; MFA, University of Arkansas; MA, Washington University; PhD, Washington University

**Poertner, Tim (2008)***Associate Professor of Theatre and Lighting Director*

BA, University of Missouri-Columbia; MFA, University of Texas-Austin

**Porter, Renee (2007)***Professor of Management and Associate Dean, School of Business and Entrepreneurship*

BS, University of Southern Mississippi; MBA, Southern Illinois University-Edwardsville; PhD, Saint Louis University

**Qualls, Melissa (2002)***Assistant Professor of English*

BA, MA, Truman State University

**Quiggins, Larry (2002)***Associate Professor of Theatre*

BA, MFA, Lindenwood University

**Rankins, Michael (2008)***Associate Professor of Counseling and Assistant Dean, Department of Counseling*

BPsy, MEd, PhD, University of Missouri-St. Louis

**Ratican, Jeremiah (2014)***Assistant Professor of Communications*

AA, East Central College; BA, Webster University; MS, University of Advancing Technology

**Reighard, Richard (1987)***Associate Professor of Communications and KCLC Operations Director*

BA, MA, Lindenwood University

**RinconGallardo, Toni J. (1984)***Associate Professor of Psychology and Chair, Department of Psychology*

BA, MA, Lindenwood University; PhD, Capella University

**Rodermund, Robert (2009)***Assistant Professor of Finance*

BSBA, Washington University; MSCFE, University of Missouri-Columbia

**Romero-Ghiretti, Gabriela (2012)***Assistant Professor of Spanish*

BA, Universidad Nacional de Cuyo, Mendoza, Argentina; MA, PhD, Washington University

**Rosenwasser, David (2011)***Associate Professor of Marketing and Sport Management and Director, Duree Center for Entrepreneurship*

BA, University of Maryland; MBA, University of Wisconsin; JD, Texas Southern University

**Ruettgers, Mary (2014)***Assistant Professor of Teacher Education, Middle/Secondary School Program Chair*

BS, McKendree; MA, University of Missouri-St. Louis; MA, EdD, Lindenwood University

**Sakahara, Suzanne A. (1978)***Associate Professor of Art*

BS, Fontbonne College; MA, Saint Louis University; MA, Washington University

**Schaefer, Patricia (2009)***Assistant Professor of Human Resource Management*

BGS, University of Missouri-St. Louis; JD, Saint Louis University

**Schneider, Karolina (2011)***Assistant Professor of Marketing*

BA, BS, MBA, EdD, Lindenwood University

**Schneider, Nancy (1999)***Associate Professor of Teacher Education*

BS, MS, EdS, Southwest Missouri State University; EdD, University of Missouri-Columbia

**Scholle, Benjamin A. (2002)***Professor of Communications and Program Manager of Cinema and Television*

BA, Washington University; MFA, American University

**Schroeder, Cynthia A. (2010)***Associate Professor of Exercise Sciences and Dean, School of Sport, Recreation, and Exercise Sciences*

BS, Southern Illinois University-Carbondale; MS, Northeastern Illinois University-Chicago; PhD, University of Kansas-Lawrence

**Schnellmann, Ana (1995)***Professor of English*

BA, The College of St. Benedict; Graduate Certificate, MA, Ohio University; PhD, Saint Louis University

**Scribner, Christopher (1995)***Professor of Psychology*

BA, Earlham College; PhD, University of Tennessee

**Sharp, Chryssa (2008)***Associate Professor of International Business*

BS, University of Illinois-Urbana-Champaign; MBA, Thunderbird School of Global Management; PhD, University of Calgary, Alberta, Canada

**Sherblom, Stephen (2008)***Associate Professor of Educational Leadership*

BA, University of Massachusetts; EdM, EdD, Harvard University

**Shostak, Grant J. (2012)***Assistant Professor of Criminal Justice*

BGS, JD, University of Missouri-Columbia

**Singer, Robert A. (2009)***Associate Professor of Accounting*

BS, MBA, PhD, Saint Louis University; CPA

**Smith, Andrew (2011)***Assistant Professor of Communications*

BA, MA, Webster University

**Smith, Jeffrey (1996)***Professor of History*

BA, Mount Union College; MFA, Syracuse University; PhD, University of Akron

**Smith, Kris Runberg (2002)***Professor of History*

BA, University of Idaho; MA, Washington State University; PhD, Saint Louis University

**Stanley, Jacob (2012)***Assistant Professor of Art*

BA, DePauw University; MFA, The University of Tennessee

**Steiniger, Joseph (2014)***Assistant Professor of Philosophy*

BA, MA, University of Kansas, MA, PhD, University of Chicago

**Stewart, Terrance A. (2007)***Assistant Professor of Educational Leadership and Assistant Dean, Department of Educational Leadership*

BS, University of Missouri-Columbia; MS, Central Missouri State University; EdD, University of Missouri-Columbia

**Stocker, Gary (2012)***Assistant Professor of Management and Program Director, Management Clusters and MSA in Management*

BS, Eastern Illinois University; MA, Webster University; DMgt, Webster University

**Strzelec, Janet (1998)***Associate Professor of Dance and Chair, Department of Dance*

BS, Southern Illinois University-Edwardsville; MFA, Lindenwood University

**Daniel Sweeney (2014)***Associate Professor of Sport Management*

BEd, McGill University; MHK, University of Windsor, Ontario Canada; PhD, Florida State University

**Talbott, F. Robert (2007)***Assistant Professor of Management Information Systems*

BS, Southern Illinois University-Edwardsville; MBA, Lindenwood University

**Taylor, Jennifer (2013)***Associate Professor of Nursing*

BSN, Saint Louis University; MSN, PhD, University of Missouri-St. Louis

**Tessmer, Kathryn (2012)***Associate Professor of Exercise Sciences and Chair, Department of Exercise Sciences*

BA, Blackburn College; MEd, Southern Illinois University-Carbondale; PhD, University of Pittsburgh

**Thies, Jeanie (2007)***Associate Professor of Criminal Justice and Dean, Institutional Research*

BA, University of Missouri-Columbia; MA, PhD, University of Missouri-St. Louis

**Thomason, Andrew (2004)***Associate Professor of English*

BA, Lindenwood University; MA, MLA, Washington University

**Towers, Donna (1998)***Assistant Professor of Education*

BS, Lindenwood University; MA, EdS, Northeast Missouri State University; EdD, California Coast University

**Townsend, Maryann (1995)***Associate Professor of Management and Management Information Systems*

BA, MS, MBA, EdD, Lindenwood University

**Trawick, Chajuana (2012)***Assistant Professor of Fashion Design*

BS, MBA, MFACS, Fontbonne University; PhD, University of Missouri-Columbia

**Troy, John (2002)***Associate Professor of Art and Chair, Department of Art and Design*

BFA, Washington University; MFA, Temple University

**Tucciarone, Kristy (2014)**

*Associate Professor of Communications Program Manager of Advertising and Public Relations: Corporate Communications*

BA, University of Missouri-St. Louis; MA, Lindenwood University; PhD, University of Missouri-St. Louis

**Turner, Julie (2007)**

*Associate Professor of Nonprofit Administration and Chair, Department of Nonprofit Administration*

BA, Hope College; MA, Michigan State University; PhD, University of Missouri-St. Louis

**Vahle, William B. (2004)**

*Associate Professor of Management and Tennis Coach*

BS, Purdue University; MBA, University of Michigan

**Van der Graaf, Vanessa (2008)**

*Associate Professor of Teacher Education*

BS, University of Missouri-St. Louis; MEd, EdS, EdD, Lindenwood University

**Van Dyke, C. Renee (2001)**

*Associate Professor of Mathematics and Computer Science and Chair, Department of Computer Science*

BS, Towson State University; MS, Midwestern State University

**Vazis, Dean (2006)**

*Assistant Professor of Educational Leadership and Chair, Department of Educational Leadership*

BS, Southwest Missouri State University; MA, Truman State University; EdS, EdD, University of Missouri-Columbia

**Voss, Edward (2006)**

*Assistant Professor of Communications and LUTV Operations Manager*

BA, University of Missouri; MA, Webster University

**Wagener, Donna (2014)**

*Assistant Professor of Teacher Education*

BA, MA, University of Missouri-St. Louis; EdD, Maryville University

**Wall, Howard (2011)**

*Associate Professor of Economics; Director, Hammond Institute; Director, Center for Economics and the Environment; and Chair, Department of Economics*

BA, State University of New York at Binghamton; MA, PhD, State University of New York at Buffalo

**Wall, Mike (2001)**

*Associate Professor of Communications; Program Manager, Mass Communications; Dean, School of Communications; and General Manager, KCLC Radio*

BA, MA, Lindenwood University

**Walsh, Donnell (1991)**

*Professor of Theatre*

BA, University of San Francisco; MFA, Stanford University

**Walker, P.D. (2012)**

*Associate Professor of Nonprofit Administration*

BA, MBA, Hampton University; JD, Regent University

**Walton, C. Dale (2012)**

*Professor of Political Science and International Relations*

BA, University of New Mexico; MS, Missouri State University; PhD, University of Hull, United Kingdom

**Wang, David (2010)**

*Assistant Professor of Communications*

BFA, Drake University; MFA, Louisiana Tech University

**Weir, Graham (2009)**

*Associate Professor of Educational Leadership and Chair, Department of Educational Leadership*

BA, Principia College; MA, Truman State University; EdS, PhD, Saint Louis University

**Wehmer-Callahan, Laura (2012)**

*Instructor of TESOL and Coordinator, English Preparedness for Business*

BS, MA, Southern Illinois University-Edwardsville

**Welsh, Chad T. (2010)**

*Assistant Professor of Biology*

BS, MS, Middle Tennessee State University; PhD, University of Louisville

**Whaley, Michael J. (2002)**

*Professor of History; Dean, School of Humanities; and Chair, American Studies Department*

BA, University of Missouri-Columbia; MA, University of Missouri-St. Louis; PhD, Southern Illinois University-Carbondale

**Willbrand, Kimberly (2010)**

*Assistant Professor of Accounting*

BSBA, University of Missouri-St. Louis; MBA, Lindenwood University; CPA

**Williams, William Shane (2005)**

*Associate Professor of Music*

BS, Austin Peay State University; MM, St. Louis Conservatory of Music; MM, University of Missouri-Columbia

**Williamson, Shane Y. (2007)**

*Associate Professor of Education and Dean, First-Year Programs*

BSBA, MS, Shippensburg University; MBA, Lindenwood University; EdD, Rutgers University

**Winslow, Kevin D. (2011)**

*Professor of Educational Leadership*

BA, Biola University; MEd, George Mason University; PhD, George Mason University

**Wintz, Nicholas J. (2011)**

*Assistant Professor of Mathematics*

BS, MA, Marshall University; PhD, Missouri University of Science and Technology

**Wisdom, Sherrie (2009)**

*Associate Professor of Educational Leadership; and Supervisor, EdD Dissertations*  
 BSE, Truman State University; MEd, University of Missouri-Columbia; MA, University of Missouri-St. Louis; EdS, Webster University; EdD, Lindenwood University

**Witherspoon, Pernell (2005)**

*Associate Professor of Criminal Justice and Chair, Department of Criminal Justice*  
 BS, MS, PhD, University of Missouri-St. Louis

**Wooldridge, Cynthia (2012)**

*Assistant Professor of Psychology*  
 BS, Truman State University; MA, PhD, Washington University

**Wright, Paul (2007)**

*Associate Professor of Physical Education and Health*  
 BS, MS, Clemson University; PhD, University of Utah

**Young, Delaine C. (2000)**

*Associate Professor of Exercise Sciences and Athletic Trainer*  
 BA, Lakeland College; MEd, Southern Illinois University-Edwardsville; EdD, Lindenwood University

**Zweier, Tricia (2011)**

*Assistant Professor of Dance*  
 BS, Richard Stockton College of New Jersey; MS, MFA, University of North Carolina-Greensboro

**Professional Staff****Ahne, Kelly (1993)**

*Accounting Assistant*  
 BA, University of Missouri-Columbia; MBA, Lindenwood University

**Baber, Donna (2012)**

*Director, Planned Giving*  
 BA, Hendrix College; JD, Tulane University

**Barger, Brett (2005)**

*Associate Vice President, Operations; Chief Purchasing Officer for Finance; and Dean, Evening Admissions and Extension Campuses*  
 BA, MBA, Lindenwood University

**Baum, Jane (2009)**

*Director, Athletics Development*  
 BA, Lindenwood University

**Bear, Kimberly (2013)**

*Degree Audit Coordinator*  
 BA, MBA, Lindenwood University

**Beard, Julie (2005)**

*Director, Editing Services and Editor in Chief, Lindenwood University Press*  
 BFA, Stephens College; MSJ, Northwestern University

**Beckemeier, Lara (2009)**

*Admissions/Financial Aid Counselor*  
 BA, MBA, Lindenwood University

**Beuster, Nathan (2011)**

*Assistant Baseball Coach*  
 BA, Culver Stockton College; MA, Lindenwood University

**Bhatnagar, Rita (2007)**

*IT Database Administrator*  
 BS, MBA, University of Udaipur

**Biggerstaff, Amanda (2005)**

*Systems Analyst*  
 BS, MBA, Lindenwood University

**Bode, Lori (2006)**

*Director, Financial Aid*  
 BA, Lindenwood University

**Bortle, Austin (2011)**

*Assistant Football Coach*  
 BA, MA, Lindenwood University

**Broussard, Willie J. Jr. (2014)**

*Dean, Lindenwood Online*  
 BS, Lamar University; MBA, University of Phoenix; EdD, University of Houston

**Brown, Linda (2006)**

*Assistant Professor of Education and Southwest Missouri Student Advisor*  
 BA, Southwest Baptist University; MEd, Drury University

**Butler, Timothy (2013)**

*University Chaplain and Instructor of Religion and Christian Ministry Studies*  
 BA, Lindenwood University

**Castillo, Crystal (2010)**

*Admissions/Financial Aid Counselor and NCAA Liaison*  
 BA, MBA, Lindenwood University

**Cole, Randal (2012)**

*Cross Country Coach*  
 BS, California Polytechnic State University; MA, Kansas State University

**Colombatto, Peter (2013)**

*Director of Marketing and Patron Services, J. Scheidegger Center for the Arts*  
 BA, Arts Management; BA, Business Administration; BFA, Musical Theatre; MFA, Theatre and Arts Management

**Connor, Jared (2011)**

*Student Support and Disability Coordinator*  
 BS, Southern Illinois University-Carbondale

**Cornwell, Nichole (2012)**

*Associate Director, Student Life and Leadership*  
BS, Fontbonne University; MS, University of Central Missouri

**Creer, John (1991)**

*Dean, Intercollegiate Athletics*  
BA, Western Michigan University; MEd, Troy State University

**Cribbin, Jack (2007)**

*Women's Lacrosse Coach and Athletics Marketing Director*  
BA, MA, Lindenwood University

**Curic, Nenad (2008)**

*Financial Aid Disbursement Officer*  
BA, MBA, Lindenwood University

**Cusumano, Cary (2011)**

*Assistant Volleyball Coach*  
BA, Harris Stowe State University; MA, Lindenwood University

**Dickherber, David (1998)**

*Spirit Shoppe Manager*  
BA, Southern Illinois University-Carbondale; MBA, Lindenwood University

**Dorlac, Michael Anthony (2006)**

*Reference Librarian*  
BA, Webster University; MA, University of Missouri-Columbia

**Duggan, Christopher (2006)**

*Public Relations Coordinator*  
BA, University of Missouri-St. Louis; MA, Lindenwood University

**Edele, Susan (2007)**

*Instructor of Humanities and Writing Center Coordinator*  
BSE, Truman State University; MA, University of Missouri-St. Louis

**Edwards, George (2006)**

*Assistant Professor of Education and North County Coordinator*  
BS, University of Arkansas-Pine Bluff; MA, Truman State University; EdD, Lindenwood University

**Elam, Mike (2008)**

*Director, Student Life Sports*  
BA, Lindenwood University

**Fasiska, Carrie (2012)**

*Campus Director, O'Fallon*  
BFA, University of Missouri-St. Louis; MA, Lindenwood University

**Feely, John (1996)**

*Associate Dean, Graduate Education Initiatives*  
BA, Lindenwood University; MEd, University of Missouri-St. Louis

**Ferrario, Victoria K. (2014)**

*Lab Coordinator, Biology and Chemistry*  
BA, Eastern Illinois University; MS, University of Missouri-St. Louis

**Finnegan, Barry (2002)**

*Dean, Academic Services*  
BA, MBA, Lindenwood University

**Girdwood, Anna (2010)**

*Assistant Director, Compliance*  
BA, Montclair State University; MA, California State-Dominguez Hills

**Gleason, Suzanne (2006)**

*Technical Services Librarian*  
BA, University of Nebraska-Lincoln; MA, University of Missouri-Columbia

**Grosso, Tina (2010)**

*Instructor of Gerontology and Executive Assistant*  
BS, MA, Lindenwood University

**Haghighi, Shawn (2001)**

*Chief Information Officer*  
BS, University of Tennessee; MS, Fontbonne University; MSA Lindenwood University

**Hajiyev, Emin (2007)**

*Director, Office of International Students and Scholars*  
BS, Azerbaijan State Oil Academy, MBA, Lindenwood University

**Hannar, Christine (2007)**

*Registrar*  
BA, MBA, Lindenwood University

**Harris, Jeff C. (2009)**

*Associate Director, Office of International Students and Scholars*  
BA, MBA, Lindenwood University

**Hart, Cathy (2003)**

*Director, Student Success*  
BS, University of Missouri-Columbia; MS, Lindenwood University

**Hess, Amy (2005)**

*Account Representative*  
BA, MBA, Lindenwood University

**Hester, Angela (2007)**

*Director, Evening and Graduate Admissions; Director, Community Partners Enrollment; Director, Evening and Graduate Admissions*  
BS, Southeast Missouri State University; MBA, Lindenwood University

**Hollander, Terry (2010)**

*Assistant Men's Basketball Coach and Student Teaching Supervisor*  
BA, MA, Truman State University

**Hubenschmidt, Carl (2000)***Interlibrary Loan Librarian*

BS, University of Missouri-Rolla; MA, University of Missouri-St. Louis

**Huffman, Paul (2007)***University Archivist and Reference Librarian*

BA, Lindenwood University; MA, University of Missouri-Columbia

**Hutter, Carl (1993)***Men's Soccer Coach and Assistant Athletic Director, Facilities/Event Management*

BA, Missouri Valley College; MS, Lindenwood University

**Ingram, Daniel (2005)***Instructor of Mathematics and Director, Mathematics Placement and Refresher Programs*

BS, MBA, Lindenwood University

**Jackson, Chanda (1995)***Associate Athletics Director, Internal Affairs and Senior Woman Administrator*

BS, Washington University; MBA, Lindenwood University

**Johnson, Sarah (2011)***Field Hockey Coach*

BS, MBA, Missouri State University

**Jump, James (2003)***Center Director, North County*

BBA, Western Michigan University; MBA, Lindenwood University

**Kaminski, Laurie (2004)***Women's Soccer Coach, Assistant Softball Coach*

BA, Saint Louis University; MA, Lindenwood University

**Kandel, David (1990)***Certified Public Accountant and Chief Financial Officer*

BSBA, Farleigh Dickinson University

**Kapeller, Terry (1993)***Chief Business Officer*

BA, Tarkio College; MBA, Lindenwood University

**Karleskint, Matt (2013)***Assistant Football Coach*

BA, Kansas Wesleyan; MS, Northwest Missouri State University; MEd, Iowa State University

**Keim, Rebecca (2012)***Assistant Director, Cooperative Credit Program*

BFA, Southern Illinois University-Carbondale; MA, Lindenwood University

**Kennedy, Samantha (2011)***Assistant Director, Student Life & Leadership/Facilities*

BA, MBA, Lindenwood University

**Lau, Jon (2011)***Assistant Swimming Coach*

BS, MS, Lindenwood University

**MacDonald, Elizabeth B. (2003)***Assistant Professor of History and Dean, Library Services*

BS, MA, Southern Illinois University-Edwardsville; MA, University of Missouri-Columbia

**Mangels, Susan (2011)***Vice President, Institutional Advancement*

BA, Furman University, EdM, Harvard University, PhD, The University of Illinois

**Marler-Rayfield, Sara (2007)***Instructor of English and Chair, English Preparedness Program*

BA, Truman State University; MA, Southern Illinois University-Edwardsville

**Maugeri, Kent (2009)***Assistant Football Coach*

BA, Western Connecticut State University; MA, Lindenwood University

**McFerren, Caryn (2014)***Assistant Director, First-Year Experience and Parent Programs*

BA, Columbia College Chicago; MBA, William Woods University

**Meyer, Rene (2006)***Director, Athletics Certification*

BA, MS, Lindenwood University

**Mircsov, Eric (2007)***Associate Director, Work and Learn*

BA, MA, Lindenwood University

**Miller, Abby (2007)***Instructor of Physical Education and Health and Athletic Training and Athletic Trainer*

BS, Central Methodist College; MA, University of Nebraska-Kearney

**Montgomery, Toccara (2010)***Women's Wrestling Coach and Director, Mail Room*

BS, Elementary Education; MA, University of the Cumberlands

**Moore, Carrie (2010)***Instructor of Physical Education and Athletic Training and Athletic Trainer*

BS, Missouri Valley College; MS, Lindenwood University

**Morgan, Mike (2012)***Director, Assistant Sports Information*

BA, MA, Lindenwood University



**Mueller, Julie M. (2000)**

*Vice President, Operations and Finance; and Chief Operating Officer*  
RN, Deaconess College of Nursing; BA, Tarkio College; MBA, Lindenwood University

**Newman, Marshall (2007)**

*Assistant Men's Basketball Coach and Intramurals Assistant*  
BA, Webster University; MA, Lindenwood University

**Newton, Daniel (2007)**

*Director, Sports Information*  
BA, Truman State University; MA, Lindenwood University

**Nukic, Adis (2012)**

*Admissions and Financial Aid Counselor*  
BFA, MBA Lindenwood University

**O'Neal, Kate (2001)**

*Director of Advancement Services and the Annual Fund*  
BA, MA, Lindenwood University

**Owen, Jason (2012)**

*Swimming Coach*  
BA, MBA, Drury University

**Parisi, Joseph A. (1998)**

*Vice-President, Enrollment Management*  
AA, St. Louis Community College at Meramec; BS, Missouri Valley College; MS, EdD, Lindenwood University

**Phelps, Greg (2013)**

*Assistant Chief Financial Officer*  
BA, MBA, Washington University

**Plunkett, John (2013)**

*Controller*  
BS, Oakland City University

**Queen, Scott W. (1996)**

*Director, Public Relations and Marketing and Associate Athletics Director, External Affairs*  
BA, MA, Lindenwood University

**Reid, Terry (2002)**

*Instructor of Education and Southwest Missouri Coordinator*  
BS, MS, EdS, Southwest Missouri State University; EdD, University of Missouri-Columbia

**Revis, Kristen (2008)**

*Head Coach, Hockey Cheerleading*  
BA, MA, Lindenwood University

**Rodgers, Christie (2009)**

*Dean of Student and Academic Support Services*  
BA, MS, EdD, Lindenwood University

**Ross, Patrick (2003)**

*Head Football Coach and Sports Marketing Associate*  
BA, University of Puget Sound; MBA, Kansas Wesleyan University

**Royal, Angela (2012)**

*Director, Student Life and Leadership*  
BS, MS, Southern Illinois-Carbondale

**Ruff, Rebecca (2003)**

*Financial Aid Counselor and Athletics Department Liaison*  
BA, MA, MS, Lindenwood University

**Rumsey, Christopher (1999)**

*Billing System Manager*  
BA, MBA, Lindenwood University

**Russell, Terry (2000)**

*Dean of Students*  
BA, MA, Lindenwood University

**Schrader, Vicki (2012)**

*Grants Manager*  
BA, Webster University; M.A, Southern Illinois University-Edwardsville

**Shadrach, Samantha (2011)**

*Manager, Graduate Assistant Affairs*  
BA, University of Missouri-Columbia

**Smith, Chad (2007)**

*Men's Wrestling Coach*  
BA, MA, Lindenwood University

**Smith, Christine (2010)**

*Associate Athletics Director, Compliance*  
BS, Palm Beach Atlantic University, MBA, Texas A&M International University

**Soderberg, Brad (2009)**

*Men's Basketball Coach and Sports Marketing Associate*  
BS, University of Wisconsin-Steven's Point; MS, Colorado State University

**South, Rachel (2014)**

*Director of Day Admissions*  
BA, University of Missouri-Columbia

**Stoltman, Joe (2012)**

*Production Manager, J. Scheidegger Center for the Arts*  
BA, Kalamazoo College; MFA, Yale University

**Stuhler, Eric (2006)**

*In-house Legal Counsel*  
BA, Lindenwood University; JD, University of Missouri-Kansas City

**Thomsen, Roudina (2003)**

*International Credential Compliance Officer*  
BA, MA, MS, Lindenwood University

**Tolman, Michael (2004)***Director, Work and Learn*

AS, Keene State College; BA, Western Illinois University; MS, MBA, Lindenwood University

**Ullrich, Samantha (2013)***Assistant Women's Hockey Coach*

BA, Robert Morris University

**Ulrich, Adam (1995)***Director, Comprehensive Academic Management System (CAMS)*

BA, MBA, MA, Lindenwood University

**Vines, Shannon (2006)***Director, Cooperative Credit*

BA, MBA, Lindenwood University

**Virgil, Candance (2003)***Assistant Dean, Library Services*

BS, Washington University; MA, University of Missouri-Columbia; EdD, Lindenwood University

**Wagganer, Tom (2012)***Director, Game and Event Operations*

BS, University of Kansas; MA, Lindenwood University

**Weber, Abigail E. (2008)***Instructor of Management and Women's Golf Coach*

BA, MBA, Lindenwood University

**Wehrli, Dana (1998)***Instructor of Management and Director, Career Development*

BA, Missouri State University; MS, Lindenwood University

**Weinrich, Jeff (2007)***Registrar for Informatics*

BA, MBA, MA, Lindenwood University

**Wiedman, Sara (2008)***Director, Admissions Processing*

BS, University of Missouri-St. Louis

**Wikoff, Elizabeth (2011)***Director, Alumni Relations*

BA, MA, Lindenwood University

**Wilson, David W. (2014)***Chief Assessment Officer and Associate Vice President, Academic Affairs*

BS, Kansas State University; MS, PhD, Iowa State University

**Wolfe, Terry (2005)***Assistant Professor of Education and Central Missouri Coordinator*

BS, MS, EdS, Central Missouri State University; EdD, University of Missouri

**Yokeley, Marcus (2012)***Assistant Football Coach*

BS, Truman State University; MA, Lindenwood University

**Young, Lisa (2007)***Director, Access Services*

BS, Northern Illinois University; MLIS, University of Missouri-Columbia

**Ziegenfuss, Lis (1989)***Director of Student Financial Assistance Planning*

BA, University of Missouri-St. Louis

**Board of Directors****Officers****Jim J. Shoemaker, Chairman**

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Community Leader, St. Charles, Mo.

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Community Leader, Clayton, Mo.

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Alumna '67, CEO, Preston/Rogers Associates, Inc.,  
Medfield, Mass.

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Attorney, Rollings Family Trust Services L.L.C., St.  
Charles, Mo.

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St. Louis and Eastern Missouri, St. Louis, Mo.

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