

2008/2009

Undergraduate Catalog

Lindenwood University • Saint Charles, Missouri
Founded 1827



Lindenwood's 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.

Lindenwood's "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 the holder is adept at reading, writing, speaking, and problem-solving- all the traits by which society judges one's education level and general competence. That is why more than 93 percent of our students featured in our LIONnetwork catalog enter a professional job or graduate school within six months of completing their university degrees.

We help our students acquire these traits through several means:

Liberating Arts Education

Our standard-setting General Education program assures that every Lindenwood graduate has been steeped in 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

We encourage each student to build a personal talent transcript. This distinctive résumé documents not only the student's academic preparation and career interests but also his or her leadership posts, real-world experience, work experience, and co-curricular achievements. It is through this investment in our students that we encourage holistic development: growth in the cognitive, spiritual/ethical, physical, and social realms. Essentially this means that our graduates are educated, not just trained.

The Guarantee

We evaluate 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 special writing-proficiency assessment is given. Based on the results of that assessment, any student who needs to sharpen competencies in grammar, punctuation, and syntax takes an additional writing course, ENG: 210 Writing Proficiency Lab, prior to graduation, as a value-added bonus. This unique initiative ensures that any student who graduates from Lindenwood is adept at the writing level 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."

Lionmail

It is every student's responsibility to check his/her Lindenwood Lionmail email account. Important messages including academic standing and financial aid reminders 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 by contacting the Computer Services department.

Academic Programs

Undergraduate Degrees Semester Schedule

Accounting (B.A.)
Acting (B.F.A.)
Advertising and Media (B.A.)
American Studies (B.A.)
Art History (B.A.)
Arts Management–Dance, Music, Studio (B.A.)
Art, or Theatre emphases (B.A.)
Athletic Training (B.S.)
Biology (B.A., B.S.)
Business Administration (B.A.)
Chemistry (B.A., B.S.)
Christian Ministry Studies (B.A.)
Computer Information Systems (B.S.)
Computer Science (B.A., B.S.)
Corporate Communication (B.A.)
Criminal Justice (B.A., B.S.)
Dance (B.A.)
Directing-Theatre (B.F.A.)
Early Childhood Education (B.A.)
Early Childhood Special Education (B.A.)
Elementary Education (B.A.)
English (B.A.)
Entrepreneurial Studies (B.A.)
Environmental Biology (B.A.)
Exercise Science (B.S.)
Fashion Design (B.A., B.F.A.)
Finance (B.A.)
French (B.A.)
General Studies (B.A.)
History (B.A.)
Hospitality Services Management (B.A.)
Human Resource Management (B.A.)
Industrial Technology Education (B.A.)
International Business (B.A.)
International Studies (B.A.)
Journalism (B.A.)
Management Information Systems (B.A.)
Marketing (B.A.)
Mass Communication (B.A.)
Mathematics (B.A., B.S.)
Middle School Education (B.A.)
Music (Instrumental or Vocal/Choral) (B.A.)
Music Business (B.A.)
Music Performance (B.A.)
Musical Theatre (B.F.A.)
Multimedia Design (B.A.)
Nonprofit Administration (B.A.)

Performing Arts (B.A.)
Philosophy (B.A.)
Physical Education (B.A., B.S.)
Political Science (B.A.)
Psychology (B.A.)
Public Management (B.A.)
Religion (B.A.)
Retail Merchandising (B.A.)
Secondary Education Certification
(major in subject specialty) (B.A.)
Social Work (B.A.)
Sociology (B.A.)
Spanish (B.A.)
Sport Management (B.A.)
Studio Art (B.A., B.F.A.)
Tech Theatre/Design (B.F.A.)
Theatre (B.A.)
Unified Sciences (B.A.)

Pre-Professional Programs

Pre-Chiropractic
Pre-Dentistry
Pre-Engineering
Pre-Health
Pre-Law
Pre-Medicine
Pre-Optometry
Pre-Nursing
Pre-Veterinary Science

Evening College Program

Business Administration (B.A.)
Christian Ministry Studies (B.A.)
Corporate Communications (B.A.)
Criminal Justice (B.A.)
Fire Science Management (B. S.)
General Studies (B.A.)
Gerontology (B.A.)
Health Management (B.A.)
Hospitality Services management (B.A.)
Human Resource Management (B.A.)
Information Technology (B.A.)
Mass Communications (B.A.)
Mortuary Management (B.S.)

Table of Contents

THE MISSION OF LINDENWOOD UNIVERSITY	1
Introduction to Lindenwood University.....	7
Historic Lindenwood.....	7
Degree Programs.....	7
Program Formats.....	7
Campus Locations.....	8
UNDERGRADUATE ADMISSIONS	8
Admission Standards.....	8
Health Requirements.....	8
Selection Criteria.....	8
Application Procedures.....	8
International Students.....	9
UNDERGRADUATE ACADEMIC PROCEDURES	10
Bachelor's Degree Requirements.....	10
General Education Requirements.....	10
GENERAL EDUCATION REQUIREMENTS FOR THE BACHELOR OF ARTS DEGREE AND BACHELOR OF FINE ARTS DEGREE	10
GENERAL EDUCATION REQUIREMENTS FOR THE BACHELOR OF SCIENCE DEGREE	11
Preparing for Graduation.....	11
Academic Honesty.....	11
Academic Load.....	12
Auditing.....	12
Advanced Standing.....	12
Transfer Policy.....	12
Advanced Placement.....	13
Early College Start (ECS).....	13
Experiential Learning.....	13
Proficiency Examination.....	14
International Transfer Credits.....	14
Internships.....	14
Contract Degree.....	14
Attendance.....	15
Calendar.....	15
Course Numbers.....	15
Dean's List.....	15
Dismissal.....	15
GRADING SYSTEM	15
Withdrawals.....	16
Attendance Failure (AF).....	16
Administrative Withdrawal.....	16
No Grade.....	16
Suspensions.....	16
Quarter and Five-Term.....	16
J-term.....	16
Semester.....	16
International Students.....	16
Grievance Procedure.....	16
Final Exams.....	17
Honors.....	17
Re-Enroll/Stop Out.....	17
Thesis/Culminating Project Extensions.....	17
Classification of Students.....	17
Scholarship Standards.....	17
Transcripts.....	17
University Honors College.....	18
Consortium Programs.....	18
Junior Year Abroad.....	18
ROTC Cross-Enrollment and Simultaneous Membership Program.....	18
Success Center.....	18
Student Expenses.....	19
2007-2008 Academic Year Tuition.....	19
Enrollment Deposit.....	19
Payment Options.....	19
Delinquent Accounts.....	19
Withdrawal & Refund.....	20
Appeals.....	20
Refund Distribution of Financial Aid.....	20
Cash Disbursements.....	20
Financial Assistance.....	20
Scholarships.....	21
Older Student & Institutional Grants.....	21
Student Employment.....	21
Types of Federal Financial Aid.....	21
Types of State Financial Aid.....	22
Satisfactory Progress.....	23
Full-time Students.....	23
Financial Aid Probation/Suspension Reinstatement.....	23
Appeals.....	23
Out of Classroom Life.....	23
Lindenwood Student Government Association.....	24
Residence Halls.....	24
Athletics.....	24
Religious Life.....	24
Campus Tobacco Use.....	24
KCLC – FM 89.1.....	24
Lindenwood University LUTV-26.....	24
Firearms Policy.....	24
Campus Accessibility.....	24
Conferences.....	24
2008-2009 Academic Calendar.....	25
Semester Schedule.....	25
Quarter Schedule.....	26
5-Term MBA Program.....	27
PROGRAM DESCRIPTIONS	29
BOONE DIVISION	29
American Studies	29
Bachelor of Arts in American Studies.....	29
Bachelor of Arts in American Studies: Art and Culture.....	29
Bachelor of Arts in American Studies: History.....	29
Bachelor of Arts in American Studies: Literature.....	29
Bachelor of Arts in American Studies: Political Science.....	29
Minor in American Studies.....	29
Recreation Leadership	29
COMMUNICATION DIVISION	29
Advertising and Media.....	29
Corporate Communication.....	30
Journalism.....	30
Journalism - Print/Internet.....	30
Journalism - Broadcast.....	30
Multimedia Design Communication.....	30
Mass Communications.....	30
Mass Communication - Radio/TV.....	30
Mass Communication - Radio.....	30
Mass Communication - Television.....	30
Mass Communication - Media Management and Sales.....	30
Mass Communication - Public Relations.....	30
Mass Communication - Sports Information.....	30
Minor in Communication.....	30
EDUCATION DIVISION	30
Education	30
Early Childhood Special Education.....	31
Early Childhood (Birth through Grade 3).....	31
Elementary (1-6).....	31
Elementary/Special Ed (Grades 1-12).....	31
Middle School (Grades 5-9)	31
Business.....	31
Language Arts.....	31

Industrial Technology	31	Bachelor of Fine Arts in Musical Theatre	38
Mathematics	31	Bachelor of Arts in Arts Management–Theatre	38
Science	31	Minor in Theatre	38
Social Studies	31	HUMAN SERVICES DIVISION	38
Secondary (9-12)	31	Christian Ministry Studies	38
Business	31	Pastoral Ministry Emphasis	38
Biology	32	Youth Ministry Emphasis	39
English	32	Missions and Social Justice Emphasis	39
Health	32	Worship Arts Emphasis	39
Industrial Technology	32	Nonprofit Administration Emphasis	39
Mathematics	32	Recreation and Leisure Management Emphasis	39
Marketing Education	32	Discipleship Institute	39
Speech/Theatre	32	Minor in Christian Ministry Studies	39
Unified Science (Biology Endorsement)	32	Criminal Justice	40
Unified Science (Chemistry Endorsement)	32	B.A./B.S. Criminal Justice	40
Social Studies	32	Core Requirements (31 hrs)	40
Special Education (K-12)	32	Criminal Justice Major Electives (12 hrs)	40
Cross-categorical	32	Legal Studies Emphasis (18 hrs)	40
K-12 Certification	32	Corrections/Juvenile Emphasis (18 hrs)	40
Art	32	Corrections/Probation and Parole Emphasis (18 hrs)	40
Dance	33	Criminal Justice, Law Enforcement Emphasis with Police Academy Option (18 hrs)	40
Foreign Language French	33	Minor In Criminal Justice (21 hrs)	40
Foreign Language Spanish	33	Military Science (ROTC)	40
Music (Instrumental)	33	Nonprofit Administration	40
Music (Vocal)	33	Nonprofit Administration Core Requirements (26)	41
Physical Education	33	Business Management Emphasis (21 hrs)	41
Special Education	33	Christian Ministry Studies Emphasis (18 hrs)	41
Middle School and Secondary Certification	33	Communication Emphasis (18 hrs)	41
Athletic Training	33	Education Emphasis (18 hrs)	41
Exercise Science	34	Fine Arts Emphasis (18 hrs)	41
Physical Education	34	Recreation and Leisure Service Management Emphasis (18 hrs)	41
Bachelor of Arts in Physical Education in Secondary Education	34	Social Services Emphasis (18 hrs)	41
Bachelor of Arts in Physical Education and Health (K-12)	34	YMCA Professional Studies Program Emphasis-NPA Major (21 hrs)	41
Bachelor of Science in Physical Education	34	YMCA Professional Studies Program Emphasis Non-NPA Major (18 hrs)	41
Bachelor of Arts in Health Education	35	Minor in Nonprofit Administration (24 hrs)	41
FINE & PERFORMING ARTS DIVISION	35	Social Work	41
Art	35	Bachelor of Arts in Social Work	41
Bachelor of Fine Arts in Studio Art	35	Minor in Social Welfare	42
Bachelor of Fine Arts in Studio Art degree with an Emphasis in Graphic and Computer Art	35	HUMANITIES DIVISION	42
Bachelor of Arts in Studio Art	35	English	42
Bachelor of Arts in Art History	35	Bachelor of Arts in English	42
Arts Management–Studio Art or Art History	35	Literature Emphasis	42
Minor in Studio Art	36	Creative Writing Emphasis	42
Minor in Art History	36	Minor in English Literature	42
Dance	36	Minor in Creative Writing	42
Bachelor of Arts in Dance	36	Writing Certificate	42
Bachelor of Arts in Arts Management—Dance	36	Writing Center	42
Minor in Dance	36	Foreign Languages	42
Fashion Design	36	Bachelor of Arts in French	42
Bachelor of Arts in Fashion Design	36	Minor in French	42
Bachelor of Fine Arts in Fashion Design	36	Bachelor of Arts in Spanish	43
Minor in Fashion Design	36	Minor in Spanish, LU Campus	43
Music	36	Minor in Spanish, Costa Rica Campus	43
Bachelor of Arts in Music (Instrumental)	37	General Studies	43
Bachelor of Arts in Music (Vocal/Choral)	37	Geography	43
Bachelor of Arts in Music Performance	37	History	43
Bachelor of Arts in Music Business	37	Bachelor of Arts in History	43
Bachelor of Arts in Arts Management — Music	37	Minor in History	43
Minor in Music	37	Minor in Social Studies	44
Performing Arts	37	Philosophy	44
Bachelor of Arts in Performing Arts	37	Bachelor of Arts, Philosophy	44
Theatre	37	Minor in Philosophy	44
Bachelor of Arts in Theatre	38	Minor in Christian Philosophy	44
Bachelor of Fine Arts in Acting	38	International Studies	44
Bachelor of Fine Arts in Directing	38		
Bachelor of Fine Arts in Technical Theatre/Design	38		

International Studies,	
International Relations	44
International Studies,	
Cross-Cultural Asian Studies	44
International Studies,	
Cross-Cultural European Studies	44
Political Science	44
Bachelor of Arts in Political Science	44
Minor in Political Science	44
Pre-Law	44
Bachelor of Arts in Public Management	44
Minor in Public Management	44
Religion	45
Bachelor of Arts in Religion	45
Minor in Religion	45
Minor in Christian Philosophy	45
Management Division	45
Bachelor of Arts in Accounting	45
Bachelor of Arts in Arts Management	45
Bachelor of Arts in Business Administration	45
Bachelor of Arts in Entrepreneurial Studies	45
Bachelor of Arts in Finance	45
Bachelor of Arts in Human Resource Management	46
Bachelor of Arts in International Business	46
Bachelor of Arts in Management Information Systems	46
Bachelor of Arts in Marketing	46
Bachelor of Arts in Retail Merchandising	46
Minor Requirements	46
Minor in Business Administration	46
Minor in Economics	46
Minor in Retail Merchandising	46
Sport Management	46
Bachelor of Arts in Sport Management	46
SCIENCES DIVISION	46
Anthropology	46
Minor in Anthropology	46
Biology	47
Bachelor of Arts in Biology	47
Bachelor of Arts in Biology-	
Secondary Education Option	47
Bachelor of Arts in Biology with	
Unified Science Endorsement	47
Bachelor of Arts in Environmental Biology	47
Bachelor of Science in Biology	47
Minor in Biology	47
Chemistry	47
Bachelor of Arts in Chemistry	47
Bachelor of Arts in Chemistry	
with a Concentration in Forensics	47
Bachelor of Arts in Chemistry	
with Unified Science Endorsement	47
Bachelor of Science in Chemistry	48
Bachelor of Science in Chemistry	
with Concentration in Biochemistry	48
Minor in Chemistry	48
Computer Science	48
Bachelor of Arts in Computer Science	48
Bachelor of Science in Computer Science	48
Bachelor of Science in Computer Information Systems	48
Minor in Computer Science	48
Earth Sciences	48
Mathematics	48
Bachelor of Arts in Mathematics	48
Bachelor of Science in Mathematics	48
Bachelor of Science in Mathematics	
with Secondary Certification	49
Minor in Mathematics	49
Natural Sciences	49
Physics	49
Pre-Chiropractic	49
Pre-Engineering	49
Pre-Professional Studies	
In Health Sciences	49
Pre-Medicine / Pre-Dentistry / Pre-Optometry	
Pre-Veterinary Medicine	50
Pre-Nursing	50
Psychology	50
Minor in Psychology	50
Sociology	50
Bachelor of Arts in Sociology	50
Bachelor of Arts in Sociology with Anthropology	50
Minor in Sociology	50
COURSE DESCRIPTIONS	50
Fashion Design	50
Anthropology	51
Art	52
American Studies	54
Athletic Training	55
Business Administration	56
Biology	62
Sports Management	64
Chemistry	64
Criminal Justice	66
Christian Ministry Studies	67
All-College	68
Communications	69
Computer Science	72
Dance	74
Special Education	75
Education	76
Engineering	79
English	79
Environmental Science	82
English Preparedness Program	82
Earth Sciences	82
English As Second Language	83
Exercise Science	83
Foreign Languages	84
Chinese	84
French	84
German	86
Russian	86
Spanish	86
Geography	88
History	88
International Studies	90
Lindenwood Orientation	90
Military Science (ROTC)	90
Mathematics	90
Music	92
Non-Profit Administration	95
Physical Education	96
Philosophy	99
Physics	100
Political Science	100
Psychology	101
Religion	103
Recreation Leadership	104
Natural Science	105
Sociology	106
Social Science	106
Social Work	106
Theatre	108
Faculty	110
Board of Directors	119

Introduction to Lindenwood University

This catalog contains a description of the undergraduate programs offered on the traditional day semester schedule of Lindenwood University. Separate catalogs are devoted to the description and the special requirements of the Lindenwood University graduate programs and the quarter 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 is an Equal Opportunity, Affirmative Action 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 which 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, and intimidation is unacceptable conduct. For the purpose of this policy, discrimination, harassment and intimidation may be defined as any attempt on the part of individuals, groups and 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 non-discrimination should be directed to the university's vice president of 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 Act 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 USA Patriot Act of 2001, and seeks to provide a healthy, safe and secure environment for students and employees.

Lindenwood is accredited by the Higher Learning Commission of the North Central Association of Colleges and Schools and the Missouri Department of Elementary and Secondary Education and is a member of the Teacher Education Accreditation Council. Lindenwood University is authorized to grant associate, bachelor, master, Education Specialist and Doctor of Education degrees.

Historic Lindenwood

Amid the beautiful linden trees, Lindenwood University was founded in 1827 by innovative pioneering educators Mary Easton Sibley and Major George Sibley. They sought to establish an institution that reached across all fields of knowledge, teaching a solid academic core along with the balanced sense of self-worth that accompanies dedication to the larger community and the world—an institution that was always up-to-date and with

the times in teaching both the breadth of the liberal arts and the attention to detail of the sciences, seeking to synthesize all knowledge in an effort to educate the whole person. Lindenwood University serves full- and part-time students of all ages, with a wide variety of educational programs leading to baccalaureate and master's degrees. This academic year, Lindenwood University will serve more than 14,000 full-time and part-time students. More than 3,400 of these students will live on the university's beautifully wooded campus in St. Charles.

Degree Programs

Lindenwood University offers academic programs leading to the Bachelor of Arts (B.A.), Bachelor of Fine Arts (B.F.A.), and Bachelor of Science (B.S.) degrees at the undergraduate level. At the graduate level, the university offers coursework leading to the Master of Science (M.S.), Master of Arts (M.A.), Master of Arts in Teaching (M.A.T.), Master of Business Administration (M.B.A.), Master of Fine Arts (M.F.A.), Education Specialist (Ed.S.), and Doctor of Education (Ed.D.) Interdisciplinary majors and minors are available in international studies and human resource management. In all divisions individualized degrees may be developed on a contract basis for interdisciplinary specialties. The major areas of concentration and the format in which each degree is offered are listed under "Academic Programs" in this catalog.

Program Formats

Lindenwood University strives to make quality higher education accessible to traditional and non-traditional students. Undergraduate and graduate academic programs are offered in three distinct formats, known as the semester, quarter system employed by the Lindenwood College for Individualized Education and the newest format, the 5-term MBA formats.

The day semester programs are considered the "traditional" format, with undergraduate classes offered in the semester format during the day. However, graduate degree courses in education, art and music are also held on a semester basis, with some classes meeting in the evenings.

In 1975, the Lindenwood College for Individualized Education (LCIE) was created to provide an accelerated program of study that enables students to make progress toward an undergraduate or graduate degree without relinquishing career and family obligations.

Many older adults who might not pursue higher education in a traditional setting find LCIE's educational philosophy and flexible program an ideal learning environment in which to earn a degree or to pursue studies appropriate to personal learning goals.

Since its inception, the evening format, including both LCIE courses as well as evening semester courses, has maintained a deep commitment to meet the intellectual and professional needs of adult learners with employment experience. The purpose continues to provide high-quality professional and personal competence.

Using methods based in adult learning theory, the evening programs provide students with the techniques of scholarly inquiry. Through varied curricula and excellent teaching designed to meet a full range of adult student needs, the Lindenwood evening programs realize their mission within the university community.

The January term gives both students and faculty members the opportunity to concentrate on a topic of special interest. January term courses emphasize experiential education, total

immersion in a topic or activity, creativity, and close interaction with one faculty member or a team of faculty.

The newest format is the 5-term MBA program. The university's Master of Business Administration (MBA) degree program and associated graduate business programs are offered in a five-term format—Fall I, Fall II, Spring I, Spring II and Summer. Each term is nine weeks in length, with one four-hour evening or Saturday morning class meeting held each week.

Campus Locations

St. Charles Campus: Located at 209 South Kingshighway in the heart of St. Charles, this 500-acre site is the original campus founded by Major George and Mary Easton Sibley. Historic buildings grace the tree-lined walks and house classrooms, administrative offices and residential living.

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 University for Individualized Education. Classrooms, faculty offices, and a 600-seat auditorium are among the building's amenities.

Westport Campus: Located in the 12000 Building, 11 960 Westline Industrial Drive, Suite 250, in west St. Louis County, this facility meets the needs of working adults enrolled in undergraduate and graduate programs of the Lindenwood University evening division. Classrooms and administrative offices are housed in a modern, air-conditioned facility with ample free parking.

Florissant Campus: Students in the Florissant, Mo., area can take classes conveniently at Lindenwood's new site, 4500 Washington Ave. (formerly Our Lady of Fatima School). Those interested should call 314-878-7653.

O'Fallon Campus: Located on the administrative campus of the City of O'Fallon, Missouri at 100 North Main Street, this center represents a partnership with the city of O'Fallon and provides classroom education and encompasses a variety of cultural and athletic activities.

Wentzville Campus: Located at 1102 East Pitman, the Wentzville site serves students in Lincoln, Warren and Western St. Charles counties. The site offers undergraduate and graduate programs designed to meet the needs of adult students.

South County Campus: Located in the Hyland Educational Center at 10020 Kennerly Road, the South County Education Center meets the needs of working adults by offering evening undergraduate and graduate degree programs. Classrooms and administrative offices are housed in a modern, air-conditioned facility with ample parking.

Belleville Campus: Located at 2600 West Main Street in Belleville, Illinois, the Belleville site has more than 50 classrooms, including science labs, computer labs, and multipurpose classrooms. There is a gymnasium, a computer room, an athletic field, a theater, and offices.

Lindenwood University Higher Education Center of Lincoln County: Located at 995 Main Street, Moscow Mills, Missouri, this center has four classrooms with traditional schoolhouse decorum. The center includes a computer laboratory for technology classes.

Weldon Spring Campus: Located at 7295 Highway 94 South, the Weldon Spring site is housed in the former office complex of the Department of Energy. Generous parking and classroom space characterize this facility, which serves the Chesterfield area as well as the Technology Corridor along Highway 40/61.

Boone Campus: The site of the Boone Home and Boonesfield Village is located on Highway F near Defiance, Missouri, 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, will remain a popular St. Charles County tourist attraction. The campus also serves as a "laboratory" for students to study a variety of frontier-related programs, including the values, culture and history of the American frontier. Classes held at the site include historic preservation, frontier crafts, interpretation, museology and archaeological digs. The tourist component provides for internships and practica in nearly every major in the Lindenwood curriculum, from accounting and marketing to theatre and education. In addition to the above, the university provides on-site instruction at a number of businesses and school districts in the region.

Undergraduate Admissions

Admission Standards

The standards of admission to Lindenwood University are selective, yet flexible. We do expect our applicants to have a sound academic preparation for college, and we carefully examine each applicant's record to determine whether or not the student has the potential to be successful at Lindenwood.

Lindenwood University consciously seeks a diverse student body and welcomes applicants from all socioeconomic, religious, and ethnic backgrounds. We also value geographical diversity and welcome international students to our campus.

Health Requirements

Immunizations: The following immunizations are required of all students:

* Two (2) doses of MMR (Measles, Mump, and Rubella). Not required for students born before 1956. Even if incomplete, provide dates of any doses received.

* 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): Students who have lived in Asia, Central or Southern America or Eastern Europe. The above requirements are supported by documentation from the American College Health Association (ACHA).

Selection Criteria

Candidates applying to Lindenwood University will be evaluated individually by the office of admissions. Lindenwood recommends at least 16 units of high school study in solid academic areas (one year in a particular subject is considered an academic unit). While no single academic preparation is required, a university preparatory curriculum is preferred. Therefore, a student's high school record should reflect study of English for four years and two or three years each of 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 or 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 class attendance at the university. A final transcript showing all grades must be submitted after high school graduation and must include the date of graduation.

Application Procedures

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

1. Online or paper application sent with the non-refundable \$30 application fee. Students should attach a personal resume indicating community service, youth leadership, clubs, organizations and non-academic experiences. Also included should be a personal essay including why he/she wishes to further his/her education, his/her long-term goals, or a specific experience in his/her life.

2. Official transcript, indicating graduation, from the last high school attended or home school program. A copy of the student's General Education Development (GED) certificate may be provided in lieu of the high school transcript. Transfer students who have successfully completed a two-year program that is acceptable for full credit toward a bachelor's degree may not be required to submit their high school transcript. Students wishing to transfer credit from a regionally accredited institution should request official university transcripts at the time they apply for admission to Lindenwood University. Candidates who do not have a high school diploma or its recognized equivalent must achieve a passing score on an approved "ability to benefit" assessment test.

Provisional admission to the university may be granted by the dean of admissions on the basis of facsimile copies of high school transcripts, ACT/SAT scores, GED scores, and/or other university transcripts.

3. Results of either the ACT or SAT. Students should contact the Admissions Office or their high school counselor for an application and scheduled dates for these examinations. Lindenwood's code number is 2324 for the ACT or 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 admissions may not be required to furnish scores from standardized tests, although they are recommended. Satisfactory standardized test scores are required for all students majoring in teacher education.

International Students

All international students are requested to submit the following documents:

A. International Student Application—The application must be submitted along with a non-refundable \$100 application fee. Graduate applicants must enclose a copy of their resume along with their application.

B. Affidavit of Support—Students should provide an official document or statement from their bank verifying the amount of personal/family funds, in U.S. dollars, that is available for tuition (personal cost) and educational expenses (books, insurance). All documents must be in English.

C. Official Transcripts. Undergraduates must submit certified copies of high school transcripts and college transcripts. If the transcript is from a US school, the transcripts must be original and sent directly from the US institution. Graduate candidates must submit certified copies of college transcripts, which include evidence that a baccalaureate degree has been earned. Transcripts must be in their original language and accompanied by a certified English translation. These documents will not be returned to the student. They will become part of the student's official file at Lindenwood University. The 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, provided that the application brings in the receipt for the evaluation service.

If transfer credit is requested from an overseas school, please submit your transcripts and translations to World Evaluation Services (WES) for evaluation. Applicants should contact WES for more information about how to get transcripts evaluated.

Make sure to list Lindenwood University as the recipient. WES will also provide a copy of the evaluation directly to the applicant. The applicant should keep this copy for their records.

D. Housing Application—All students must submit a housing application and a \$300 housing deposit made payable to Lindenwood University. All international students are required to live on campus during their attendance at Lindenwood University. Campus housing will be assigned upon receipt of the housing application and deposit. Students should include their e-mail address on their housing form.

E. Personal Statement (Essay)—Students should complete an essay concerning their education plans. For example, the essay may include why the student wishes to further his/her education, long term goals he/she possesses, or a special experience in his/her life.

F. Transfer Procedure—If transferring from another university within the United States, students should forward the transfer paperwork found in the student application to their schools' officials for processing.

G. Passport—Students must provide a clear, readable copy of the identification page of their passports.

H. Insurance—All students must be insured while studying in the United States. Lindenwood University does not provide insurance for students. Students may carry any health insurance policy they choose.

Students should send all required documents and any other relevant information to complete the application to Lindenwood University, International Office, 209 S. Kingshighway, St. Charles, Mo. 63301-1695. The e-mail address is international@lindenwood.edu, the phone number is (636) 949-4982, and FAX is: (636) 949-4108.

International Scheduling

All international students are required to sit for the Michigan Test (English Assessment) prior to finalizing their undergraduate or graduate academic schedules. This test would be offered on campus prior to the start of each academic term. Based on the test score, students will either 1) enter directly into their program of study, 2) enroll in supplemental courses either in conjunction or 3) separately from their degree program.

The Michigan Tests are administered by the university's International Office. Students are encouraged to contact the International Office (international@lindenwood.edu) to determine and schedule a test time.

Undergraduate Academic Procedures

Lindenwood University offers academic majors leading to the Bachelor of Arts, Bachelor of Fine Arts, and Bachelor of Science degrees at the undergraduate level. Specific degree requirements are listed in the sections of the catalog that describe the various programs. Courses descriptions are listed alphabetically after the final program description. In addition to the standard major, a contract degree option is available to enable students to design their own majors.

Bachelor's Degree Requirements

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

1. Successful completion of a minimum of 128 semester hours, at least 42 of which must be upper division courses, numbered 300 or above.
2. Successful completion of the requirements for one of the undergraduate majors offered by the university, at least 50% of which must be taken at Lindenwood University.
3. A minimum cumulative grade point average of 2.0 in all courses taken at Lindenwood University, as well as in the student's major, concentration emphasis, and minor, with at least half of the credits for the minor being earned at Lindenwood. Overall cumulative GPA is a continuous representation of grades received for all courses taken at Lindenwood University.
4. Successful completion at Lindenwood University of the last 36 credits leading to the degree.
5. Successful completion of the following general education course requirement for a bachelor's degree.

NOTE: Undergraduate day students who are first-time freshmen or transfer students with fewer than 24 semester hours of transferable credit must enroll in and complete Lindenwood's LUL101 (Freshman Experience) class in their first semester at the university.

General Education Requirements

General education studies form the foundation on which the more concentrated and specialized studies in the major are based. They introduce the student to some of the key issues, concepts and perspectives of the disciplines of humanities, social sciences, natural sciences and quantitative thought.

General education studies also are intended to help students develop their analytical, organizational, oral, writing, interpersonal, and research skills.

Students cannot "double-dip." In other words, students may not take a (CC)-designated course to satisfy two different GE requirements simultaneously.

Example: ART 220 (History of Art) is listed as (GE/CC) in the catalog. Taking this course can satisfy either the GE Fine Art requirement, or a portion of the GE Cross-Cultural option ... but not both.

The prohibition against "double-dipping" refers only to General Education requirements. If a (CC) course is a component of one's major, it will satisfy both that requirement of the major and a portion of the GE cross-cultural option. Although two requirements are fulfilled in this instance, the total number of credits earned is still three, since only one course was taken.

The following courses outline the general education requirements for the Bachelor of Arts degree, the Bachelor of Science degree, and Bachelor of Fine Arts degree.

General Education Requirements for the Bachelor of Arts Degree and Bachelor of Fine Arts Degree

English Composition

ENG 150 and 170

(total 6 hours)

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, ENG 210, prior to graduation. Transfer students are also required to meet this requirement. It is strongly recommended that students complete the writing assessment during or immediately following the semester in which they complete ENG 170.

**In order to advance to Composition 2 (ENG 170), students must earn at least a C in Composition 1 (ENG 150.) This is true also for transfer students.*

Communications

One course selected from the following: COM 105, COM 110, SW 100

(total 3 hours)

Humanities

Two Literature courses selected from: ENG 201, ENG 202, ENG 216, ENG 235, ENG 236, ENG 276, ENG 278, ENG 280, ENG 305, ENG 306, ENG 309, ENG 310, ENG 332, ENG 333, ENG 335, ENG 338, ENG 339, ENG 341, ENG 342, ENG 343, ENG 345, ENG 350, ENG 351, ENG 356, ENG 380, TA 335, TA 336. One Philosophy or Religion course selected from: PHL 102, PHL 150, PHL 190, PHL 214, PHL 215, PHL 240, PHL 265, PHL 305, PHL 311, PHL 312, PHL 313, PHL 325, PHL 380; REL 100, REL 150, REL 202, REL 210, REL 211, REL 300.

(total 9 hours)

Fine Arts

One Fine Arts course selected from ART 100, ART 136, ART 181, ART 210, ART 220, ART 240,; DAN 101, DAN 110, DAN 371; MUS 150, MUS 165, MUS 355, MUS 356, MUS 357; TA 111, TA 117, TA 317, TA 335, TA 336, TA 370.

(total 3 hours)

American Government or American History

One course in American Government or American History selected from: HIS 105, HIS 106, HIS 204, HIS 210; PS 155, PS 156.

(total 3 hours)

Culture & Civilization

HIS 100 World History

(total 3 hours)

Two courses designated as Cross/Cultural selected from ANT 112, ANT 210, ANT 300, ANT 317, ANT 324, ANT 334; ART 220, ART 354, ART 356, ART 357, ART 361, ART 362, ART 363, ART 371/TA 317, ART 383; CJ 225; COM 370; DAN 110, DAN 371; ENG 201, ENG 202, ENG 278, ENG 335, ENG 345, ENG 350; GEO201; HIS200, HIS205, HIS220, HIS 223; MUS 355, MUS 356, MUS 357; PS 300, PS 350; PHL 318; REL 150, REL 220, REL 230; SOC 318; TA 317/ART371, TA 335, TA 336, TA370

or two consecutive foreign languages at 200 level or below (excluding native speakers), or two upper division (300 or above) foreign language Culture/Literature classes.

(total 6 hours)

Social Sciences

Two courses (from different disciplines) selected from: ANT 112, ANT 122; BA 210, BA 211; CJ 200; PSY 100, PSY 101; SOC 102, SOC 214, SOC 220, SOC 240; SW 240, SW 280.
(total 6 hours)

Mathematics*

One Mathematics course in college-level mathematics selected from: MTH 121, MTH 131, MTH 134, MTH 135, MTH 141, MTH 151, MTH 152, MTH 170, MTH 241, MTH 271; PHL 216.
(total 3-5 hours)

**Specific math or science courses are required for certain programs*

Natural Science

Two Natural Science courses, representing two of the following three areas: Earth, Physical, or Biological Science; at least one of which must have a lab. Courses selected from: BIO 100, BIO 106, BIO 107, BIO 110, BIO 112, BIO 121, BIO 251; CHM 100, CHM 101, CHM 105, CHM 111, CHM 251, CHM 261; PSY 100, PHY 251, PHY 301; ESC 100, ESC 105, ESC 110, ESC 111, ESC 120, ESC 130, ESC 131
(total 7-8 hours)

General Education Requirements for the Bachelor of Science Degree

English Composition

ENG 150 and 170
(total 6 hours)

Successful demonstration of Writing Proficiency Assessment. If students do not pass the assessment, they are required to successfully complete the Writing Proficiency Lab prior to graduation. Transfer students are also required to meet this requirement.

**In order to advance to Composition 2 (ENG 170), students must earn at least a C in Composition 1 (ENG 150.) This is true also for transfer students.*

Communications

One course selected from the following: COM 105, COM 110, SW 100
(total 3 hours)

Humanities

Two Literature courses selected from: ENG 201, ENG 202, ENG 216, ENG 235, ENG 236, ENG 276, ENG 278, ENG 280, ENG 305, ENG 306, ENG 309, ENG 310, ENG 332, ENG 333, ENG 335, ENG 338, ENG 339, ENG 341, ENG 342, ENG 343, ENG 345, ENG 350, ENG 351, ENG 356, ENG 380, TA 335, TA 336.

One Philosophy or Religion course selected from: PHL 102, PHL 150, PHL 190, PHL 214, PHL 215, PHL 240, PHL 265, PHL 305, PHL 311, PHL 312, PHL 313, PHL 325, PHL 380; REL 100, REL 150, REL 202, REL 210, REL 211, REL 300.
(total 9 hours)

Fine Arts

One Fine Arts course selected from: ART 100, ART 181, ART 210, ART 220, ART 240.; DAN 101, DAN 110, DAN 371; MUS 150, MUS 165, MUS 355, MUS 356, MUS 357; TA 111, TA 117, TA 317, TA 335, TA 336, TA 370.
(total 3 hours)

American Government or American History

One course in American Government or American History selected from: HIS 105, HIS 106, HIS 204, HIS 210; PS 155, PS 156.
(total 3 hours)

Culture & Civilization

HIS 100 World History
(total 3 hours)

Social Sciences

Two courses (from different disciplines) selected from: ANT 112, ANT 122; BA 210, BA 211; CJ 200; PSY 100, PSY 101; SOC 102, SOC 214, SOC 220, SOC 240; SW 240, SW 280.
(total 6 hours)

Mathematics*

Two Mathematics course in college-level mathematics selected from: MTH 121, MTH 131, MTH 134, MTH 135, MTH 141, MTH 151, MTH 152, MTH 170, MTH 241, MTH 271; PHL 216.
(6-10 hours)
**Specific math or science courses are required for certain programs*

Natural Science

Three Natural Science courses, representing two of the following three areas: Earth, Physical, or Biological Science; at least one of which must have a lab. Courses selected from: BIO 100, BIO 106, BIO 107, BIO 110, BIO 112, BIO 121, BIO 251; CHM 100, CHM 101, CHM 105, CHM 111, CHM 251, CHM 261; PHY 100, PHY 251, PHY 301; ESC 100, ESC 105, ESC 110, ESC 111, ESC 120, ESC 130, ESC 131
(total 10-11 hours)

Preparing for Graduation

It is the shared responsibility of both a student and his/her advisor to determine that all requirements for graduation have been completed by the anticipated graduation date. The advisor has the authority to approve academic work within the major; however, only the chief academic officer of the university 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. Therefore, it is important that each student, as well as the advisor, 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 numbers of 300+ level courses, and total number of credits.

Academic Honesty

Academic dishonesty is an exceptionally serious offense to oneself and one's colleagues. The fabric of a learning community is woven by a bond of trust: the work to which we affix our names is our own. To act otherwise 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 a learning community must display the high level of integrity expected of all its members.

According to Lindenwood University's Academic Honesty policy, names of students found guilty of cheating or plagiarizing will be sent to the University Provost. A first offense of academic dishonesty may result in a lessened or failing grade on the work/test or failure in the course. A second offense will lead to

academic probation and failure of the class, and a third offense may result in suspension from the university.

Academic Load

Semester System

Undergraduate Students:

- 12 semester hours or more full time
- 9-11 semester hours three-quarter time
- 6-8 semester hours half time
- 1-5 semester hours less than half time

Graduate Students

- 9 semester hours full time
- 6-8 semester hours half time
- 1-5 semester hours less than half time

Quarter System

Undergraduate & LCIE Undergraduate:

- 9 semester hour full time
- 8 semester hours three quarter time
- 6-7 semester hours half time
- 1-5 semester hours less than half time

Graduate students:

- 9 semester hours full time
- 6-8 semester hours half time
- 1-5 semester hours less than half time

Course extensions (including culminating project extensions and thesis extensions) are not considered as “hours enrolled” for purposes of this policy and are therefore less than half time. For purposes of a Missouri Student Grant, students must be enrolled in 12 hours in the semester system or nine hours in the quarter system both at the time the funds are requested and at the time the funds are received. One hundred and twenty-eight (128) semester hours are necessary to complete a bachelor’s degree. 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 nine hours per quarter. A full-time student in the day program may carry a maximum of 18 hours per semester without additional charge with the exception of fees noted for some courses. Hours in excess of 18 during a semester are subject to an overload fee and must be approved by the provost. Students who request an overload and who have earned at least a cumulative 3.3 in the previous semester, may take courses up through 24 hours at no extra charge with administrative authorization.

Auditing

A student may register 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 two weeks 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.

Advanced Standing

Advanced standing is the administrative placement of students beyond introductory courses in a curriculum allowing credit for work done in other institutions or giving credit for examinations or other evidence of learning outside the university setting. Students must submit transcripts of previous academic study, results of examinations, or proof of occupational experience to be granted advanced standing.

Transfer Policy

Students transferring from an regionally accredited university should submit official transcripts from each university attended to the office of Admissions along with the application for admission. An evaluation of transfer credit will be made by the registrar only after all official documents have been received.

All hours accepted in transfer must be from regionally accredited colleges and universities, except in rare cases. Students may contact the Associate Dean of Academic Services for a list of non-accredited institutions from which credit is accepted.

In order to count toward graduation, all credits must be earned at the 100 level or above. Remedial courses will not count toward graduation. Credits accepted from another institution that correspond to 300 level or higher courses at Lindenwood University will be recognized as part of the 42-hour upper-division requirement. Transfer credits numbered 300 or higher from a four-year regionally accredited institution will also count toward the 42 hours of 300-level credit required for graduation. All credits transferred from other colleges will be added to the Lindenwood University transcript and will be counted in the total number of hours earned. If courses contain similar or like content and credit and a passing grade has been earned, they will transfer as equivalents of Lindenwood’s courses and credits.

If the content is unlike any course offered at Lindenwood but within our programmatic range of studies, elective credit may be granted. If the transfer credit is unrelated to any Lindenwood program, a maximum of 12 hours of elective credit may be granted. The appropriate department will determine if and how the evaluated transfer credit may be used to meet major and minor requirements.

Appeals of transfer credit evaluations should be submitted in writing to the provost.

LU will accept all grades of D or better in transfer. A grade of D will be counted for general education and elective courses. A student transferring to LU with a D in a major course or a major course prerequisite may be required to retake the course at LU; this decision will be based on department policy. Decisions concerning requirements to retake courses will be left up to the program manager (or Dean if the program manager is unavailable) who has authority over that major. If a transferred course in which a D is earned is retaken, the transferred course credit will be removed from the transcript.

Course credit (hours) will be transferred to Lindenwood. Grades earned at other colleges will be made available in the CAMS system for advising purposes but not computed into the LU GPA. Each department will decide on the equivalency of each transfer course relative to its respective degree requirement. There will be no limit on the number of credit hours a student can transfer from other colleges.

A transfer student must take a minimum of 36 hours in residence in order to receive the degree.

A transfer student will need to complete a minimum of 50% of his/her major at LU, but a department or division may require a higher minimum number of hours to be taken at LU in the major to earn the degree.

In order to count toward graduation, the grade earned in ENG150, Composition I, either at Lindenwood or accepted in transfer, must be a C or better.

Advanced Placement:

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

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.

1. Students may transfer in no more than 24 hours of ECS credit. This includes credits earned through Lindenwood University as well as through other universities.
2. The amount of oversight the department or division has over courses offered through Lindenwood at area high schools will be determined by that department or division. The oversight may include
 - a. Review of resumes/ qualifications of high school teachers who offer Lindenwood courses for ECS credit
 - b. Yearly meetings with high school teachers who offer Lindenwood courses for ECS credit
 - c. Use of LU end-of-the-semester assessments in high school classes taken for Lindenwood credit
 - d. Visits to high school classrooms offering courses for Lindenwood credit
3. 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.

Experiential Learning:

Experiential Learning Credit Process

Lindenwood considers experience such as career-oriented skills acquired on the job, participation in business seminars, experience in community affairs, self-developed training in particular fields, or non-credit courses with academic content as part of the many possibilities for experiential learning credit. It is important to note that we do not award credit for experience. *Credit is awarded for the college level knowledge and learning gained from the experience.* Credit is not granted for non-university level learning or routine tasks, outdated or forgotten knowledge, or private experience. Limits for credit are also imposed on the acquisition of certain technical skills and specialties. In addition, credit is not given for learning that duplicates a university course already taken. Students may request up to 27 hours of credit through the experiential learning process depending on the requirements of their degree program. Amounts of credit may vary according to the time spent in particular activities and the nature of the learning experience. Students may satisfy some requirements through experiential learning credit in their major; however, at least 18 semester hours of coursework toward the major must be taken at Lindenwood University. Lindenwood cannot guarantee how any other university might interpret transfer credit from the Experiential Learning Credit program.

The Portfolio

The criterion for the award of experiential learning credit is knowledge accumulated, not time involved. The student may claim such knowledge by the preparation of a portfolio in which the student validates the experience with proof by certificate,

diploma, syllabi, letters of testimony, and/or samples of work accomplished.

A substantial essay describing the knowledge gained in the learning experience accompanies the validations. The experiential learning coordinator will help the student develop a portfolio. The coordinator will identify potential credit areas and discuss the organization of the portfolio and whether the process justifies the learning equivalent of existing university-level courses. Students wishing to receive experiential learning credit in their majors must apply before taking courses in their major. Once the portfolio has been approved, the student will be charged a portfolio fee of \$250* and \$75* 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.

Experiential Learning Not Requiring a Portfolio

Certain learning experiences are sufficiently standardized and do not require the preparation of a portfolio. Lindenwood University accepts the recommendations for credit set by The American Council on Education (ACE). The student must provide the ACE transcript or certificates verifying the training recognized by ACE. ACE credits will be applied to the student's transcript upon receipt of the \$75* per credit fee. Credit will not be applied to the transcript until the student has paid the fees.

The application of credit is evaluated upon presentation of proof of certification or transcripts for the following areas:

Credits transcribed at no charge:

Graduate of Diploma Schools of Nursing (RN) (up to 12 hours). Official transcript.
Licensed Practical Nurse (LPN) (6 hours). Official transcript from an LPN program.
Completion of an accredited course of Medical Laboratory technician or Radiologic Technology (up to 12 hours). Official transcript from accredited school of MLT or School of Radiology.
Completion of training and certification for Emergency Medical Technology (up to 12 hours). Copy of license.
Completion of training and certification in Respiratory Therapy (up to 12 hours). Official transcript from accredited school of RT.
Graduates from the St. Louis or St. Charles Police academies (up to 15 hours). Copy of certification or official transcript.

Credits transcribed for \$75* per credit hour

Real Estate Sale License (3 hours). Copy of license.
Real Estate Broker's License (3 hours). Copy of license.
Completion of training and certification for Life Insurance Licensure (3 hours). Students may be eligible for an additional three semester hours in an area of specialization. Copy of license.
Completed training and certification for a Stockbroker's License (series 6 or 7) (up to 6 hours). Copy of completion certificate.
Certified Legal Assistant (up to 24 hours). Copy of certificate.
Certified Professional Secretary in selected business and economic areas. (up to 14 hours). Copy of completion certificate.
YMCA Leadership Development Courses (up to 5 hours). Requires submission of YMCA transcript.

Credits transcribed for \$25* per credit per agreement with Boeing

Completion of V.I.P. or Learning Together Program courses from Boeing (up to 12 hours). Copy of completion certificate.

CFT Credits are treated like transfer credits from any institution.

The Center for Financial Training (CFT): Lindenwood

University agrees to provide direct transfer credit for designated college-level course work offered by the Center for Financial Training (CFT). A complete listing of course equivalences and acceptable transfer credit may be obtained from the Registrar's Office or the experiential learning coordinator.

Military Credits are transcribed at no charge based on ACE recommendations.

Military Experience: Students seeking an experiential learning award for military experience, formal courses in the military, or for proficiency in a military occupational specialty (MOS) must provide official military records. For military experience and formal courses, 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.

Training courses offered by specific companies or corporations may 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 award of credit for life experience is a well-established principle in hundreds of colleges and universities around the country. Lindenwood University has been awarding credit for experiential learning for many years. Our faculty and administrators have worked to create and maintain a program that meets the needs of students and the requirements of educators. The university and the program have the approval of the Higher Learning Commission of the North Central Association of Colleges and Secondary Schools.

**Proficiency Examination
CLEP and DANTES:**

Many undergraduate courses at Lindenwood University may be challenged by examination. Exceptions include, but are not necessarily limited to student teaching, internships, studio courses, laboratory courses, and private music lessons. In addition, students may not receive credit for courses they previously have audited or attended unofficially. College Level Examination Program (CLEP) and DANTES Subject Standardized Tests may also be used to qualify for specific credit. Students with CLEP and/or DANTES credit should consult with the Lindenwood registrar to determine whether their achievement levels qualify for Lindenwood credit. A student may earn a maximum of 27 hours of credit through a combination of proficiency exams, recognized coursework, or portfolio creation.

Credit is granted based upon the scoring recommendations set by the College Board Assessment Program. The student has the option to apply the course credit towards graduation requirements or to have the course waived based upon need and advisor recommendation. A waived course does not count towards the total course credits required for graduation. There is no additional cost for a course to be waived through CLEP or DANTES; however, there is a \$75 per credit hour transcription fee to have the course added to the transcript. Lindenwood University does not currently administer College Board Examinations, and the student will need to arrange to have test results sent directly to the University for evaluation.

Proficiency Examination

Students who pass a proficiency examination have two options. They may request to have the course waived, and no credit is granted. There is no fee for this, as no credits will be added to the transcript. They may request to have course credit granted and posted on the transcript. The cumulative grade point average is not affected because no grade is recorded for a course

completed in this manner. An administrative fee of \$75* per credit hour is charged and must be paid before the credit is posted to the transcript. The charge for the 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 overland fee.

**Note: This fee is subject to change. Please consult the fee schedule for current rates.*

International Transfer Credits:

Official Transcripts. Undergraduates must submit certified copies of high school transcripts and college transcripts. If the transcript is from a U.S. school, the transcripts must be original and sent directly from the US institution. Graduate candidates must submit certified copies of college transcripts, which include evidence that a baccalaureate degree has been earned. Transcripts must be in their original language and accompanied by a certified English translation. These documents will not be returned to the student. They 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), provided that the applicant provides the WES payment receipt to the International Student Center.

If transfer credit is requested from an overseas school, students should submit your transcripts and translations to World Evaluation Services (WES) for evaluation. Applicants should contact WES for more information about how to get transcripts evaluated. Make sure to list Lindenwood University as the recipient. WES will also provide a copy of the evaluation directly to the applicant. The applicant should keep this copy for their records.

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 the academic advisor, the dean of the division in which that course resides, and the registrar. A Prior Approval Form may be obtained from the Registrar's Office. Students may be allowed to take courses from other schools during terms 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 unless the student is seeking teacher certification. In those cases, the student must transfer the actual grade point average for purpose of state licensure.

Internships

Internships are available in most areas of study and provide the opportunity for students to obtain academic credit through an out-of-classroom work experience. Each academic division publishes its standards for eligibility to undertake an internship. Standards vary by program. Students interested in applying for an internship should contact their faculty advisor for additional information. Internships are typically worth between one and three semester hours of credit and are billed at the current tuition rate per semester hour.

Contract Degree

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 degrees shall be maintained. These

include 128 semester hours for graduation, standard grading practices, and all applicable general educational requirements. The student for whom a contract is formulated shall have completed at least 36 semester hours of university credit and be in good academic standing.

Procedures:

1. The student will work with a faculty advisor to develop a degree plan; both the student and the advisor will sign the proposed plan.
2. The completed, signed plan will be submitted to the division dean(s) for critique.
3. Proposed contract degrees shall be submitted to the provost with the recommendation of the attendant division dean(s).
4. The decision of the provost shall be reported to the president in the form of a recommendation for the president's approval and signature.
5. The approved contract degree proposal shall be recorded and reported to the student and the faculty advisor by the provost.
6. Changes in a contract degree program shall follow the same approval process.
7. The up-to-date contract degree program shall be made a part of the student's file in the Registrar's Office.

Attendance

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

At times, absence from class may be unavoidable—as in instances of prolonged illness, hospitalization, or participation in an approved student activity. A student who has been hospitalized should submit a doctor's verification to the registrar, who will notify instructors. The sponsor of an approved university activity for which students will miss classes will provide the registrar with a list of participating students, and instructors will be informed of their approved absences. This list of students will be submitted to the registrar for approval at least five class days before the date of the activity.

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" to the registrar.

Persons receiving benefits from the Veterans Administration are governed by special regulations concerning class attendance (See "Veterans Benefits").

Calendar

Lindenwood University uses different calendars for different programs of the university. Fall semester begins just before Labor Day and ends before Christmas. Spring semester begins in January and ends in early May.

All Evening College programs, LCIE programs, the M.B.A. program, the M.S. (business specialty areas), and the M.A. programs (business specialty areas) are offered either on a quarter calendar or 5-term schedule.

All other programs (including the M.A. in Art and Theatre programs) are offered on a semester calendar. All academic credit is given in semester hours.

Course Numbers

Course numbers used at Lindenwood indicate the following:

051-053	A skill development course
100-199	An introductory course open to all students without prerequisites
200-299	A more specialized course normally open to all students
300-399	Advanced courses normally having prerequisites
400-499	Senior level courses
450	Internship
500-700	Graduate and Ed. D. courses

Please note: 2008-2009 will be a transition year for Lindenwood University's course numbering system. All course numbers will change from 3-digit numbers to 5-digit numbers prior to the beginning of the 2009-2010 academic year. In most cases, the change will simply involve the addition of two zeros to the already existing number.

Dean's List

Immediately following the end of the fall and spring semesters and each quarter, the provost announces the names of traditional undergraduate students who have achieved a grade point average of 3.5 or above.

Dismissal

The university reserves the right at any time to request the withdrawal of a student who is unable to meet academic standards or whose continuance in the university is felt 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.

Grading System

Students may receive grades of A, B, C, D, F, W, WP, WF, AW, AF, NG, I and Audit. A mark of "A" represents work outstanding in quality; it indicates that the student has shown initiative, skill and thoroughness and has displayed originality in thinking. The "B" grade is awarded for work of high quality, well above average. The grade of "C" indicates average work and satisfactory completion of course requirements. The "D" grade represents work below the average in quality. Although this grade indicates minimal capability in a subject, credit is given. An "F" grade indicates one's coursework has been unsatisfactory and no credit is given.

An undergraduate student who has received a "D" or "F" in a course (except for LUL 101) may repeat the course. Only the second grade earned will be used in the calculation of the grade point average. LUL 101 may not be repeated.

A grade of "I" (incomplete) is given at the end of a term only for failure to complete course work due to exceptional circumstances beyond the student's control. To receive an "I," a student must initiate a request petition obtained in the Registrar's Office and receive the approval of the instructor and the appropriate division dean. Such approval must be obtained before the final examination is given in the course. An "I" grade must be resolved prior to the end of the next term: semester, quarter, or trimester; otherwise it automatically becomes an "F." A faculty member may also complete an incomplete form for a student if exceptional circumstances exist and the student cannot complete the forms him/herself.

Any request to extend the time needed to complete an "I" must be submitted to the registrar no later than two weeks before the date the grade is due. Requests will then be sent to the appropriate division dean to be considered for approval.

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

Grade reports are issued to all students at the end of each semester or term. Deficient (“D”) and Failing (“F”) warning notices are sent to the student, his/her advisor, and the appropriate academic dean at both the 4-week mark and the midterm period. Cumulative records are maintained for each student on individual transcripts. Lindenwood University operates under the 4.0 grading system. An “A” carries 4 quality points; a “B,” 3 quality points; a “C,” 2 quality points; a “D,” 1 quality point. A grade of “F” carries no quality points and no credit. Thus, a course worth 3 semester hours in which a student earned an “A” would merit 12 quality points.

The grade point average is computed by dividing the total number of quality points earned by the total number of semester hours attempted. Only grades earned at Lindenwood are used in computing the GPA, unless the student is seeking teacher certification.

Withdrawals

1. The deadline for withdrawals shall be set annually on the academic calendar at the two-thirds mark of the term: semester, quarter or five term. Students should also refer to the Withdrawal and Refund section of this catalog.

2. Students must complete a withdrawal form and secure the instructor’s and advisor’s signature for approval.

Students who are permitted to withdraw from a course before the deadline will receive a grade of either “WP” (withdraw passing) or “WF” (withdraw failing). Neither grade will affect the student’s grade point average.

Late withdrawals will be approved only under extreme circumstances. Requests for late withdrawal will NOT be approved for the following reasons: inability to master or keep up with course assignments, a lower grade than desired, or discovery that one does not need the course to complete a degree or enter graduate school.

Attendance Failure (AF)

This grade is for use when students stop attending a particular class prior to the published deadline to receive a grade of WP or WF but do 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.

Administrative Withdrawal

When in the best interest of a student or Lindenwood University, a student may be given an Administrative Withdrawal (AW) from his or her classes. A grade of AW 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 provost. A grade of AW does not affect one’s grade-point average.

No Grade

An administrative grade of NG is assigned by the registrar when final course grades have not been submitted prior to running term grades. 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.

Suspensions

Students who are suspended for financial aid reasons will be suspended for academic cause as well, even if they do not meet the usual term-based criterion for academic suspension.

Quarter and Five-Term

Students enrolled in the quarter and Five-Term systems will be given seven calendar days from the date of their suspension letter to appeal. If the appeal is not received and approved within that time limit, the student will be dropped from all current and future classes; this student will not be charged for that quarter/trimester. Faxed, emailed, mailed, or delivered appeal letters will be accepted.

J-term

Students suspended at the end of the fall semester may not take a J-term class.

Semester

If students who are starting a new semester have not had their appeals approved by the day they plan to move onto campus or, for commuters, by the first day of class, they will be dropped from their classes and notified of that action. Any residence student who has not appealed five days prior to the beginning of a term will lose his/her housing assignment.

International Students

In addition to regular mail notification, the suspension letter for all students will be e-mailed to the student’s LU e-mail account by the Registrar (in coordination with the International Office). Students should check their lionmail accounts regularly.

Grievance Procedure

Students who wish to appeal a final grade will normally first contact the course instructor. If the matter cannot be resolved at that level, the student may appeal in writing to the appropriate division dean, the director of LCIE for LCIE students, or the provost. An Academic Grievance Committee may be convened to hear academic grievances concerning grades and other academic matters before a recommendation is made to the president for review by the president or his designee. Information concerning these procedures is available through the provost. Notice of intent to file a grievance must be made in writing to the appropriate division dean or provost within six weeks of receipt of the grade. Changes under this procedure will only be made 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.

Lindenwood University has a number of appeals and grievance processes in place (see, e.g., the process for “Appeal of Financial Aid Suspension”) in various university publications. Once these normal appeals and grievance procedures have been exhausted, students may make formal written complaints concerning academic matters to the provost and those complaints concerning student services to the dean of campus life. All other formal written student complaints should be directed to the president’s office.

Final Exams

All semester, quarter, and 5-term courses are required to meet until the end of the scheduled academic periods as stated in the university calendar. Professors are also 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. Because the final exam schedule is published prior to the beginning of each semester, all faculty members should clearly state the date of the final exam, both in the syllabus and aloud to class members. 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 should plan to attend their final exams on the scheduled dates.

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 semester hours in residence at Lindenwood University. "In residence" hours are produced by taking graded Lindenwood courses. Transfer and experiential learning credits do not count as "in residence" semester hours. Students whose Lindenwood cumulative grade point averages fall within the following ranges are eligible:

- 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.

Re-Enroll/Stop Out

Students who leave Lindenwood University for one semester or more will need to meet with an Admissions counselor to complete the re-admission process, which will include a review of major requirements and scholarship awards. Students who were suspended at the time they left the university will need to submit a letter of appeal to the Vice-President for Academic Affairs.

Students who know in advance that it will be necessary to stop out for one semester may complete an In Absentia Status Request form available either through financial aid or admissions. This form will document that the student requested and was granted a one-semester leave from study at Lindenwood University and that the student will not be required to go through the usual readmission process.

Thesis/Culminating Project Extensions

Registrations for extensions on undergraduate thesis/culminating projects 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 a term, he/she will no longer be considered a degree candidate. Should the student wish to resume the thesis/culminating project, he/she must pay the full tuition rate for the thesis/culminating project at the time of re-enrollment. In order to appeal that charge, the student must submit a written request to the Business Office controller including any evidence that would substantiate the appeal.

Classification of Students

Academic progress is calculated in semester hours. To be classified as a sophomore, a student must have successfully completed at least 24 hours. To be classified as a junior, a student must have successfully completed at least 54 hours, and to be classified as a senior, the student must have successfully completed at least 84 hours. The classification of a student is changed only at the end of a regular university semester or term.

Scholarship Standards

The following standards of scholarship have been established by the faculty of Lindenwood University:

1. To qualify for graduation, an undergraduate student must attain a cumulative grade point average no lower than 2.00. Failure to maintain established standards of scholarship will result in probation, suspension, or dismissal from the university.
2. An academic warning will be given to any student not suspended or placed on probation whose term G.P.A. is below 2.00.
3. A student will be placed on probation at the end of any term in which he/she falls below the established standards. If that standard is not attained by the end of the following term, the student may be suspended or dismissed from the university.
4. A student enrolled in 6 or more credit hours who fails to achieve a 1.00 average in the course work of any term will be suspended.
5. A student on academic probation may not receive a grade of incomplete (I).
6. A student who has earned 0-24 credits must attain a 1.60 grade point average. A student who has earned 25-54 credits must achieve a 1.80 average. A student who has earned 55-84 credits must achieve a 1.90 average, and a student who has earned 85 or more credits must attain at least a 2.00 to maintain acceptable academic progress. Failure to make the aforementioned academic progress at the end of any term will result in academic probation.

Academic probation means that a student is not in good standing and is subject to suspension or dismissal if the student's work does not reach a satisfactory level.

Academic suspension is normally for one term. A student who has been suspended may apply for re-admission. Re-admitted students will enter on probation and be obligated to the requirements in the catalog in effect at the time of the re-admission.

Any re-admitted student failing to achieve the necessary grade point average by the end of the second term after re-admission may be permanently dismissed from the university.

Appeals of academic suspension and petitions for re-admission should be directed to the provost for review by the president or his designee. A listing of requirements that must be met in writing in order for an appeal to be resolved will be sent to each student. This listing is also available in Academic Services.

Transcripts

All information in each student's university record folder is considered confidential information and is issued only to authorized individuals. Requests for official transcripts of the academic record from any individual or agency will not be filled until authorization has been received in writing from the individual student.

A fee of \$5 is charged for each transcript requested.

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.

A request for a transcript should be made either on a transcript request form or by letter to the Registrar's Office, including name, Social Security Number, date 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 in the Academics area.

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 Academic Services Office. Unless specifically prohibited by the student, Lindenwood University may release "Student Information" at its discretion for government-mandated reporting, news releases, and other purposes that it believes serve the student's interest. This includes (1) full name, (2) local and home addresses, (3) local and home telephone numbers, (4) e-mail address, (5) date and place of birth, (6) most recent educational institution attended, (7) enrollment status, (8) class level, (9) dates of attendance, (10) degrees, awards and honors received, (11) participation in officially recognized activities and sports, (12) weight and height of athletic team members, and (13) photographs.

Students may withhold information from some of these disclosure requests by notifying the Academic Services Office in writing the first week of each semester. All written requests for non-disclosure will be honored by the university for only one semester; therefore, authorization to withhold student information must be filed during each semester of attendance.

University Honors College

The University Honors Program at Lindenwood University offers students the opportunity to graduate with an honors college certificate. University honors are also noted on the students' transcripts and diplomas.

In order to qualify for the program, incoming Freshmen must have a 29 or above on the ACT. Transfer students require a 3.3 GPA from their previous institution. LU students can enter the program after their first semester if they have a 3.3 GPA. A student not meeting the general requirements but excelling in a particular discipline may petition the course professor and the Honors Director for honors credit for a particular class.

To complete program students must complete 24 hours of Honors credit. Eighteen hours of the 24 must be in classes at the 200 level or above. Only grades of "A" count toward honors credit. Students must also have a 3.3 GPA in order to graduate with University honors.

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 College, and Webster University. Full-time 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 program. No additional tuition cost is involved. Lab fees will be charged at the host university.

Junior Year Abroad

Lindenwood University requires that all foreign study for which degree credit is earned must contribute to the student's academic program. The student has two options:

1. An established program supervised by an American college or university with credits transferred back to Lindenwood;
2. Independent study or study abroad programs, either under the direction of a member of the Lindenwood faculty or under foreign instruction recognized by the sponsoring member of the Lindenwood faculty, for which papers, examinations, or other acceptable indications of achievement are submitted to establish credit.

Either option must be approved by the division at Lindenwood that will recommend credit. To be eligible for a foreign study program, the student must: (1) have junior standing, except in unusual cases; (2) have a grade point average of 3.0 or higher; (3) have facility in the spoken language of the country to which he or she is going or plan to study the language as part of the approved coursework; (4) satisfy the committee approving the program that he or she has the maturity and self-reliance needed, and (5) have a definite educational objective acceptable to the chairperson of the department who will recommend credit.

Applications for study abroad must be filed with the chairperson of the appropriate department by February 1 of the year preceding the proposed program. Final approval of the program and the credit to be granted after completion of the study rests with the dean of academic services who acts on the recommendation of the department chairperson.

All responsibility for travel, finances, application for admission to a foreign institution where applicable, and other necessary arrangements rests with the student. A student's enrollment in a program of study abroad which has been approved for credit by Lindenwood may be considered enrolled at the home institution for the purposes of applying for assistance under the Title IV programs; consult Director of Financial Aid for additional information. Questions about student study abroad opportunities may be directed to the vice president for academic affairs.

ROTC Cross-Enrollment and Simultaneous Membership Program
See "Military Science" in this catalog.

Success Center

Students entering the university in a full-time course of study who fail to demonstrate sufficient competency in the areas of reading, writing, or mathematics may be placed in one or more of the following courses offered by the university:

- COL 051 Fundamentals of Reading
- COL 052 Fundamentals of Writing
- COL 053 Fundamentals of Mathematics

Each of these courses carries three semester hours of credit. Those hours are developmental and are not counted as part of the 128 required for a Lindenwood University bachelor's degree.

The Success Center combines individualized instruction with computer-enhanced learning modules to develop the competencies necessary for more advanced learning. Students complete each course at their own learning rate and are successful when acceptable competency levels are reached.

Student Expenses
2008-2009 Academic Year Tuition
Full-time Undergraduate Tuition

(12 through 18 credit hours) \$6,350/semester
 Overload Fee \$360/credit hour

Part-time Tuition

Undergraduate semester rate \$360/cr hr
 Undergraduate quarter rate \$300/cr hr

Housing & Meals

Semester/Trimester \$3,250/term
 Quarter \$2,700/quarter
 Room fee during breaks \$210/week

Other Fees

Housing/Enrollment Deposit (non-refundable) . \$300 Full-time
 Student Health and Activity Fee \$140/term
 Communications Fee-Residence Halls . . . \$150/term Full-time
 Student E-Mail Fee \$30/term
 Lab Fee (in specified courses) \$30-\$75
 Course Studio Fee (general) \$30-\$75
 Course Studio Fee (other*) \$85/course
 Student Teaching Fee \$250
 Applied Music Fee \$150/credit hour

**Includes such items as ceramics, color theory, photography and figure drawing)*

(For individual lessons in piano, voice, orchestral instruments and organ; per semester hour credit)

Experiential Learning Fee (one-time only charge) \$250
 Experiential Learning Credit \$75/cr hr
(a charge to full-time students who take more than 18 hours in a term)
 Late Registration Fee \$25
 Promissory Note Origination Fee \$25
 Late Payment Fee (per month) \$50
 Culminating Project Extension Fee \$50
 Graduation Processing/diploma fee
 Undergraduate \$100

Note: The undergraduate or graduate contract degree rate will be determined at the time of admission into the program. 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 covers telephone service, voicemail, email and cable TV services. The university provides complimentary Internet service to resident students living in the dormitories and some on campus housing.

Enrollment Deposit

Resident students are expected to pay a \$300 non-refundable fee to reserve their rooms. The room reservation fee becomes a refundable room damage deposit after the student has attended classes and the semester charges have been paid.

This deposit remains on account at the university as long as the student resides in campus housing. Any damage to the assigned housing during the time of residence will be deducted from the deposit. Students are entitled to a deposit refund

upon completion of the Residential Check-Out form once all outstanding debts to the university have been satisfied. If a new student withdraws prior to the beginning of a term, the housing application fee is not refunded. Continuing students must notify the Resident Life Office of plans not to return as a resident student the following term and complete the Residential Check-Out form. Failure to complete this process by the date of the last class or exam preceding the departure will result in forfeiture of the deposit. No refund for room and board charges will be made for an academic year after the student signs either a New Student Housing Application or a Returning Student Housing Application.

Students must meet all financial obligations to the university in order to qualify for a room damage deposit refund. Application materials for the refund are available in the Business Office.

When students have been accepted for admission, students, and their parents and/or guardians accept all the conditions of payment as well as all the regulations of the university. In making the initial payment of \$300, 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.

An additional charge may be added for all single rooms in the dormitories and/or apartment/house living quarters (on a space availability basis).

Payment Options

All tuition charges and fees are payable prior to the beginning of the term. Students should consult their student account representative in the Business Office regarding due dates or to make other payment arrangements prior to the beginning of the term. Payment options include:

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 employer if the note is not paid by the date due.

Direct Debit Payment Note (DDP): Lindenwood University offers a Direct Debit Payment Plan for the convenience of students. Their payments can be made directly (electronically) from their checking account. There are no fees associated with this method of payment.

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.

Delinquent Accounts

Students must meet all financial obligations to the university in order to qualify for continued enrollment or graduation.

This means that, each semester or term, each student must pay all money due to the university, including tuition, fees, traffic fines, library fines, and any other financial obligation.

Students with delinquent accounts can expect that

1. enrollment for a succeeding term will not be allowed.
2. grades for the current term will be held.
3. a transcript will not be issued.

4. the student will not be permitted to graduate.

Withdrawal & Refund

Students wishing to withdraw from Lindenwood University should contact both the Registrar's Office and the Financial Aid Office. In order to receive the proper refund, any notification of withdrawal or cancellation and requests for refund should be made in writing. To begin the withdrawal process, students should submit a completed withdrawal form to the Registrar's Office located in the lower level of Roemer Hall. The office hours are Monday-Thursday, 8 a.m. until 6 p.m., Friday 8 a.m. until 5 p.m. and Saturday 8 a.m. until 4 p.m.

Calculations of the return of Title IV aid or tuition adjustments shall be based on the date the student begins the withdrawal process, provides official notification of the intent to withdraw, or the midpoint of the payment period for which Title IV aid was disbursed.

Students who receive Title IV aid while attending Lindenwood University and withdraw during the first 60 percent of the term will be disbursed Title IV aid in direct proportion to the length of time he/she remains enrolled. A student who remains enrolled beyond the 60 percent point of the term will not be entitled to a return of Title IV aid.

All students are subject to the Lindenwood University refund calculation as described below. If any student withdraws prior to the beginning of a term, all payments for that term, except the initial \$300 non-refundable room reservation deposit, will be refunded.

The refund policy for tuition, including overload charges for Semester and Trimester schedules, is as follows:

Withdrawal during 1st two weeks	75%
Withdrawal during 3rd week of term	50%
Withdrawal during 4th week of term	25%
Withdrawal after 4th week of term	No Refund

The Quarter tuition refund schedule is as follows:

Withdrawal before 1st class meets	100%
Withdrawal before 2nd class meets	75%
Withdrawal before 3rd class meets	50%
Withdrawal before 4th class meets	25%
After 4th class meets	No Refund

No refund for room 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 non-refundable, except as indicated under "Enrollment Deposit" and above.

Appeals

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 Business Office Controller.

In order to appeal a decision, the student must submit a written request to the Business Office Controller 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 Secretary 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) Federal Perkins Loans; (3) PLUS; (4) Federal Pell Grant awards; (5) Federal SEOG awards; (6) other Title IV student assistance; (7) other federal, state, private or institutional aid; and (8) 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.

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 below. Institutional awards and grants are offered in the areas of academics, leadership, athletics, and the fine arts.

The Lindenwood University financial aid program provides assistance to students with financial need who would otherwise be unable to receive an undergraduate education. 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.

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. 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) that results from the processing of the FAFSA and must complete any required verification. 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). Financial aid is an award from grant, loan, and/or work funds that will help meet this need. Upon completion of all documentation necessary to establish eligibility, financial assistance will be posted to the student 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.fafsaed.gov. The LU school code is 002480. Students are reminded to press "print" because that is what submits the application. Students should then FAX submission results to the attention of their admissions counselors at 636-949-4989 and sign and mail signature page to them. If students have any questions about their SAR (Student Aid Report), they are encouraged to call 1-800-433-3243.

Scholarships

A variety of scholarships are awarded to students who have excelled in fields of study, community activities, 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, room and board charges are incurred. Therefore, tuition, room, and board charges that are reduced as a result of being unearned will automatically result in an immediate proportional reduction of the Lindenwood University scholarship or grant as also being unearned. All institutional aid will be reduced in accordance with the student's reduced charges. 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.

Older Student & Institutional Grants

Lindenwood University offers a 50 percent scholarship to all persons age 55 and over. The university also offers partial institutional grants for employees of selected companies, municipalities, and school systems. These grants apply to the tuition for credit classes and do not apply to courses that are audited. Any other funding may first replace the Lindenwood University funding.

Student Employment

Most full-time resident students are able 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.

Types of 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) which must then be sent to the Lindenwood University Financial Aid Office. Electronic filing results will also be sent directly to the institution in the form of an Institutional Student Information Record (ISIR).

Federal Supplemental Equal Opportunity Grant (FSEOG)

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

Federal Work-Study Program (FWS)

The 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 Perkins Loans

This is a federal loan to students at an interest rate of five percent repayable nine months after graduation, after termination of an academic program, or after enrolling for fewer than 6 credit hours during a semester. Students may borrow up to \$4,000 per year to an aggregate maximum of \$20,000 as an undergraduate, and \$6,000 per year to an aggregate maximum of \$40,000 as a graduate student.

Repayment extends over a maximum of 10 years at a minimum monthly payment of \$40. This loan is administered by Lindenwood University and does not require a separate application other than the FAFSA. Availability of this loan is at the discretion of the dean of admissions and financial aid.

Federal Family Education Loan Programs (FFELP)

Subsidized Federal Stafford Loan

The federal government guarantees loans from \$3,500 to \$5,500 for eligible undergraduates and up to \$8,500 for eligible graduate students per academic year. These loans are made by private lending institutions, and interest is subsidized by the federal government.

Eligible Stafford Borrower Limits:

Undergraduate Study

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

Graduate Study

\$8,500/academic yr.

Cumulative Limit

(including undergraduate study) \$65,500

For borrowers who have loans that were originated July 1, 2007 - June 30, 2008, the interest rate on a Stafford Loan is fixed at 6.8 percent.

Students must file the FAFSA to determine eligibility for a Stafford Loan and must submit Student Aid Reports in order to receive loan funds.

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 FFELP Stafford Loan program may borrow under the Unsubsidized Stafford Loan program.

Similar to 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; however, any 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.

Federal Parent Loans to Undergraduate Students (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. FPLUS interest rates for a loan disbursed between July 1, 1998 and June 30, 2006 is variable based on the 91-day T-bill plus 3.1 percent, not to exceed 9 percent. Effective July 1, 2007 through June 30, 2008, the interest rate is fixed at 8.5 percent.

A student can obtain a Master Promissory Note application form for the subsidized Federal Stafford Loan from the Lindenwood University Financial Aid Office.

Unsubsidized Loan (Formerly SLS)

Unsubsidized loans to students provide for a maximum of \$4,000 for the first two years of study and \$5,000 per year for the third or subsequent years, with an aggregate loan limit of \$23,000, and up to \$12,000 a year for graduate students with an aggregate loan limit of \$73,000.

Graduate and professional students or independent undergraduate students are eligible to borrow under this program. Loans made under the unsubsidized loan program are not eligible for interest subsidy. Students must therefore pay this interest payments while in school, or allow the interest to capitalize.

The interest rate for a loan originated July 1, 2007 – June 30, 2008 is fixed at 6.8 percent.

Loan Limits

Pursuant to P.L. 101-508, 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 consistently emphasized in the university's Student Loan Entrance and Exit Interviews for both the Federal Perkins Loan Program and the Federal Stafford Loan Program, are required by 34 CFR 672.42 and CFR 682.04, respectively. A sample loan repayment schedule may be obtained by contacting the Financial Aid Office. The term and conditions whereby borrowers under the Federal Family Loan Program may obtain deferral of their principal and interest are reviewed during the Student Loan Exit Interview. Additional information regarding a deferment may be obtained by contacting the Student Loan Guarantor or the Financial Aid Office.

Types of 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 known as Charles Gallagher Student 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 3 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.

Missouri Teacher Education Scholarship

Eligible applicants for the Missouri Teacher Education Scholarship Program are defined as residents of Missouri who

1. are high school seniors, university freshman, or university sophomores enrolled in a four-year college or university located in Missouri or students enrolled in a junior or community college located in Missouri;

2. make a commitment to pursue an approved teacher education program and enroll as full-time students in a four-year college or university in Missouri;

3. Have achieved scores on an accepted nationally-normed test of academic ability such as the Scholastic Aptitude Test (SAT), the American College Test (ACT), or the School College Ability Test (SCAT) which place them at or above the 85th percentile or have achieved a high school grade point average which ranks them in the upper 15 percent of their high school graduating class as calculated at the end of the sixth semester. Applications are available through high school counselors financial aid offices throughout the state of Missouri.

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 contact the Missouri Coordinating Board or the Financial Aid Office for details on eligibility criteria.

Vocational Rehabilitation

Assistance may be available for students with disabilities. Students should contact their regional office of Vocational Rehabilitation in regard to benefits. Students may contact the Lindenwood University Financial Aid Office if they have questions.

Montgomery G.I. Bill, MOARG, 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. Coordinator or in the offices of Admissions and Financial Aid.

Veterans' Benefits

Veterans who believe they may be eligible for benefits can receive information and applications through the V.A. coordinator 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. Wives and children of disabled veterans are also eligible for assistance.

It is the responsibility of the students to notify the V.A. coordinator of any changes in their class schedules. The Registrar's Office 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.

1. 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.

2. The student accepts the responsibility of notifying the Registrar, the V.A. coordinator at the university, and his/her advisor immediately in case of withdrawal from any course.

3. 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 absences.

4. The Veterans Administration will be informed that progress is no longer satisfactory with the accumulation of 12 or more hours of "F" grades.

5. LCIE students receiving benefits through the Veterans Administration must comply with the university's general policies regarding withdrawal, attendance, and satisfactory progress

Satisfactory Progress

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. Satisfactory academic progress requires that a student must accumulate a minimum number of credit hours over a maximum number of enrollment periods and a minimum cumulative grade point average for each period of attendance.

The minimum cumulative Grade Point Average (GPA) is listed under "Scholarship Standards" below and in the graduate catalog. Satisfactory progress is defined as satisfactory based on the following maximum academic years and earned credit hours per school division of enrollment:

Full-time Students

Undergraduate College

Academic Years Completed

1	2	3	4	5	6
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Earned Credit Hours:

16	34	55	77	100	128
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Satisfactory academic progress determination is made for all students at the end of each academic year.

For a student to be eligible for Title IV Aid at Lindenwood University, the student must have academic standing at the point in the program that is consistent with Lindenwood University's requirements for graduation as previously listed under "Scholarship Standards". Before each payment period, the student's academic record will be checked for satisfactory academic progress based on the most recent determination.

In general, satisfactory progress requires that for each two semesters (which constitutes one academic year, summer being optional) of enrollment, 16 credit hours must be earned the first year, a total of 34 by the end of the second year and so on according to the above chart for full-time undergraduate semester students, and 12 hours the first year and so on for full-time graduate students.

Part-time and quarter schedule undergraduate students must successfully complete at least 50 percent of their credit hours attempted and have academic standing at that point in the program that is consistent with Lindenwood University's requirements for graduation.

Failure to maintain minimum academic progress will result in a student being ineligible to receive Title IV financial assistance, following a financial aid probationary period, except as follows: If a student fails to meet the minimum requirements as stated at the end of the second academic year, the student will be placed on Financial Aid Suspension.

Financial Aid Probation/Suspension Reinstatement

Except at the end of the student's second year, if a student fails to meet the minimum requirements as stated, the student will be placed on financial aid probation for the next succeeding academic year of enrollment. If at the end of the probationary academic year of enrollment the student does not meet the minimum requirements, 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. Students placed on probation or suspension will have their Lindenwood University Institutional Grant re-evaluated. Withdrawal from the university has no effect on the student's satisfactory progress upon re-entering.

Appeals

A student has the right to appeal if he/she feels that he/she has complied with the requirements of the satisfactory academic progress policy or believes that there are factors such as undue hardship because of the death of a relative, an injury or illness, or similar special circumstances that could affect the decision, or that said decision was not correctly made. If the student's appeal is granted, the student will be placed on Financial Aid probation and will have the next succeeding term of enrollment to meet the minimum requirements stated above.

In order to appeal a decision, the student must submit a written application to the dean of financial aid, including any evidence that would substantiate the appeal. The case will be evaluated by the Appeals Committee. The committee will advise the student of its decision within 20 working days following the date the appeal is received.

Out of Classroom Life

The fabric of a learning community weaves itself whole. To bridge formal and out-of-classroom learning, the Student Development Office—in collaboration with the LSGA—promote programs, services, and diverse opportunities for personal growth and development.

Lindenwood University currently serves nearly 14,000 students in more than 100 undergraduate and graduate degree programs. Resident students live on the 500-acre, wooded, highly attractive campus within a large metro area that offers almost unlimited cultural, recreational, entertainment and service opportunities.

Built in 1929, Margaret Leggat Butler Library is a beautiful building full of character and tradition meant to provide an environment for scholarly pursuit. The library contains a balanced 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 as well as the idea of reading and research as essential skills for the lifelong learner. 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 recently added coffee shop, Java 201.

Butler Library is fully automated with wireless capabilities, allowing students to access its resources both on campus and off campus. Faculty and students have access to over 50 subscription databases providing them with the ability to retrieve full-text documents at no cost. In addition, the library houses the Mary E. Ambler Archives, which includes primary source material documenting the history of Lindenwood and the surrounding area.

The Library is a member of the MOBIUS consortium. MOBIUS 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, Lindenwood's 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 email.

Lindenwood Student Government Association

All students at Lindenwood, full-time and part-time, undergraduate or graduate are encouraged to participate in the Lindenwood Student Government Association (LSGA). The LSGA works to promote structure for student expression and self-government. Members of the LSGA play a strong role in the academic and administration decision-making process of the university through representation in various planning governance committees. For more information about LSGA, please contact the Student Development offices.

Residence Halls

Each Lindenwood residence hall has a distinct atmosphere meant to extend and enhance the university's classrooms. Resident directors and advisors provide support for students on a day-to-day basis.

Athletics

Intercollegiate, intramurals and recreational sports are an important part of Lindenwood's out-of-classroom life.

Intramural sports offer exercise and healthy competition to all students in the community.

Intercollegiate baseball, basketball, bowling, cheerleading, cross country, field hockey, ice hockey, football, golf, lacrosse, roller hockey, soccer, softball, spirit squads, swimming and diving, tennis, track, trap and skeet, volleyball, water polo, and wrestling are offered for full-time students.

Lindenwood is a member of the Heart of America Athletic Conference (HAAC) and the men's and women's Divisions of the National Association of Intercollegiate Athletics (NAIA).

For those involved in team sports and others interested in personal fitness, the university has a Field House and Fitness Center with extensive weight training equipment.

Religious Life

Lindenwood University enjoys an historical relationship with the Presbyterian Church (USA). The university fosters an ecumenical spirit that celebrates the wide range of religious traditions represented on a campus. Students wishing to worship can find religious services of all major faiths within the greater St. Louis area.

Campus Tobacco Use

The use of both smoking and smokeless tobacco is prohibited in all buildings on campus. This includes classrooms, laboratories, hallways, offices, restrooms, residence halls and lounges.

KCLC – FM 89.1

Students may participate in the operation of Lindenwood's all digital radio station, KCLC-FM, through the Communications Department. A 35,500-watt stereo facility, KCLC is the principal local radio station in St Charles County and performs a major role in community affairs, entertainment programming, local news gathering, and sports broadcasting.

Lindenwood University LUTV-989, All-Digital Television Channel

Students have the opportunity to conduct practica and internships in the context of Lindenwood's Higher Education Television Channel. St. Charles County's only Higher Education TV Venue offers original programming designed to provide education experiences and cultural enrichment for persons of all ages in Charter Communications' St Charles County broadcast area.

Firearms Policy

No person is permitted to carry firearms or other weapons—either concealed or visible - on Lindenwood property or to any Lindenwood class (offered anywhere), except duly sworn law enforcement officers who are on duty. Off-duty police officers may carry completely concealed weapons to their Lindenwood classes only if authorized to do so by their employer and the state of Missouri or Illinois.

Campus Accessibility

It is the guiding philosophy of Lindenwood University to make programs and facilities as accessible to students with disabilities as is practical. The coordinator for campus accessibility services acts to ensure the accessibility of programs and assists and supports students with disabilities. 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 dean of academic services.

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 our off-campus sites. Many conferences, workshops, meetings and community events are held each year at the various Lindenwood facilities.

2008-2009 Academic Calendar

Semester Schedule

Fall Semester 2008

Faculty Workshops	August 18 – 22
Freshman Orientation Check-in	August 20
Freshman Orientation	August 21 - 24
Fall Residential Check-In	August 24
Classes Begin	August 25
Opening Convocation 4 p.m.	August 27
Labor Day Holiday	September 1
Last day to register for or add class, or choose audit	September 5
Last day to register for a Late Start Class	Before Sept 8th
Last day to withdraw with “W”	October 3
Late Start Classes begin	October 6
Midterm Grades due, noon	October 10
Last date to withdraw with “WP”/“WF”	October 31
Deadline to apply for March/May/June graduation	November 1
Spring semester and J-term registration Seniors and Juniors	November 10-11
Spring semester and J-term registration Sophomore and Freshman	November 17-18
Thanksgiving Holiday	November 27-28
Last Day of Classes	December 5
Final Exams	December 8-12
Deadline for making up INC grades from Spring	December 12
Lindenwood residential semester student housing closes at 4:30 p.m.	December 12
Final Grades due, 3 p.m.	December 15

January Term 2009

Last Day to register for J-Team class	December 29
J-Term Residential Check-In	January 4
Classes Begin	January 5
Last day to withdraw with a “W”	January 15
Last day of class	January 23
Final Grades due, 3 p.m.	January 26

Spring Semester 2009

New Student Registration/Orientation- Residential Housing Opens	January 24
Spring Residential Check-In	January 25
Classes Begin	January 26
Last day to register, add a class, or choose an audit	February 6
Last day to register for a Late Start Class	Before Feb 9
Deadline to apply for August/September/October/December Graduation	February 28
Last day to withdraw with a “W”	March 6
Late Start classes begin	March 9
Midterm grades due, noon	March 13
Fall Semester Registration and Housing Sign-up – Seniors and Junior	March 16-17
Fall Semester Registration and Housing Sign-up – Sophomores and Freshmen	March 23-24
Spring Break	March 28-April 5
Easter Break	April 10-12
Last day to withdraw with a “WP” or “WF”	April 10
Honors Convocation 2 p.m.	April 26
Last day of classes	May 8
Final Exams	May 11-15
Deadline for making up “INC” grades from Fall	May 15
Lindenwood Residential Housing closes at 4:30 p.m.	May 15
Baccalaureate Ceremony and Graduate Students’ Commencement 7:30 p.m.	May 15
Undergraduate Commencement 10 a.m.	May 16
Final Grades due, 3 p.m.	May 18

2008-2009 Academic Calendar

Quarter Schedule

Fall Quarter 2008

LCIE Continuing Undergraduate Student Opening Session (6 p.m.)	October 1
LCIE New Undergraduate and Graduate Student Opening Session (8:15 a.m.)	October 4
Quarter NPA and traditional undergraduate classes begin	October 6
Last day to drop with a "W"	October 17
Last Day to Choose an Audit	October 31
Deadline to apply for March/May/June graduation	November 1
Midterm grades due, noon	November 14
Last day to withdraw from a class with a "WP/WF"	November 21
Thanksgiving Holiday- No Classes	November 27-28
Lindenwood residential quarter/graduate housing closes at 6 p.m.	December 20
Quarter Ends	December 20
Deadline for making up "INC" from previous term	December 20
Final Grades due, 3 p.m.	December 22

Winter Quarter 2009

LCIE Continuing Undergraduate Student Opening Session (6 p.m.)	January 7
LCIE New Undergraduate and Graduate Student Opening Session (8:15 a.m.)	January 10
Quarter NPA and traditional undergraduate classes begin	January 12
Last day to drop with a "W"	January 23
Last Day to Choose an Audit	February 6
Midterm grades due, noon	February 20
Last day to withdraw from a class with a "WP/WF"	February 27
Deadline to apply for August/September/October/December graduation	February 28
Deadline for making up "INC" from previous term	March 28
Quarter Ends	March 28
Final Grades due, 3 p.m.	March 30

Spring Quarter 2009

LCIE Continuing Undergraduate Student Opening Session (6 p.m.)	April 8
Good Friday Observance- no classes	April 10
LCIE New Undergraduate and Graduate Student Opening Session (8:15 a.m.)	April 11
Quarter NPA and traditional undergraduate classes begin	April 13
Last day to drop with a "W"	April 24
Last Day to Choose an Audit	May 8
Midterm grades due, noon	May 22
Memorial Day, no classes	May 25
Last day to withdraw from a class with a "WP/WF"	May 29
Deadline for making up "INC" from previous term	June 27
Quarter Ends	June 27
Final Grades due, 3 p.m.	June 29

Summer Quarter 2009

LCIE Continuing Undergraduate Student Opening Session (6 p.m.)	July 8
LCIE New Undergraduate and Graduate Student Opening Session (8:15 a.m.)	July 11
Quarter NPA and traditional undergraduate classes begin	July 13
Last day to drop with a "W"	July 24
Last Day to Choose an Audit	August 7
Midterm grades due, noon	August 21
Last day to withdraw from a class with a "WP/WF"	August 28
Labor Day Holiday	September 7
Deadline for making up "INC" from previous term	September 26
Quarter Ends	September 26
Final Grades due, 3 p.m.	September 28

2008-2009 Academic Calendar

5-Term MBA Program Spring, 2008

Classes Begin	April 7
Last Day to Withdraw with a "W"	April 18
Last Day to Choose an Audit	April 28
Midterm Grades due, Noon	May 2
Last Day to withdraw with a "WP/WF"	May 16
Memorial Day Holiday	May 26
Final Exams	June 2-6
Deadline for making up "INC" grades from fall	June 7
Spring Term Ends	June 7
Final Grades Due, 3 p.m.	June 9

Summer, 2008

Classes Begin	June 9
Last Day to Withdraw with a "W"	June 20
Last Day to Choose an Audit	June 30
Midterm Grades due, Noon	July 3
Independence Day Holiday	July 4
Last Day to withdraw with a "WP/WF"	July 18
Final Exams	August 4-9
Deadline for making up "INC" grades from Spring	August 9
Summer Term Ends	August 9
Final Grades Due, 3 p.m.	August 11

Fall 1, 2008

Classes Begin	August 18
Last Day to Withdraw with a "W"	August 29
Labor Day Holiday	September 1
Last Day to Choose an Audit	September 8
Midterm Grades due, Noon	September 12
Last Day to withdraw with a "WP/WF"	September 26
Final Exams	October 13-18
Deadline for making up "INC" grades from Summer	October 18
Fall 1 Term Ends	October 18
Final Grades Due, 3 p.m.	October 20

Fall 2, 2008

Classes Begin	October 20
Last Day to Withdraw with a "W"	October 31
Deadline to apply for March/May/June graduation	November 1
Last Day to Choose an Audit	November 10
Midterm Grades due, Noon	November 14
Last Day to withdraw with a "WP/WF"	November 26
Thanksgiving Break	November 27-28
Final Exams	December 15-20
Deadline for making up "INC" grades from Fall 1	December 20
Fall 2 Term Ends	December 20
Final Grades Due, 3 p.m.	December 22

2008-2009 Academic Calendar

Spring 1, 2009

Classes Begin	January 5
Last Day to Withdraw with a "W"	January 16
Last Day to Choose an Audit	January 26
Midterm Grades due, Noon	January 30
Last Day to withdraw with a "WP/WF"	February 13
Deadline to apply for August/September/October/December graduation	February 28
Final Exams	March 2-7
Deadline for making up "INC" grades from Fall 2	March 7
Spring 1 Term Ends	March 7
Final Grades Due, 3 p.m.	March 9

Spring 2, 2009

Classes Begin	March 9
Last Day to Withdraw with a "W"	March 20
Spring Break	March 28-April 5
Last Day to Choose an Audit	March 30
Midterm Grades due, Noon	April 9
Easter Break	April 10-12
Last Day to withdraw with a "WP/WF"	April 17
Final Exams	May 11-16
Deadline for making up "INC" grades from Spring 1	May 16
Spring 2 Term Ends	May 16
Final Grades Due, 3 p.m.	May 18

Summer, 2009

Classes Begin	June 1
Last Day to Withdraw with a "W"	June 12
Last Day to Choose an Audit	June 22
Midterm Grades due, Noon	June 26
Independence Day Holiday	July 4
Last Day to withdraw with a "WP/WF"	July 10
Final Exams	July 27-August 1
Deadline for making up "INC" grades from Spring 2	August 1
Summer Term Ends	August 1
Final Grades Due, 3 p.m.	August 3

PROGRAM DESCRIPTIONS

BOONE DIVISION

American Studies

Program Description

The American Studies major focuses on the interdisciplinary study of the American Experience by looking at how people in the United States think about their country and themselves. American studies is a viable major offering many options for graduates in media, government service, business, non-profit organizations, museums, libraries, journalism, politics and teaching, as well as advanced study in graduate school.

Lindenwood owns and operates the Boone Home, a national historic site and the Boonesfield Village. Opportunities for interdisciplinary experiential learning experiences and strong on-site academic courses are available to enhance student development. The setting permits a unique full immersion learning experience. Students are encouraged to combine disciplines in non-traditional ways by drawing upon the resources of the entire university.

Bachelor of Arts in American Studies

A major in American Studies requires students to complete a total 42 credit hours of designated coursework. All students must complete the following 21 hours of core courses for the major: AST 201, HIS 105, HIS 106, ENG 235, ENG 236, ART 359, and AST 400.

Students pursuing a degree in American Studies must also include an emphasis in the one of the following areas: Art and Culture, History, Literature, or Political Science. Along with the core requirements, students must complete 21 hours in their area of emphasis.

All American Studies majors must take the following courses to fulfill General Education requirements: ART 220, ENG 201, ENG 202, PHL 150, PS 155 or PS 156, PHL 150, and REL 200 or REL 202.

Bachelor of Arts in American Studies: Art and Culture

The Bachelor of Arts in American Studies with emphasis in Art and Culture requires completion of the core requirements for the Bachelor of Arts in American Studies plus 21 hours of elective courses selected from the following courses: ANT 210, ART 265, ART 359, ART 361, ART 362, ART 363, ART 385, AST 340, AST 341, MUS 150, and SOC 318.

Bachelor of Arts in American Studies: History

The Bachelor of Arts in American Studies with emphasis in History requires completion of the core requirements for the Bachelor of Arts in American Studies plus 21 hours of elective course selected from the following: ANT 210, HIS 204, HIS 207, HIS 210, HIS 214, HIS 255, HIS 256, HIS 305, HIS 308, HIS 309, HIS 310, HIS 312, HIS 314, HIS 315, HIS 316, HIS 320, HIS 322, MUS 150, and REL 210.

Bachelor of Arts in American Studies: Literature

The Bachelor of Arts in American Studies with emphasis in: Literature requires completion of the core requirements for the Bachelor of Arts in American Studies plus 21 hours of elective courses selected from the following: ANT 210, ENG 276, ENG 278, ENG 310, ENG 335, ENG 337, ENG 345, ENG 347, ENG 350, and *ENG 380.

* This course may be repeated for credit under different topics.

Bachelor of Arts in American Studies: Political Science

The Bachelor of Arts in American Studies with emphasis in Political Science requires completion of the core requirements for the Bachelor of Arts in American Studies plus 21 hours of elective courses selected from the following: ANT 210, PS 300, PS 301, PS 305, PS 307, PS 311, PS 325, PS 327, PS 345, PS 351, PS 360, PS 365, SW 240, and SOC 318.

Minor in American Studies

A minor in American Studies requires the completion of 21 semester hours in the following courses: AST 201, HIS 105 or 106, ENG 235 or 236, ART 359, REL 202, and two electives selected from: PS 155, PS 156, REL 200, and MUS 150.

RECREATION LEADERSHIP

Program Description

Lindenwood University offers a minor in Recreation Leadership. A minor in Recreation Leadership compliments such majors as business, behavioral sciences, Christian Ministry Studies, nonprofit administration, physical education and education and enhances student preparation for positions of leadership and service in private, nonprofit, commercial, municipal/government, or military programs; youth agencies, county, state and national parks; and /or religious and education institutions.

Students seeking a minor in Recreation Leadership must complete RLS 202, Introduction to Recreation Leadership; NPA 351 Volunteer Management; or NPA 371 Grant Writing, plus 18 hours of coursework selected from the following list of RLS courses: RLS 110, RLS 111, RLS 112, RLS 113, RLS 130, RLS 131, RLS 133, RLS 322, RLS 323, RLS 324; RLS 380, RLS 381, RLS 382, RLS 383, RLS 390, RLS 470, RLS 471, RLS 472, RLS 489, 490, 491, 493, RLS 494, 495, 496, 497, and RLS 499.

COMMUNICATION DIVISION

Communications

Program Description

Undergraduate degrees are offered in Advertising and Media, Corporate Communication, Journalism, Multimedia Design and Mass Communication with a variety of emphases. All students majoring in Advertising and Media, Corporate Communication, and Multimedia Design Communication must complete a portfolio. Faculty advisors will review the specific requirements with students well in advance of the senior year. An evaluation of the portfolio will be completed in COM 460 (Senior Communication Seminar) and will constitute a portion of the student's grade in that class.

Early Access to the M.A. or M.S. Program

With approval from the Dean of Communication 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 M.A. degree in Communication but not toward the bachelor's degree. A student must be enrolled in at least 12 semester hours of undergraduate classes each semester that he or she is taking M.A. credits under this option.

Advertising and Media

The Bachelor of Arts in Advertising and Media consists of 48 hours requiring the following courses: COM 130, COM 151, COM 154, COM 233, COM 302, COM 305, COM 307, COM 327, COM 335, COM 360, COM 401, COM 427, COM 460, BA 350, BA 358, and BA 452.

Corporate Communication

The Bachelor of Arts in Corporate Communication consists of 48 hours requiring the following courses: COM 130, COM 154, COM 233, COM 242, COM 302, COM 303, COM 305, COM 307, COM 327, COM 401, COM 460, BA 350, BA 358, BA 452 and PSY 333. Three credit hours are also required in activity/experiential coursework and must be selected from COM 301 or COM 450.

Journalism

The Bachelor of Arts in Journalism consists of 51 hours. The following courses constitute the core for both of the areas of emphases: COM 135, COM 154, COM 233, COM 242, COM 291, COM 300, COM 306, COM 401, COM 465. Specialized coursework will determine the major emphasis area. The degrees and their requirements are:

Journalism - Print/Internet

The specialized requirements for the Bachelor of Arts in Journalism-Print/Internet are COM 292, COM 305, COM 308, COM 325, COM 334, COM 390, COM 435, and COM 445 or PS 307.

Journalism - Broadcast

The specialized requirements for the Bachelor of Arts in Journalism-Broadcast are COM 151, COM 304, COM 327, COM 343, COM 390, and COM 256, COM 308, or COM 445. An additional activity/experiential component will be selected from COM 344 or COM 450.

Multimedia Design Communication

The Bachelor of Arts in Multimedia Design Communication consists of 51 hours requiring the following courses: ART 106, ART 108, ART 120, ART 210, ART 306, ART 308, ART 310, COM 154, COM 233, COM 305, COM 307, COM 334, COM 352, COM 357, COM 443, COM 444, and COM 450.

Mass Communications

The Bachelor of Arts in Mass Communication requires between 48 and 54 hours. The following courses constitute the core for all the areas of emphases: COM 130, COM 151, COM 154, COM 233, COM 242, COM 302, COM 307, COM 327, COM 401 and COM 460. An additional activity/experiential component will be selected from COM 301 or COM 450. Specialized coursework will determine the major emphasis area. The degrees and their requirements are:

Mass Communication - Radio/TV

The specialized requirements for the Bachelor of Arts in Mass Communications-Radio/TV are COM 256, COM 304, COM 352, COM 360 and an additional COM 301.

Mass Communication - Radio

The specialized requirements for the Bachelor of Arts in Mass Communications-Radio are: COM 304, COM 352, COM 360 and an additional COM 301.

Mass Communication - Television

The specialized requirements for the Bachelor of Arts in Mass Communications-Television are COM 256, COM 304, COM 354, COM 357, COM 360 and an additional COM 301.

Mass Communication - Media Management and Sales

The specialized requirements for the Bachelor of Arts in Mass Communications-Media Management and Sales are COM 303, COM 335, COM 360, and BA 350.

Mass Communication - Public Relations

The specialized requirements for the Bachelor of Arts in Mass Communications-Public Relations are COM 303, COM 305, COM 427, and BA 452.

Mass Communication - Sports Information

The specialized requirements for the Bachelor of Arts in Mass Communications Sports Information are COM 305, COM 335, BSM 260, BSM 410, and BA 452.

Minor in Communication

A minor in Communication requires 27 hours of coursework that consists of COM 130, COM 233, COM 242, COM 303, COM 305, COM 327 and either COM 151 or COM 154 and 6 hours of Communication electives from COM 151, COM 154, COM 256, COM 304, COM 307, COM 335, COM 352, COM 360, and COM 401.

EDUCATION DIVISION

Education

Program Description

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 accredit the Lindenwood University Teacher Education Programs. The Education Division is also a member of the Teacher Education Accreditation Council. Students who enroll in the Education Division may take two distinct pathways to completion of their prescribed program. First, successful completion of the Lindenwood University Teacher Education Program qualifies the student for recommendation for a teaching certificate issued by the Missouri Department of Elementary and Secondary Education, DESE. Second, those students who desire to work in an educational field but do not desire a teaching certificate at this time may pursue an Educational Studies degree.

Acceptance into the Teacher Education Program is divided into two distinct levels and is the result of action by the Council of Teacher Education. The council, broadly representative of all divisions at the university, considers applications after the student has completed a majority of general education requirements but not more than 15 hours of education coursework, achieved a minimum GPA of 2.5, and attained a passing score on the C-Base test. The final level of acceptance comes after the student has passed the subject area exit assessment (PRAXIS II) prior to student teaching. Passage of PRAXIS II before student teaching demonstrates that the pre-service teacher has mastered the subject area that he/she will teach. Teacher Education Program students who have taken the suggested coursework before taking the PRAXIS and do not pass the PRAXIS can seek assistance from the LU Counseling Center for guidance in taking tests, test anxiety etc. The Counseling Center can then advise the Dean of Education or designee that the student is eligible for the guarantee of 18 additional hours of courses in order to further prepare the student for the PRAXIS. No tuition fee will be charged provided for this additional course work. This does not apply to student teaching.

In addition, a portfolio approved by the division must be completed before a grade for student teaching is recorded. This portfolio relates to the Department of Elementary and Secondary

Education Missouri Standards for Teacher Education Programs as specifically outlined in the 11 beginning standards for teacher educators. Additionally, certification requires a cumulative grade point average of 2.5 in both the certification area and the professional education coursework.

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. The university degree does not serve as a license to teach. 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 student applies for certification to teach in Missouri. The student who wishes certification in other states should seek advice from the certification officer in the Education Division concerning requirements in other states.

EDUCATION CERTIFICATION PROGRAMS

Early Childhood Special Education

Courses required for the Early Childhood Special Education certificate are EDU 110, EDU 246, EDS 302, EDU 303, EDU 304, EDU 305, EDU 306, EDU 309, EDU 312, EDU 314, EDU 316, EDU 317, EDU 320, EDU 322, EDS 324, EDU 325, EDU 327, EDU 329, EDS 333, EDS 337, EDU 341, EDU 345, EDU 351, EDU 380, EDU 399, and EDU 410.

Early Childhood (Birth through Grade 3)

Courses required for the Early Childhood (Birth through Grade 3) certificate are EDU 110, EDU 246, EDU 303, EDU 304, EDU 305, EDU 306, EDU 309, EDU 312, EDU 314, EDU 316, EDU 317, EDU 320, EDU 322, EDU 325, EDU 327, EDU 329, EDU 341, EDU 345, EDU 351, EDU 380, EDU 399, and EDU 410.

Elementary (1-6)

Courses required for the Elementary (1-6) certificate are EDU 110, EDU 303, EDU 304, EDU 341, EDU 345, EDU 322, EDU 380, EDU 246, EDU 274, EDU 310, EDU 311, EDU 317, EDU 305, EDU 306, EDU 309, EDU 399, EDU 313, EDU 312, EDU 319, EDU 320, and EDU 410.

Elementary with Special Education (Grades 1-12) Add-On

Courses required for the Elem/Special Education (Grades K-12) certificate are EDU 110, EDU 303, EDU 304, EDU 341, EDU 345, EDU 322, EDU 380, EDU 246, EDU 274, EDU 310, EDU 311, EDU 305, EDU 306, EDU 309, EDU 399, EDU 313, EDU 312, EDU 319, EDU 320, EDS 318, EDS 326, EDS 302, EDS 324, EDS 333, EDS 337, EDS 357, EDS 340, PSY 201, and EDU 410.

MIDDLE SCHOOL (GRADES 5-9)

Business

Course requirements for the Middle School (Grades 5-9) certificate in Business are EDU 110, EDU 303, EDU 304, EDU 307, EDU 309, EDU 320, EDU 321, EDU 336, EDU 341, EDU 380, EDU 385, EDU 386, EDU 387, EDU 388, EDU 399, AND EDU 410. Also required are COL 170, COM 303, ENG 372, BA 200, BA 201, BA 210, BA 212, and BA 360.

Language Arts

Course requirements for the Middle School (Grades 5-9) certificate in English are EDU 110, EDU 247, EDU 303, EDU 304, EDU 307, EDU 309, EDU 320, EDU 321, EDU 334, EDU 341, EDU 380, EDU 385, EDU 386, EDU 387, EDU 388, EDU 399, and EDU 410. Also required are ENG 235, ENG 236, ENG 302, ENG 211, ENG 201, ENG 202, and ENG 372.

Industrial Technology

Course requirements for the Middle School (Grades 5-9) certificate in Industrial Technology are: EDU 110, EDU 303, EDU 304, EDU 307, EDU 309, EDU 320, EDU 321, EDU 339, EDU 341, EDU 380, EDU 385, EDU 386, EDU 387, EDU 388, EDU 399, AND EDU 410. Also required are twenty-one hours selected from three clusters offered at SCC-Flo-Valley: Cluster A: choose 6 hours from the following: EGR100, ART123, EGR140, EGR225, ART215, ART271; Cluster B: Choose 6 hours from the following: EE130, EE131, EE132, EE241, ME223, ME 255; Cluster C: Choose 6 hours from the following: ME 249, ME151, ME152, CE108, ME241, ME140. Select electives from any cluster to total 21 hours. Also required are MTH 144 at Flo-Valley and PSY100 either LU or Flo-Valley.

Mathematics

Course requirements for the Middle School (Grades 5-9) certificate in Mathematics are: EDU 110, EDU 303, EDU 304, EDU 321, EDU 380, EDU 341, EDU 307, EDU 309, EDU 399, EDU 331 or EDU 312, EDU 385, EDU 386, EDU 387, EDU 388, EDU 410, CSC 100, MTH 134, MTH 141, MTH 151, MTH 152, MTH 170 and MTH 135.

Science

Science courses required for the Middle School (Grades 5-9) certificate in Science are: EDU 110, EDU 303, EDU 304, EDU 307, EDU 309, EDU 320, EDU 321, EDU 330, EDU 341, EDU 380, EDU 385, EDU 386, EDU 387, EDU 388, EDU 399, AND EDU 410. Also required are BIO 100, BIO 107, CHM 100, PHY 100, ESC 100, ESC 110, ESC 111, ESC 130, and ESC 131.

Social Studies

Course requirements for the Middle School (Grades 5-9) certificate in Social Studies are: EDU 110, EDU 303, EDU 304, EDU 307, EDU 309, EDU 320, EDU 321, EDU 335, EDU 341, EDU 380, EDU 385, EDU 386, EDU 387, EDU 388, EDU 399, AND EDU 410. Also required are HIS 100, HIS 105, HIS 106, HIS 200, PS 155, PS 156, BA 210, GEO 201, PSY 100, SOC 102 and one elective.

SECONDARY (9-12)

Student seeking teaching certification at the secondary level earn a BA in the subject area and certification to teach. For instance, if a student wishes to teach English at the high school level, he/she will earn a BA in English and certification grades 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.

Business

Course requirements for the Secondary (Grades 9-12) certificate in Business are: EDU 110, EDU 303, EDU 304, EDU 307, EDU 321, EDU 320, EDU 336, EDU 341, EDU 380, EDU 410, COL 170, BA 200, BA 201, BA 211, BA 212, BA 240, BA 320, BA 303, BA 350, BA 360, BA 370, BA 430 and COM 303 plus four 300 or 400-level business electives. Keyboard course or passing proficiency exam is required. See Marketing Add-On.

Biology

Course requirements for the Secondary (Grades 9-12) certificate in Biology are EDU 110, EDU 303, EDU 304, EDU 307, EDU 320, EDU 321, EDU 330, EDU 341, EDU 380, EDU 410, BIO 227, BIO 228, BIO 251, BIO 252, BIO 304, BIO 308, BIO 320, BIO 362 or BIO 365, BIO 364, BIO 490, BIO 491, CHM 251, CHM 261, CHM 252, CHM 262, MTH 151, MTH 152, MTH 241, PHY 251, and SC 212 or PHL 265.

English

Course requirements for the Secondary (Grades 9-12) certificate in English are: EDU 110, EDU 303, EDU 304, EDU 320, EDU 321, EDU 307, EDU 334, EDU 341, EDU 380, EDU 410, ENG 235, ENG 236, ENG 302, ENG 304, ENG 305, ENG 306, ENG 309 or 342 or 343, ENG 332 or ENG 338, ENG 339 or 341, ENG 333, ENG 335 or ENG 351 or ENG 310, ENG 354, and ENG 372. ENG 211 is encouraged as an elective. Students in this field are also required to complete ENG 201 and 202 as their general education literature courses and complete at least two courses in a foreign language at the intermediate level or above.

Health

Course requirements for the Secondary (Grades 9-12) certificate in Health are: EDU 110, EDU 275, EDU 303, EDU 304, EDU 307, EDU 321, EDU 320, EDU 325, EDU 340, EDU 341, EDU 380, EDU 410, BIO 227, BIO 228, PE 160, PE 200, PE 300, PSY 220, PSY 365, SOC 315 and 4 Health elective credits to be selected from BIO 121, PE 310, PE 315, PE 305.

Industrial Technology

Course requirements for the Secondary (Grades 9-12) certificate in Industrial Technology are: EDU 110, EDU 303, EDU 304, EDU 307, EDU 320, EDU 321, EDU 339, EDU 341, EDU 380, EDU 410. Select from three clusters offered at SCC-Flo-Valley: Cluster A: choose 12 hours from the following: EGR 100, ART 123, EGR 140, EGR 225, ART 215, ART 271; Cluster B: Choose 12 hours from the following: EE 130, EE 131, EE 132, EE 241, ME 223, ME 255; Cluster C: Choose 9 hours from the following: ME 249, ME 151, ME 152, CE 108, ME 241, ME 140; Also required are MTH 144 at Flo-Valley and PHY 100 either LU or Flo-Valley.

Mathematics

Course requirements for the Secondary (Grades 9-12) certificate in Mathematics are EDU 110, EDU 303, EDU 304, EDU 307, EDU 320, EDU 321, EDU 331, EDU 341, EDU 380, EDU 410, CSC 100, CSC 144, MTH 271, MTH 272, MTH 290, MTH 303, MTH 311, MTH 315, MTH 320, MTH 330 and MTH 341, and PHY 301.

Marketing Education Add-On with Business Program

Course requirements for the Secondary (Grades 9-12) certificate in Business with Marketing Education are EDU 110, EDU 303, EDU 304, EDU 307, EDU 320, EDU 321, EDU 333, EDU 341, EDU 380, EDU 410, COL 170, BA 200, BA 201, BA 211, BA 212, BA 240, BA 320, BA 303, BA 350, BA 360, BA 370, BA 430 and COM 303, EDU 365/565, EDU 366/566, EDU 367/567, EDU 394/594, EDU 395/595, EDU 396/596, and EDU 397/597 plus five marketing-related courses. Students are also required to test out or complete a keyboarding class.

Speech/Theatre

Course requirements for Secondary (Grades 9-12) certificate in Speech/Theatre are: EDU 110, EDU 303, EDU 304, EDU 307,

EDU 311, EDU 320, EDU 321, EDU 337, EDU 341, EDU 380, EDU 410, COM 105, COM 110, COM 315, COM 327, TA 101, TA 103, TA 111, TA 112, TA 201, TA 204, TA 210, TA 216, TA 304, TA 305, TA 306, TA 370, TA 480, plus 3 hours from TA 100, TA 200, TA 300, and/or TA 400, and 9 hours from TA 301, TA 303, TA 350, TA 401, TA 404, TA 405, TA 406, TA 407, TA 408, TA 409, TA 430 and/or TA 465.

Unified Science (Biology Endorsement)

Course requirements for the Secondary (Grades 9-12) certificate in Unified Sciences with Biology Endorsement are EDU 110, EDU 303, EDU 304, EDU 307, EDU 320, EDU 321, EDU 330, EDU 341, EDU 380, EDU 410, BIO 227, BIO 228, BIO 251, BIO 252, BIO 304, BIO 308, BIO 320, BIO 362 or BIO 365, BIO 364, BIO 490, BIO 491, CHM 251, CHM 261, CHM 252, CHM 262, ESC 100, ESC 110, MTH 152, MTH 241, PHY 251 or PHY 301, PHY 252 or PHY 302, and SC 212 or PHL 265.

Unified Science (Chemistry Endorsement)

Course requirements for the Secondary (Grades 9-12) certificate in Unified Sciences with Chemistry Endorsement are EDU 110, EDU 303, EDU 304, EDU 307, EDU 320, EDU 321, EDU 330, EDU 341, EDU 380, EDU 410, BIO 251, BIO 252, BIO 362, CHM 111, CHM 251, CHM 261, CHM 252, CHM 262, CHM 351, CHM 361, CHM 362, CHM 471, CHM 490, ESC 100, ESC 110, MTH 271, MTH 272, PHY 251, or PHY 301, PHY 252 or PHY 302, and SC 212 or PHL 265.

Social Studies (History Major)

Course requirements for 9-12 social studies certification include the following: EDU 110, EDU 303, EDU 304, EDU 307, EDU 320, EDU 321, EDU 335, EDU 341, EDU 380, EDU 410; HIS 200, 205 or 220, 223, 105, 106, 3 upper level U.S. history courses (at least 2 must be 300+ level), 301, 302, 2 300+ level European history classes, 203 and 400. Required general education courses include HIS100, US Government (HIS 210 suggested, PS 155 accepted) and BA 210 Economics and either MTH 121 or MTH 141.

A social studies minor is strongly encouraged for students seeking social studies certification. In addition to the history and education courses listed above, courses for the minor include ANT 112, GEO 201, PS 156, PSY 100, SOC 102, and one of the following—ANT 210, ANT 300, ANT 317, BA 315, BA 415, SOC 318, SOC 320.

If students choose not to complete a minor in social studies (below), they are required to also complete GEO 201, PS 156, and two of the following--PSY 100, SOC 102, ANT 112 for certification.

SPECIAL EDUCATION (K-12)

Cross-categorical Add-On

Course requirements for the Special Education (Grades K-12) certificate in Cross-categorical are: PSY 201 or EDS 303 and EDU 304, EDS 318, EDS 324, EDS 326, EDS 333, EDS 337, EDS 340, EDU 341, EDU 345, and EDS 357.

K-12 CERTIFICATION

Art

Course requirements for K-12 Certification in Art are EDU 110, EDU 303, EDU 304, EDU 307, EDU 311, EDU 320, EDU 321, EDU 333, EDU 341, EDU 380, EDU 410, ART 106, ART 108, ART 130, ART 136, ART 181 or ART 120, ART 200, ART 220, ART 240, ART 320, ART 330, ART 331, ART 334,

ART 400, 3 hours from ART 356, ART 357, ART 359, ART 364, or ART 383, 3 hours from ART 354, ART 361, ART 362, or ART 363, 3 hours from ART 354, ART 356, ART 357, ART359, ART 361, ART 362, ART 363, ART 364, ART 383, ART 385, or ART 386.

Dance

Course requirements for K-12 Certification in Dance are: EDU 110, EDU 303, EDU 304, EDU 307, EDU 311, EDU 320, EDU 321, EDU 325, EDU 333, EDU 341, EDU 380, EDU 410, Select 2 hours of practicum from DAN 103, DAN 203, DAN 303 or DAN 403 (All may be repeated for credit). Select 9 hours from Modern Technique: DAN 301, DAN 302, DAN 401, or DAN 402. Select 9 hours from Modern Ballet: DAN 220, DAN 221, 320, DAN 321, DAN 322, DAN 323, DAN 420, DAN 421, DAN 422, or DAN 423. Select 6 hours from Jazz Technique: DAN 304, DAN 305, DAN 306, DAN 404, DAN 405, DAN 406 (prerequisites or permission of instructor required). Select 2 hours from Tap Technique: DAN 211, DAN 212, DAN 311, DAN 312, DAN 411, DAN 412. Select 3 hours of Electives: DAN 330, DAN 470 (both may be repeated for credit). Take 6 hours from Theory and Composition: DAN 309 and DAN 310. Take 6 hours from Dance History: DAN 110 (required for General Education Credit in Fine Arts) and DAN 371. Take 3 hours from Dance Teaching Methods: DAN 372. Take 7 hours from Kinesiology: PE 207 and PE 310. Take 3 hours for Senior Project: DAN 472.

Foreign Language French

Course requirements for K-12 Certification in Foreign Language French are EDU 110, EDU 303, EDU 304, EDU 307, EDU 312, EDU 320, EDU 321, EDU 332, EDU 341, EDU 380, EDU 410, FLF 201, FLF 202, FLF 311, FLF 337, FLF 350, FLF 351, FLF 3XX, FLF 3XX, and 15 hours elective coursework to be taken at the Caen, France campus.

Foreign Language Spanish

Course requirements for K-12 Certification in Foreign Language Spanish are EDU 110, EDU 303, EDU 304, EDU 307, EDU 320, EDU 321, EDU 332, EDU 341, EDU 380, EDU 410, and 39 credit hours of coursework beyond the Intermediate Spanish II (FLS 202) level or equivalent proficiency. Of these 39 credit hours, 15 will be taken in Costa Rica. Degree requirements are as follows: Coursework to be taken at the St. Charles campus: FLS 201, FLS 202, FLS 311, FLS 312, FLS 335, FLS 336, FLS 350, FLS 351, and two different FLS 370 literary seminars. Coursework to be taken at the Costa Rica campus: FLS 313, FLS 314, FLS 337, and six credit hours of literature courses selected from among FLS 360, FLS 361, FLS 362, and FLS 363. All of the 300-level culture and literature courses are conducted in Spanish.

Music (Instrumental)

Course requirements for K-12 Certification in Instrumental Music are: EDU 110, EDU 303, EDU 304, EDU 307, EDU 320, EDU 321, EDU 323, EDU 338, EDU 341, EDU 380, EDU 410 MUS 114, MUS 115, MUS 131, MUS 132, MUS 340, MUS 342, MUS 355, MUS 356, MUS 357, MUS 360, MUS 365, MUS 383, MUS 384, MUS 490, 4 hours from MUS 104, MUS 204, MUS 304, and/or MUS 404, and 7 hours from MUS 109, MUS 209, MUS 309, and/or MUS 409.

Music (Vocal)

Course requirements for K-12 Certification in Vocal Music are: EDU 110, EDU 303, EDU 304, EDU 307, EDU 320, EDU 321, EDU 323, EDU 338, EDU 341, EDU 380, EDU 410, MUS

114, MUS 115, MUS 131, MUS 132, MUS 355, MUS 356, MUS 357, MUS 370, MUS 375, MUS 379, MUS 383, MUS 384, MUS 490, 6 hours from MUS 104, MUS 204, MUS 304, and/or MUS 404, and 7 hours from MUS 110, MUS 210, MUS 310, and MUS 410.

Physical Education

Education course requirements for K-12 Certification in Physical Education are: EDU110, EDU 303, EDU 304, EDU 307, EDU 320, EDU 321, EDU 325, EDU 340, EDU 341, EDU 380, and EDU 410. Please see Physical Education section for specialty area requirements.

Special Education

Education students interested in special education will note that the special education certification program leads to certification in elementary education (1-6) or a regular education certification and an area of special education certification (K-12).

It is recommended that students consider other combination certificates such as:

Early Childhood/Elementary (Birth-Grade 6)
Elementary/Middle School (1-9)
Secondary/Middle School (5-12)

Students seeking special education certification must complete a major in either elementary, middle school, or a secondary content area. Special education is a minor, requiring 24 hours to complete certification. A transcript in the completed program acknowledges special education as a minor. Courses must be carefully planned and sequenced by the student and the student's advisor, as some courses are offered only in the fall or spring semester.

Middle School and Secondary Certification

Students seeking middle school certification must complete a minimum of 21 specific hours area of concentration within their field of certification. Students seeking only middle school certification should be aware that such certification allows them limited career options in middle school education (Grades 5-9). Those seeking secondary certification must complete a major in their subject specialty.

Therefore, middle school and secondary education students are encouraged to consider an endorsement in a second area. Coursework must be carefully planned and sequenced by the student with an advisor for both of these multifaceted programs.

ATHLETIC TRAINING Program Description

Lindenwood University offers a Bachelor of Science degree in Athletic Training. This program is designed to prepare the athletic training students to succeed on the National Athletic Trainers' Association Board of Certification Examination and become Certified Athletic Trainers. The student must complete the required coursework and 1,600 contact hours with a certified athletic trainer and/or clinical instructor. During the 1,600 hours, the students successfully complete the National Athletic Trainers Association's Athletic Training Clinical Competencies and Proficiencies; the remaining 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 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.

The Bachelor of Science in Athletic Training requires completion of the following 82 hour course of study: AT 290, AT 293, AT 295, AT 301, AT 302, AT 303, AT 390, AT 391, AT 392, AT 393, AT 394, AT 429, AT 430, AT 431, AT 432 AT 433, AT 435, AT 436, AT 437, AT 438, AT 439, PE 160, PE 200, PE 310, PE 315, PE 316; Also required are MTH 141 Any MTH elective numbered 131 or higher; CHM 100, BIO 100, BIO 121, BIO 227, BIO 228.

EXERCISE SCIENCE

Program Description

Lindenwood University offers a Bachelors of Science in Exercise Science degree which emphasizes fitness and conditioning of individuals from all perspectives. You will study physiology and functional adaptations to movement and exercise. Areas covered are body composition, strength training, endurance training, cardiovascular fitness, fitness administration, and mental health. This curriculum includes several laboratories with enriching hands-on experiences. Internships are also required in areas of personal training, community health, corporate fitness, cardiac rehabilitation, exercise administration, physical therapy, accelerated rehabilitation or large group instruction.

Bachelor of Science in Exercise Science has 11 credits of pre-requisites for science and math, 21 credits in sciences, and requires 43-46 core credits. You will find course descriptions for other areas under their perspective majors.

Lindenwood University Exercise Science Department also offers 3 minors, Strength and Conditioning, Health and Wellness, and Sport and Fitness Management.

Bachelor of Science in Exercise Science

The Bachelor of Science in Exercise Science has 11 credits of pre-requisites for science and math, 21 credits in sciences, and requires 43-46 core credits. Pre-requisites-Science/Math Requirements CHM 100, BIO 100, MTH 141, BIO 227, BIO 228, BIO 121, PE 310, PE 315, PE 316, EXS 310; Exercise Science: PE 160, PE 200, PE 220, PE 305, PE 320, AT 295, EXS 100, EXS 300, EXS 390, EXS 400, EXS 405, EXS 420, EXS 430, EXS 440.

Minors are also available in Strength and Conditioning, Health and Wellness, Sport and Fitness Management. The strength and conditioning minor will have the components necessary to set for the National Strength and Conditioning Association (NSCA) or American College of Sports Medicine (ACSM) certification exams in strength and conditioning. The student will also could be eligible for a certification from Aerobic and Fitness Association of America (AFAA). Sport and Fitness Management Minor prepares students to enter the world of ownership or management in the healthcare system. Health and Wellness Minor gains additional information for helping people cope with the sociological and psychological areas of well-being.

Minor in Strength and Conditioning

Minor in Strength and Conditioning, 31 Credits
PE 305, PE 318, PE 356, PE 420 or AT 295, EXS 200, EXS 220, EXS 300, EXS 405, EXS 420, EXS 450.

Minor in Sport and Fitness Management

Minor in Sport and Fitness Management, 30 Credits
(Mandatory classes and 15 credits of your choice)
EXS 100*, EXS 300*, BSM 260*, BSM 410*, COM 303*, EXS 420, BA 200, BA 330, BA 332, BA 338, BA 350, BA 359, BA 360. *Mandatory Class

Minor in Health and Wellness

Minor in Health and Wellness, 30 Credits
(Mandatory classes and 18 credits of your choice)
PE 200*, PE 300*, PSY 220*, SOC 220*, SOC 315, SOC 318, PSY 200, PSY 280, PSY 303, PSY 312, PSY 330, PSY 332, PSY 334, SW 240, SW 280, REL 220, REL 300, REL 305.
*Mandatory Class

PHYSICAL EDUCATION

Program Description

Lindenwood Univeristy offers students 4 majors: Bachelor of Arts in Physical Education with Teaching certification K-12, Bachelor of Arts in Health with Teaching certification K-12, Bachelor of Arts in Physical Education with Teaching certification K-12 and Health K-12 Add-on, and Bachelor of Science in Physical Education. Physical Education also offers a Coaching minor which gives the students in physical education and other majors an opportunity to pursue work with a variety of populations from recreation and competitive sports.

Bachelor of Arts in Physical Education in Secondary Education

Students may pursue a degree in Education that will lead to certification as an elementary/secondary physical education or health teacher. The degree requires 45 credit hours of coursework in Physical Education, 40 hours of Education courses, and 14 hours of Math /Science courses. The Teacher Education Program is accredited by the Commission on Institutions of Higher Education of the North Central Association of Colleges and Schools, and the Missouri Department of Education. The Education Division is also a member of the Teacher Education Accreditation Council (TEAC). Successful completion of the Lindenwood University Teacher Education Program qualifies the student for recommendation of a teaching certificate issued by the Missouri Department of Elementary and Secondary Education, DESE. Following degree completion and passage of the state mandated exams, the student may apply for certification to teach in Missouri. Degree requirements are as follows: PE 150, PE 160, PE 200, PE 205, PE 207, PE 211, PE 220, PE 305, PE 310, PE 315, PE 320, PE 400, plus 7 credit hours of coursework in Team or Lifetime Sports selected from the following list of courses: (Team Sports) PE 100, PE 101, PE 102, PE 103, PE 104, PE 105, PE 106, PE 107, PE 108, PE 109, PE 110, (Lifetime Sports) PE 112, PE 120, PE 121, PE 122, PE 126, PE 127, PE 129, PE 130, PE 131, PE 132, PE 133, PE 134, PE 135, PE 136, PE 137, PE 138, PE 139, PE 140, PE 141, PE 142, PE 143, PE 144, PE 145, PE 148, PE 149, PE 151, PE 152, PE 153, PE 154, PE 155, PE 156, PE 157, PE 158, PE 159, PE 161, PE 170, PE 171, PE 172, PE 173 or PE 318. Required Education course include EDU 110, EDU 303, EDU 304, EDU 307, EDU 320, EDU 321, EDU 325, EDU 340, EDU 341, EDU 380, and EDU 410. Other required courses are MTH 141, MTH 121 or higher, CHM 100, BIO 100.

Bachelor of Arts in Physical Education with Teaching certification K-12 and Health K-12 Add-on

For those students wishing to get a Health Certification Add-on, the following additional 15 credit hours of coursework are required: SOC 315, PSY 303, PE 300, EDU 275. Additional 4 credit hours are required from the following classes: PE 200, PE 207, PE 310, PE 315.

BACHELOR OF SCIENCE IN PHYSICAL EDUCATION

Bachelor of Science in Physical Education allows students to work in a non-traditional teaching setting. Places of employment may be in community health, community fitness centers, and health and wellness areas. The Bachelor of Science in Physical

Education requires 59 credit hours of coursework. Degree requirements are as follows:
PE 150, PE 160, PE 200, PE 203, PE 207, PE 220, PE 305, PE 310, PE 315, PE 318, PE 320, PE 349, PE 356, PE 400, EDU 325, PSY (200-300 level). Science Course, minimum of 3 credits. 6 credit hours in Team or Lifetime Sports selected from the list below.

Bachelor of Arts in Health Education K-12

Degree requirements are as follows:
Health Education Coursework (28 credits)
PE 200, PE 300, SOC 315, PSY 220, PSY 365, BIO 227, BIO 228; Health Electives (4) includes any of the following: PE 200, PE 310, PE 315. Education Coursework (39 credits) EDU 110, EDU 275, EDU 303, EDU 304, EDU 307, EDU 320, EDU 321, EDU 325, EDU 341, EDU 380, EDU 410. Math/ Science Coursework (14 credits) MTH Elective (MTH 134 recommended), MTH 141, CHM 100, BIO 100.

Minor in Coaching

Students who pursue a minor in Coaching must be working toward a major offered by Lindenwood University. This area of study allows students to understand and practice all components of coaching. The coaching minor requires 30 credits to accomplish this degree. Degree requirements are as follows:
PE 430 Care and Prevention of Athletic Injuries (3) or Introduction to Athletic Training (AT 295) and Introduction of Athletic Training Lab (AT 290), PE 160, PE 318, PE 320, PE 349, PE Theory and Methods of Coaching Sports (9 total), PE 356, PE 420.

FINE & PERFORMING ARTS DIVISION

Art

Program Description

Lindenwood University's Fine and Performing Arts Division offers three degree programs in Studio Art and Art History. They are the Bachelor of Fine Arts in Studio Art, the Bachelor of Arts in Studio Art and the Bachelor of Arts in Art History. A Bachelor of Fine Arts in Studio Art with an emphasis in Graphic and Computer Art is also offered. Students can also earn a minor in Studio Art, Art History, or Graphic and Computer Art.

All students who are B.F.A. candidates must present an exhibition of their work in their final semester. Students must receive prior faculty approval two months before their show regarding the content of their B.F.A. exhibition. No work will be hung without faculty approval. All students must surrender one work approved by the faculty in their final semester.

Programs are available for concentration in Art Education. Contact the Education department about requirements concerning teacher certification.

Early Access to the M.A. or MFA Program

With approval of the dean of Fine & Performing Arts 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 M.A. or MFA degree, but not toward a bachelor's degree. A student must be enrolled in at least 12 semester hours of undergraduate classes each semester that he or she is taking master's degree credits under this option.

Bachelor of Fine Arts in Studio Art

The Bachelor of Fine Arts in Studio Art requires a minimum of 60 credit hours of coursework within the discipline. The program requirements include ART 106, ART 108, ART 120,

ART 130, ART 136, ART 181, ART 220, ART 330, ART 331, ART 400, and ART 460. Also required are 6 additional credit hours from ART 330 and/or ART 331 which are repeatable for credit; 3 hours of Art History pre-1800 selected from ART 356, ART 357, and ART 383; 3 hours of Art History post-1800 selected from ART 354, ART 361, ART 362; 3 hours of Art History (any era) selected from: ART 354, ART 356, ART 357, ART 359, ART 361, ART 362, ART 363, ART 364, ART 371, ART 383, and 385; plus 12 hours of Studio Art electives selected from: ART 120, ART 200, ART 240, ART 300, ART 306, ART 308, ART 315, ART 320, ART 334, ART 340, and/or ART 350.

Bachelor of Fine Arts in Studio Art degree with an Emphasis in Graphic and Computer Art

The Bachelor of Fine Arts in Studio Art with an emphasis in Graphic and Computer Art requires a minimum of 60 hours within the Art and Communication disciplines. The required courses include ART 106, ART 108, ART 120, ART 130, ART 136, ART 306, ART 308, ART 310, ART 330 or ART 331, ART 361, ART 362, ART 400, ART 418, ART 419, ART 460, ART 465, COM 305, COM 233, COM 443. Students are also required to take ART 220 to satisfy either the general education credit in Fine Arts or as one of the cross-cultural courses.

Bachelor of Arts in Studio Art

The Bachelor of Arts in Studio Art requires a minimum of 48 credit hours of coursework within the discipline. The list of required courses include ART 106, ART 108, ART 120, ART 130, ART 136, ART 181, ART 220, ART 331, ART 400; three additional credit hours from ART 330 or ART 331; 3 hours of Art History pre-1800 selected from: ART 356, ART 357, ART 359, ART 364, and ART 383; 3 hours of Art History post-1800 selected from ART 354, ART 361, ART 362, ART 363, ART 371, ART 364; 3 additional hours of Art History (any era) selected from: ART 354, ART 356, ART 357, ART 359, ART 361, ART 362, ART 363, ART 364, ART 371, ART 383, or ART 385; and 9 hours of Studio Art electives selected from ART 120, ART 200, ART 240, ART 300, ART 306, ART 308, ART 315, ART 320, ART 334, ART 340, ART 350.

Bachelor of Arts in Art History

The Bachelor of Arts in Art History requires a minimum of 48 credit hours within the discipline and 6 credit hours of a foreign language. The required courses in Art include ART 106, ART 136, ART 220, ART 400; 3 credit hours selected from ART 108, ART 120, ART 130, or ART 181; 6 hours of Art History pre-1800 selected from: ART 356, ART 357, ART 359, ART 364, and ART 383; 6 hours of Art History post-1800 selected from: ART 354, ART 361, ART 362, ART 363, ART 364, or ART 371; 21 hours of Art History (any era) selected from: ART 354, ART 356, ART 357, ART 359, ART 361, ART 362, ART 363, ART 364, ART 371, ART 383, and/or ART 385; and 6 credit hours of Spanish, French, or German to satisfy the General Education cross-cultural/foreign language requirement.

Arts Management—Studio Art or Art History

The Arts Management program with an emphasis in Studio Art or Art History is a multi-disciplinary curriculum. The major requires a minimum of 51 hours as follows: COL 170, BA 200, BA 210, BA 330, BA 350, BA 360, NPA 300, ART 130, ART 181, ART 200, ART 220, ART 385, ART 400 and 12 hours of ART electives selected from the following depending upon the area of emphasis:

Studio Art emphasis: ART 106, ART 108, ART 120, ART 136, ART 240, ART 300, ART 306, ART 308, ART 315, ART

320, ART 330, ART 331, ART 334, ART 340, and/or ART 350; Art History emphasis: ART 354, ART 356, ART 357, ART 359, ART 361, ART 362, ART 363, ART 364, ART 371, and/or ART 383.

Minor in Studio Art

A minor in Studio Art consists of 24 credit hours of coursework. The required courses are ART 106, ART 108, ART 130, ART 136, ART 220, ART 331; 3 additional credit hours from ART 330 or ART 331; 3 credit hours of Studio Art electives selected from ART 120, ART 181, ART 200, ART 240, ART 315, ART 320, ART 334.

Minor in Art History

A minor in Art History consist of 24 credit hours of coursework. The required courses are ART 106 or ART 130, ART 220; 3 hours of Art History pre-1800 selected from ART 356, ART 357, ART 383; 3 hours of Art History post-1800 selected from ART 354, ART 361, ART 362; 12 hours of Art History (any era) selected from ART 354, ART 356, ART 357, ART 359, ART 361, ART 362, ART 363, ART 364, ART 371, ART 383.

Minor in Graphic and Computer Art

A minor in Graphic and Computer Art consists of 24 credit hours of coursework. The required courses are ART 106, ART 108, ART 120, ART 130 or ART 220, ART 306, ART 308, COM 233, and COM 305.

DANCE

Program Description

The Arts Division offers both the Bachelor of Arts degree in Dance and a minor in Dance.

Bachelor of Arts in Dance

The Bachelor of Arts in Dance requires 51 credit hours of coursework. Specific course requirements are 3 hours of practicum (DAN 103, DAN 203, DAN 303, DAN 403, or DAN 375); 9 hours of ballet (DAN 320, DAN 321, DAN 322, DAN 323, DAN 420, DAN 421, DAN 422, and/or DAN 423); 9 hours of jazz (DAN 304, DAN 305, DAN 306, DAN 404, DAN 405, DAN 406); 6 hours of modern (DAN301, DAN 302, DAN 401, DAN 402); 6 hours of tap (DAN 211, DAN 212, DAN 311, DAN 312, DAN 411, DAN 412), DAN 309, DAN 310, DAN 371, DAN 372, DAN 472, and PE 310. In addition, students must take DAN 110 to satisfy the general education requirement in Fine Arts or one of the general education requirements in cross-cultural. Dance majors are also strongly recommended to take TA 105 as an elective class.

Bachelor or Arts in Arts Management—Dance

The Bachelor or Arts in Arts Management consists of 51 hours and includes the following courses: COL 170, BA 200, BA 210, BA 330, BA 350, BA 360, NPA 300, DAN 101, DAN 110, DAN 204, DAN 220, DAN 301, DAN 304, DAN 309, DAN 371, DAN 372, and 3 hours of dance electives chosen from DAN 211, DAN 212, DAN 311 DAN 312, DAN 411, DAN 412, DAN 320, DAN 321, DAN 420, DAN 421, and/or DAN 404.

Minor in Dance

A minor in dance is available and requires 27 hours of coursework. Required are 3 hours of modern dance (DAN 209, DAN 301, DAN 302, DAN 401, DAN 402); 6 hours of ballet (DAN 220, DAN 221, DAN 320, DAN 321, DAN 322, DAN 323, DAN 420, DAN 421, DAN 422, DAN 423); 6 hours of jazz (DAN 204, DAN 205, DAN 304, DAN 305, DAN 306, DAN

404, DAN 405, DAN 406); 3 hours of tap (DAN 211, DAN 212, DAN 311, DAN 312, DAN 411, DAN 412); DAN 110 or DAN 371; DAN 309; and 3 hour of dance practicum (DAN 103, DAN 203, DAN 303 and/or DAN 403).

FASHION DESIGN

Program Description

The Fashion Design major provides students with educational opportunities that will enable them to enter the professional world of fashion in a variety of areas, including design and manufacturing. Through studio and traditional courses, internships, and the use of state-of-the-art software, the graduate in fashion design is prepared to enter the competitive world of fashion or graduate school.

All Fashion Design majors are expected to design and execute a collection of original designs in their senior year. In all cases, a proposal outlining the design concept for the senior collection must be submitted in writing and approved by the faculty sponsor one semester before the annual student fashion show.

Bachelor of Arts in Fashion Design

The Bachelor of Arts in Fashion Design consists of 48 semester hours and includes the following courses: AFD/TA 212, AFD/TA 230, AFD/TA 235, AFD/TA 405, AFD 260, AFD 309, AFD340, AFD 350, AFD 380, AFD 450, AFD 499, ART 120, ART 130, ART 316, ART 331, ART 371/TA 371. Students are expected to take ART 220 to fulfill a general education requirement in Fine Arts or to satisfy one cross-cultural course.

Bachelor of Fine Arts in Fashion Design

The Bachelor of Fine Arts in Fashion Design consists of 60 semester hours and included the following course: AFD/TA 212, AFD/TA 230, AFD/TA 235, AFD/TA 405, AFD 260, AFD 309, AFD 340, AFD 350, AFD 351, AFD 380, AFD 450, AFD 465, AFD 499, ART 120, ART 130, ART 316, ART 331, ART/TA 371, and two courses from: AFD 352, AFD 360, AFD 376, AFD 460, and/or BA 171. Students are expected to take ART 220 to fulfill a general education requirement in Fine Arts or to satisfy one cross-cultural course.

Minor in Fashion Design

The minor in Fashion Design requires 27 hours and includes the following courses: AFD 212/TA 212, AFD 230/TA 230, AFD 235/TA 235, AFD 309, AFD 260, ART 120, ART 130, ART 220, and ART 371/TA 371.

MUSIC

Program Description

Lindenwood University offers the following degrees in Music: the Bachelor of Arts in Music, the Bachelor of Arts in Music Business, and the Bachelor of Arts in Music Performance. Students may also pursue teacher certification in Instrumental or Vocal/Choral Music. Endorsements in Instrumental or Vocal/Choral music are also available.

The Bachelor of Arts in Music degree prepares the students for careers as K-12 music educators. The Music Business degree merges business and musical expertise, preparing the graduate to enter the music industry with an ability to interact with professionals in both music and business. The Bachelor of Arts in Music Performance is designed for students who wish to pursue graduate study in music, establish private studios, pursue solo careers, or perform with major ensembles. Finally, the Bachelor of Arts in Arts Management with an emphasis in Music is a multi-disciplinary degree developed primarily for those individuals who choose a career path in not-for-profit management in the arts.

Professional opportunities for graduates of this program may be found in a variety of areas, including cultural arts and education center management, development and grant writing, public relations, and community development.

Bachelor of Arts in Music (Instrumental)

The major in Music (Instrumental) requires 49 hours and includes the following courses: MUS 114, MUS 115, MUS 131, MUS 132, MUS 340, MUS 342, MUS 355, MUS 356, MUS 357, MUS 360, MUS 365, MUS 383, MUS 384, MUS 490; four hours from MUS 104, MUS 204, MUS 304, MUS 404; seven hours from MUS 109, MUS 209, MUS 309, MUS 409. The Education courses required for teacher certification are listed in the Education section of the catalog.

Bachelor of Arts in Music (Vocal/Choral)

The major in Music (Vocal/Choral) requires 48 hours and includes the following courses: MUS 114, MUS 115, MUS 131, MUS 132, MUS 355, MUS 356, MUS 357, MUS 370, MUS 375, MUS 379, MUS 383, MUS 384, MUS 490; six hours from MUS 104, MUS 204, MUS 304, MUS 404, seven hours from MUS 110, MUS 210, MUS 310, MUS 410. The Education courses required for teacher certification are listed in the Education section of the catalog.

Bachelor of Arts in Music Performance

The major in Music Performance requires 63-65 hours and includes the following courses: MUS 131, MUS 132, MUS 165, MUS 231, MUS 232, MUS 320, MUS 355, MUS 356, MUS 357, MUS 390, MUS 490; sixteen hours from MUS 104, MUS 204, MUS 304, MUS 404; eight hours from large ensembles (instrumental-- MUS 109, MUS 209, MUS 309, MUS 409 or vocal-- MUS 110, MUS 210, MUS 310, MUS 410); and eight hours from small ensembles (instrumental--MUS 112, MUS 212, MUS 312, MUS 412 or vocal-- MUS 113, MUS 213, MUS 313, or MUS 413).

Students must also demonstrate piano proficiency. They may be required to take MUS 114 and MUS 115 to learn the piano skills required.

Bachelor of Arts in Music Business

The Bachelor of Arts in Music Business requires 66 hours and includes the following courses: MUS 131, MUS 132, MUS 330, MUS 499; four credit hours from MUS 104, MUS 204, MUS 304, MUS 404; a combination of six credit hours from MUS 109, MUS 209, MUS 309, MUS 409, MUS 110, MUS 210, MUS 310, and/or MUS 410; BA 200, BA 201, BA 240, BA 330, BA 332, BA 333, BA 350, BA 360, BA 432, BA 452; COM 233, COM 303, NPA 300 or NPA 371, and NPA 360.

Students are also required to take the following courses to satisfy general education requirements: BA 210 (one of the social science requirements) and MUS 357 (to satisfy the Fine Arts requirement).

Bachelor of Arts in Arts Management-Music

The Bachelor of Arts in Arts Administration-Music requires 53 hours and includes the following courses: COL 170, BA 200, BA 210, BA 330, BA 350, BA 360, NPA 300, NPA 360, MUS 100, MUS 131, MUS 132, MUS 165, MUS 355, MUS 356, MUS 357, and six hours from MUS 109, MUS 209, MUS 309, MUS 409, MUS 110, MUS 210, MUS 310, MUS 410, MUS 112, MUS 212, MUS 312, MUS 412, MUS 113, MUS 213, MUS 313, MUS 413.

Minor in Music

A minor in music is also offered. The minor requires 25 hours and includes the following courses: MUS 131, MUS 132, MUS 355, MUS 356, MUS 357; four semester hours of applied music from MUS 104, MUS 204, MUS 304, and/or MUS 404; and four semesters hours from MUS 109, MUS 209, MUS 309, MUS 409, MUS 110, MUS 210, MUS 310, and/or MUS 410.

PERFORMING ARTS

Program Description

The Bachelor of Arts in Performing Arts is an interdisciplinary major offered through the programs in Music, Dance and Theatre. Because this program spans three disciplines, it is imperative that the student's electives be chosen from 300-400 level classes across the curriculum in order to comply with graduation requirements for upper division coursework. A minor in Performing Arts is also offered.

Bachelor of Arts in Performing Arts

The Bachelor of Arts in Performing Arts requires 48 hours of course work. Require course are MUS 100, TA 101, TA 111, TA 201 or TA 204, TA 304, TA 370, DAN 101 (may be waived based on student's experience or training); 6 hours of ballet (DAN 220, DAN 221, DAN 320, DAN 321, DAN 322, DAN 323, DAN 420, DAN 421, DAN 422, or DAN 423); 6 hours of jazz (DAN 204, DAN 205, DAN 304, DAN 305, DAN 306, DAN 404, DAN 405, or DAN 406); 3 hours of tap (DAN 211, DAN 212, DAN 311, DAN 312, DAN 411, or DAN 412); MUS 114, MUS 124 or private voice lessons (2 credit hours); MUS 125 or private voice lessons (2 credit hours); and 3-4 hours of applied dance, music or theatre (DAN 103, DAN 203, DAN 303, DAN 403, MUS 110, MUS 210, MUS 310, MUS 410 TA 301, or TA 401). A Senior Project must be chosen from DAN 472 or TA 499.

THEATRE

Program Description

Lindenwood University offers the following degrees in Theatre: Bachelor of Arts in Theatre, Bachelor of Fine Arts in Acting, Bachelor of Fine Arts in Directing, Bachelor of Fine Arts in Technical Theatre/Design, Bachelor of Fine Arts in Musical Theatre, and a Bachelor of Arts in Arts Management-Theatre. A minor in Theatre is also offered.

The Bachelor of Fine Arts degrees in Acting, Directing, Technical Theatre/Design, and Musical Theatre are designed to prepare students for entry into the theatre as professional artists

In addition to the courses listed below for each degree, students are required to take TA 336, Survey of Dramatic Literature, as one of the Literature classes in the general education core.

Students in the B.F.A. 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/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. If necessary, it is recommended that full-time students pursuing the B.F.A. 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.

Early Access to the M.A. or MFA Program

With approval of both the dean of Fine and Performing Arts and the provost, a student may take up to 9 semester hours at the graduate level during his/her senior year. These hours will count

toward the M.A. or MFA degree, but not toward the bachelor's degree. A student must be enrolled in at least 12 semester hours of undergraduate classes each semester that he or she is taking master's degree credits under this option.

BACHELOR OF ARTS IN THEATRE

Program Description

The Bachelor of Arts in Theatre requires a total of 48 hours of coursework. Students will complete the core requirements of 39 hours and a major emphasis of 9 hours of Theatre electives. The Theatre and Performing Arts faculty assess the undergraduate majors in both coursework and production work. Successful progress is measured as having a grade of C or better in all major coursework as well as making contributions to departmental productions. The core course requirements for the Bachelor of Arts in Theatre are TA 101, TA 111, TA 112, TA 201, TA 204, TA 210, TA 216, TA 304, TA 305, TA 306, TA 370, and TA 480; plus 3 credit hours selected from TA 100, TA 200, TA 300, TA 400 and 9 hours of Theatre electives which include the following: TA 301, TA 303, TA 350, TA 401, TA 404, TA 405, TA 406, TA 407, TA 408, TA 409, TA 430, and/or TA 465.

In order for students to successfully compete in today's multimedia environment, majors are encouraged to use some of their free electives for communications courses in the following areas:

Performance--COM 130 (prerequisite for mass communication classes), COM 151, COM 154, COM 343, COM 344, COM 346, COM 347, COM 348.

Technical--COM 130 (prerequisite for mass communication classes), COM 151, COM 154, COM 346, COM 347, COM 348, COM 351, COM 354.

Bachelor of Fine Arts in Acting

The Bachelor of Fine Arts in Acting consists of 60 credit hours and includes the following courses: COM 154, COM 354 (prerequisite course COM 130 may be waived with permission); DAN 101, DAN 204 or 205; MUS 124, MUS 125; TA 101, TA 111, TA 201, TA 204, TA 210, TA 216, TA 304, TA 306, TA 370, TA 480, TA 499; 12 hours of Acting Studios TA 301, TA 401 (both repeatable for credit); and 1 hour from TA 100, TA 200, TA 300, and/or TA 400.

Bachelor of Fine Arts in Directing

The Bachelor in Fine Arts in Directing consists of 60 credit hours and includes the following courses: MUS 165; ART 220; COM 154, COM 354 (prerequisite course COM 130 may be waived with permission); TA 101, TA 111, TA 112, TA 201, TA 207, TA 210, TA 304, TA 305, TA 306, TA 335, TA 350, TA 370, TA 480, TA 499; 6 hours in TA 406; 2 hours from TA 100, TA 200, TA 300 and/or TA 400.

Bachelor of Fine Arts in Technical Theatre/Design

The Bachelor in Fine Arts in Technical Theatre/Design consists of 60 credit hours and includes the following courses: ART106, ART 108, ART 120, ART 130, ART 220; COM 351; TA 101, TA 111, TA 112, TA 207, TA 210, TA 304, TA 305, TA 306, TA 370, TA 404, TA 407, TA 408, TA 480, TA 499; 2 hours from TA 100, TA 200, TA 300, and/or TA 400.

Bachelor of Fine Arts in Musical Theatre

The Bachelor of Fine Arts in Musical Theatre consists of 60 credit hours and requires the following courses: 6 hours Ballet (DAN 220, DAN 221, DAN 320, DAN 321, DAN 322, DAN 323, DAN 420, DAN 421, DAN 422, and/or DAN 423); 6 hours Tap (DAN 211, DAN 212, DAN 311, DAN 312, DAN 411, and/

or DAN 412); 6 hours Jazz dance (DAN 304, DAN 305, DAN 306, DAN 404, DAN 405, and/or DAN 406); 8 hours Private Voice from MUS 104, MUS 204, MUS 304, and MUS 404); 1 hour choral ensemble from MUS 110, MUS 210, MUS 310, or MUS 410 and/or MUS 113 MUS 213, MUS 313, and/or MUS 413; TA 101, TA 111, TA 201, TA 216, TA 304, TA 370, TA 480, TA 499; 9 hours in TA 303 (Seminar in Musical Theatre-repeatable for credit); and 2 hours from TA 100, TA 200, TA 300 and/or TA 400.

Students pursuing the B.F.A. in Musical Theatre should be able to enter the intermediate levels of jazz and tap dance. If students are not at these levels, they may have to take additional coursework at the 100- or 200-level to gain appropriate skills for the upper level classes.

Bachelor of Arts in Arts Management--Theatre

The Bachelor of Arts in Arts Management-Theatre degree is a multi-disciplinary curriculum combining specialized theatre coursework with core business administration classes. The major consists of 51 hours and includes the following courses: COL 170, BA 200, BA 210, BA 330, BA 350, BA 360, NPA 300, TA 101, TA 111, TA 210, TA 304, TA 306, and 15 hours of theatre electives from the following TA 201, TA 204, TA 207, TA 209, TA 216, TA 301, TA 303, TA 305, TA 317, TA 335, TA 336, TA 350, TA 370, TA 401, TA 404, TA 405, TA 406, TA 407, TA 408, TA 409, TA 430, TA 465, and/or TA 480.

Minor in Theatre

The minor in theatre (27 hours) requires TA 101, TA 111, TA 201, TA 204, TA 216, TA 304, TA 370, and 6 hours of electives in Theatre from the following: TA 112, TA 201, TA 204, TA 207, TA 209, TA 216, TA 301, TA 303, TA 305, TA 317, TA 335, TA 336, TA 350, TA 370, TA 401, TA 404, TA 405, TA 406, TA 407, TA 408, TA 409, TA 430, TA 465, and/or TA 480.

Students must also take the following course TA 336 Survey of Dramatic Literature to satisfy one of the general education requirements in Literature.

HUMAN SERVICES DIVISION

CHRISTIAN MINISTRY STUDIES

Program Description

Students may earn a Bachelor of Arts in Christian Ministry Studies, with any of six areas of emphasis: Pastoral Ministry, Youth Ministry, Missions and Social Justice, Worship Arts, Nonprofit Administration, and Recreation and Leisure Studies Management. This program is designed for students who sense or desire to explore a call to Christian Ministry to serve in a church, parachurch, denominational setting or faith based organization. It is also beneficial for students who want a thorough knowledge of the Bible, theology, and practical ministry training as preparation for seminary or graduate study. This major requires the completion of 58 semester hours.

Pastoral Ministry Emphasis

A pastoral ministry emphasis prepares the student for service in the role of pastor or associate pastor in a local church setting or in parachurch or denominational positions requiring skills and expertise commonly associated with pastoral ministries. Requirements are CMS 100, CMS 101, CMS 115, CMS 120, CMS 251, CMS 301, CMS 310, CMS 330 or CMS 340, CMS 306, CMS 307, CMS 460, REL 100 or 150, REL 202, REL 210, REL 211, REL 300, REL 325. Nine credit hours must be chosen from CMS 110, CMS 221, CMS 305, CMS 315, CMS 321, CMS 330 or 340, CMS 311, CMS 312, CMS 351, CMS 380, NPA 360,

BA 200, BA 330, BA, 350, REL 100 or REL 150 (if not taken as a required course).

Youth Ministry Emphasis

An emphasis in Youth Ministry prepares the student for service in the role of Youth Pastor (or student minister) in a local church setting or in parachurch or denominational positions requiring skills and expertise commonly associated with youth ministry.

Specific requirements for the degree in Youth Ministry include REL 100 or REL 150, REL 202, REL 210, REL 211, REL 300, REL 325, CMS 120, CMS 201, CMS 251, CMS 301, CMS 302, CMS 310, CMS 350, CMS 351, CMS 461. Twelve credit hours each must be taken from the following: CMS 101, CMS 110, CMS 115, CMS 221, CMS 305, CMS 311, CMS 312, CMS 315, CMS 321, CMS 330 or CMS 340, CMS 348, CMS 380, NPA 360, REL 100 or REL 150 (if not taken as a required course), BA 200 (Pre-requisite of sophomore status), BA 330, or BA 350.

Missions and Social Justice Emphasis

An emphasis in Missions and Social Justice prepares students for service in Christian mission work through denominational or parachurch mission sending organizations. It is also beneficial for students wanting a thorough knowledge of the Bible, theology and practical ministry training in preparation for graduate school or seminary training.

Specific requirements for the degree in Mission and Social Justice include REL 100 or 150; REL 202, REL 210, REL 211, REL 300, REL 325; CMS 101, CMS 110, CMS 115, CMS 120, CMS 251, CMS 301, CMS 310, CMS 330 or CMS 340, CMS 461. Twelve credit hours must be taken from the following: CMS 115, CMS 221, CMS 305, CMS 311, CMS 312, CMS 315, CMS 321, CMS 330 or CMS 340, CMS 351, CMS 375, CMS 380, REL 100 or REL 150 (if not taken as a required course), ANT 112, NPA 360, BA 200 (Pre-requisite of sophomore status), BA 330, BA 350.

Worship Arts Emphasis

An emphasis in Worship Arts prepares students for service primarily in the local church as worship leader or where understanding of traditional and contemporary worship styles and methods is required. It is also beneficial for students preparing for graduate school or seminary who desire the added worship emphasis.

Specific requirements for the degree in Worship Arts include REL 100 or REL 150, REL 202, REL 210, REL 211, REL 300, REL 325, CMS 101, CMS 115, CMS 120, CMS 251, CMS 301, CMS 310, CMS 330 or CMS 340, CMS 380, CMS 462. Nine credit hours must be taken from the following: CMS 110, CMS 221, CMS 305, CMS 311, CMS 312, CMS 315, CMS 321, CMS 330 or CMS 340, CMS 351, CMS 380, REL 100 or REL 150 (if not taken as a required course), NPA 360, BA 200, BA 330, BA 350.

Nonprofit Administration Emphasis

An emphasis in Nonprofit Administration prepares students for service in parachurch or other nonprofit organizations that require or would benefit from a practical Christian theological education or management and leadership skills for a faith-based human services organization. It is also appropriate for students attending seminary with the ultimate goal of service in the nonprofit field. Nonprofits include mission sending organizations, campus ministries and a great variety of Christian based and faith-based human and community services. Where additional

preparation in the nonprofit field is required, students are encouraged to major in CMS in the emphasis of their choice and minor in NPA.

Specific requirements for the degree in Nonprofit Administration include REL 100 or REL 150; REL 202, REL 210, REL 211, REL 300, REL 325, CMS 100, CMS 120, CMS 251, CMS 301, CMS 330 or CMS 340, CMS 351, NPA 203, NPA 300, NPA 350, NPA 351. Twelve credit hours must be taken from the following: CMS 100, CMS 110, CMS 115, CMS 201, CMS 221, CMS 302, CMS 305, CMS 311, CMS 312, CMS 315, CMS 330, CMS 340, CMS 350, CMS 380, RLS 202, NPA 303, NPA 360, REL 100 or REL 150 (if not taken as a required course), REL 380.

Recreation and Leisure Management Emphasis

An emphasis in Recreation and Leisure Management prepares students for service in recreation related fields requiring or benefiting from a practical theological education or a faith-based orientation. Denominational and non-denominational (parachurch) recreation ministries include campus ministries, local church recreation directors, and most notably, camping and retreat ministries. There are also faith-based nonprofit organizations operating summer camps, sports leagues, and other recreational activities for youth, troubled children, and senior citizens. This concentration is appropriate for future camp managers and directors or recreation directors in local churches or faith-based organizations. It is also appropriate for students attending seminary with the ultimate goal of service in recreation related ministries.

Specific requirements for the degree in Recreation and Leisure Management include REL 100 or REL 150, REL 202, REL 210, REL 211, REL 300, REL 325, CMS 100, CMS 120, CMS 251, CMS 301, CMS 305, CMS 310, RLS 202, RLS 380, RLS 381, and RLS 382. Six credit hours must be taken from the following: NPA 203, NPA 283, NPA 300, NPA 303, NPA 350, NPA 351, NPA 360, RLS 390, RLS 470, RLS 471. Two additional classes of 3 credit hours must also be taken from the following: CMS 101, CMS 110, CMS 201, CMS 221, CMS 302, CMS 311, CMS 312, CMS 315, CMS 330, CMS 340, CMS 351, CMS 380, REL 380.

Discipleship Institute

Non-degree seeking students may work toward a certificate in one of six areas of emphasis at reduced cost. Each emphasis includes five courses (15 hours). This certificate is appropriate for church lay leadership, staff or anyone seeking to build proficiency for service in the church or parachurch. Certificate credit may be upgraded later to academic credit at additional cost. Students taking six hours or fewer do not need to be accepted by the University to take courses for certificate credit. Areas of emphasis include Theological Certification, CMS 115, CMS 120, CMS 221, CMS 301, CMS 321; Youth Ministry Certification, CMS 120, CMS 201, CMS 302, CMS 350, CMS 348 or CMS 305; Discipleship Training Certification, CMS 101, CMS 110, CMS 115, CMS 120, CMS 350; Missions and Social Justice Certification, CMS 110, CMS 120, CMS 360, CMS 351 NPA 100; Worship Ministry Certification, CMS 101, CMS 120, CMS 310, CMS 380; Bible Proficiency Certification, CMS 120, 2 CMS 330 and 2 CMS 340 courses. Contact the CMS office for more information.

Minor in Christian Ministry Studies

Students may earn a minor in CMS by successfully completing 18 hours. Specific requirements for the minor include CMS 101 and 120. Additionally, twelve credit hours must be

taken from the following: CMS 110, CMS 115, CMS 201, CMS 221, CMS 251, CMS 301, CMS 307, CMS 310, CMS 321, CMS 330, CMS 340, CMS 348, or CMS 350.

CRIMINAL JUSTICE

Program Description

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 program in Criminal Justice offers a B.A. or B.S. degree. The B.A. requires a minimum of 43 hours, with 31 hours from the core requirements and twelve from the major electives group.

Students seeking a Criminal Justice degree with an area of emphasis must complete the 31 hours in the core requirement group and 18 hours within one of the five emphasis areas.

Special note: The Law Enforcement/Academy option requires 15 hours for the Academy plus three credit hours from the Law Enforcement Emphasis. The areas of emphasis include Legal Studies, Corrections/Juvenile, Corrections/Probation and Parole, Law Enforcement, and Law Enforcement/Police Academy. The B.S. degree requires an additional 12-13 hours in Natural Science and Mathematics beyond the B.A. degree requirement.

B.A./B.S. Criminal Justice.

Core Requirements (31 hours)

The B.A./B.S. degrees in Criminal Justice requires the following core courses: CJ 100, CJ 200, CJ 210, CJ 300, CJ 301, CJ 305, CJ 310, CJ 311, CJ 315, CJ 331, and CJ 440.

Criminal Justice Major Electives (12 hrs)

Students must select 12 hours of elective from the following: BA 200, BA 330, CHM 311 (pre-req of C or better in CHM 252 or permission), CJ 225, CJ 240, CJ 321, CJ 225, CJ 340, PHL 214, PSY 208 (Pre-req of PSY 100), PSY 303 (pre-req of PSY 100), PS 360, SOC 220, SOC 315 (pre-req of SOC102 or ANT 112 or PSY 100), SOC 318 (pre-req of SOC 102 or ANT 112), SOC 322 (pre-req of SOC 102 or ANT 112 or CJ 100 or PSY 100), SW 100, and SW 240.

Legal Studies Emphasis (18 hrs)

Requires core requirements and 18 hours from the following: BA 360, BA 361 (pre-req of BA 360 or permission), CJ 225, CJ 240, CJ 321, CJ 340, CJ 450, ENG 212 (pre-req of ENG 170), PHL 215, PS 156, PS 311, PS 301, PS 360, and PSY 231 (pre-req of PSY 100).

Corrections/Juvenile Emphasis (18 hrs)

Requires cores requirements and 18 hours from the following: CJ 205, CJ 225, CJ 450, NPA 100, PSY 208 (pre-req of PSY 100), PSY 313 (pre-req of PSY 100), PSY 303 (pre-req of PSY 100), SOC 214, SOC 220, SOC 315 (pre-req of SOC 102 or ANT 112 or PSY 100), SW 110, SW 240, SW 280, and SW 300. Corrections/Probation and Parole Emphasis (18 hrs)

Requires core requirements and 18 hours from the following: CJ 205, CJ 225, CJ 240, CJ 340, CJ 450, NPA 350, PS 301, PSY 303 (pre-req of PSY 100), SOC 315, SW 110, SW 240, and SW 280.

Criminal Justice, Law Enforcement (18 hrs)

Requires core requirements and 18 hours from the following: ART 181, COL 170, CJ 225, CJ 321, CJ 240, CJ 340, CJ 450, FLS 101, FLS 102 (pre-req of FLS 101), PHL 215, PSY 303 (pre-req of PSY 100), SOC 315, SOC 322 (Pre-req of SOC 102 or ANT 112 or CJ 200 or PSY 100), SW 240, and SW 280.

Criminal Justice, Law Enforcement Emphasis with Police Academy Option (18 hrs)

Requires core-requirements, CJ 460 (15 hours, Permission required) and three credit hours from ART 181, COL 170, CJ 225, CJ 321, CJ 240, CJ 340, CJ 450, FLS 101, FLS 102 (pre-req of FLS101), PHL 215, PSY 303, SOC 315, SOC 322 (pre-req of SOC 102 or ANT 112 or CJ 200 or PSY 100), SW 240, and SW 280.

Minor In Criminal Justice (21 hrs)

Students may earn a Criminal Justice minor by completing CJ 200, CJ 210, CJ 310, CJ 315 and nine credit hours from the following: CJ 300, CJ 301, CJ 305, CJ 311, CJ 315, CJ 331, or CJ 340.

MILITARY SCIENCE (ROTC)

Program Description

Lindenwood University has an agreement with Washington University that makes the Army ROTC Basic courses available to qualified Lindenwood students. This program enables students to earn appointments as commissioned officers in the United States Army. Students interested in pursuing this opportunity should consult with the Lindenwood ROTC advisor.

Required courses include

MS 101 Introduction to ROTC

MS 102 Introduction to Leadership

MS 201 Self/Team Development

MS 202 Individual /Team Military Tactics

MS 301 Leading Small Organizations I

MS 302 Leading Small Organizations II

MS 401 Leadership Challenges and Goal-setting

MS 402 Transition to Lieutenant

SMP/ROTC: Simultaneous Membership Program/Reserve Officer Training Corps

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.

NONPROFIT ADMINISTRATION

Program Description

The Nonprofit Administration (NPA) degree 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 concentrations in a number of different practice settings.

Students seeking the major in Nonprofit Administration will complete 35 credits of directed studies in nonprofit leadership and management (included in the core curriculum listed below) and will select an area of emphasis to complete the major core. Students seeking the major in Nonprofit Administration must complete one of the following Areas of Emphasis. 1) Nonprofit Administration Business Management Emphasis 2) Christian Ministry Studies Emphasis 3) Communications Emphasis 4) Education Emphasis 5) Fine Arts Emphasis 6) Social Services Emphasis 7) YMCA Professional Studies Program Emphasis , and 8) Recreation and Leisure Services Management Emphasis

It is recommended that students take SW100 Intercultural Communication (GE) as GE credit. Those seeking certification

with American Humanics must also complete NPA 489, American Humanics Management Institute.

Early Access to the M.A. 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 M.A. degree in Nonprofit Administration but not toward the bachelor's degree. A student must be enrolled in at least 12 semester hours of undergraduate classes each semester that he or she is taking M.A. credits under this option.

American Humanics, Inc.

Through its 85 affiliated campus programs and 22 affiliated national nonprofit agencies, and 14 collaborating professional agencies, American Humanics 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 American Humanics, Inc. 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 American Humanics Management Institute (NPA 489). It is highly recommended for each student in the NPA Program to seek this certification.

Interested students should contact the Director of the American Humanics Program or the NPA Program Manager to make application.

YMCA Professional Studies Certificate Program

Lindenwood University and the YMCA of the USA have formed a partnership to offer the YMCA Professional Studies Program, an academic program designed to qualify undergraduate students for leadership certification through the YMCA of the USA. The program is designed to help individuals wishing to pursue a career in nonprofit management as well as current YMCA professionals desiring to advance in their career. (See YMCA Professional Studies Program Emphasis for both NPA majors and Non-NPA students).

Nonprofit Administration Core Requirements (26)

NPA 100, NPA 201 (can be taken for a maximum of four times only one credit hour toward core requirements), NPA 300, NPA 303, NPA 350, NPA 351, NPA 360, NPA 450, NPA 499.

Elective Courses for NPA nine additional credit hours from the following (9): NPA 193-194 (1-3 hours), NPA 280, NPA 371, NPA 451, NPA 489 (can be taken maximum of four times), NPA 493-494, NPA 495 (can be taken a maximum of four times),

Students seeking a major in Nonprofit Administration must complete one of the following areas of emphasis:

Business Management Emphasis (21 hrs)

COL 170, BA 200, NPA 280, BA 210, BA 330, BA 331 (Pre-requisite BA 330), BA 350.

Christian Ministry Studies Emphasis (18 hrs)

CMS 101, CMS 120 and twelve credit hours from the following: CMS 110, CMS 201, CMS 251, CMS 305, CMS 307, CMS 348, CMS 350.

Communications Emphasis (18 hrs)

COM 130, COM 151, COM 154, COM 301, COM 305, COM 327.

Education Emphasis (18 hrs)

EDU 303; EDU 307 or EDU 387; EDU 321 (pre-req EDU 303) or EDU 322; EDU 341, EDU 359, PSY 208 (pre-req PSY 100).

Fine Arts Emphasis (18 hrs)

ART 210, DAN 101, EDU 311, TA 111, TA 117, and either ART 120 or COM 305.

Recreation and Leisure Service Management Emphasis (18 hrs)

RLS 202 and fifteen hours from the following: RLS 283, NPA 303, RLS 380, RLS 381, RLS 382, RLS 390, RLS 470, RLS 471.

Social Services Emphasis (18 hrs)

SOC 220 and fifteen credits from the following: CJ 200, CJ 315, NPA 280, NPA 493, NPA 494, PE 300, SW 100, SW 240, SW 300.

YMCA Professional Studies Program Emphasis-NPA Major (21 hrs)

COM 105, NPA 280, NPA 371, BA 330, BA 331 BA 350, SW 280.

YMCA Professional Studies Program Emphasis Non-NPA Major (18 hrs)

COM 105, NPA 280, NPA 300, NPA 351 and six credit hours from the following: BA 331(Pre-requisite BA 330), RLS 283, NPA 303, NPA 350, RLS 381, NPA 493, NPA 499.

Minor in Nonprofit Administration (24 hrs)

NPA 100, NPA 303, NPA 350, NPA 360 plus 12 credit hours selected from BA 350, CJ 200, NPA 201, RLS 202, NPA 280, NPA 300, NPA 351, NPA 450, NPA 489, NPA 499, SW 100, and SW 280.

SOCIAL WORK

Program Description

Lindenwood University offers a Bachelor of Arts degree in Social Work, a program to prepare 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, macro levels). The Social Work Program does not grant academic credit for life experience or previous work experience.

Formal admission to the Social Work Program is required to enroll in courses in the practice sequence: SW 310, SW 311, SW 412, and the Field Practicum: SW 450. Students are formally admitted to the major in Social Work after having completed 45 credit hours and completion of an application procedure available at the Social Work Program Manager's office. Students intending to become fully admitted into the Social Work Major should contact the Social Work Program Manager to obtain complete information regarding admission to the program.

Bachelor of Arts in Social Work

The Bachelor's degree in social work requires 43 credit hours in Social Work. The core SW courses are SW 100, SW 110, SW 120, SW 240, SW 280, SW 310, SW 311, SW 320, SW 325,

SW 381, SW 412, SW 421, and SW 450. Also required are PSY 100, SOC 102, PS 155 or PS 156, BIO 107, MTH 141, and BA 210.

Minor in Social Welfare

A minor in Social Work requires 21 hours of coursework including SW 110, SW 240, SW 320, PS 155/156, BA 210 and six additional hours in other Social Work courses.

HUMANITIES DIVISION

ENGLISH

Program Descriptions

Bachelor of Arts in English

The English Department offers the BA degree with two emphases: Literature and Creative Writing. English majors may complete the coursework for either or both of these emphases.

Literature Emphasis

A major in English with an emphasis in Literature requires a minimum of 42 credit hours of coursework through the English Department. Required courses include ENG 302, ENG 304, ENG 305, ENG 306, ENG 333, ENG 337, ENG 347, and ENG 354. Majors also must complete at least one course from each of the following four groups: Group A (ENG 332, ENG 338); Group B (ENG 339, ENG 341); Group C (ENG 309, ENG 342, ENG 343); Group D (ENG 310, ENG 335, ENG 351); and 6 hours of English electives.

Creative Writing Emphasis

A major in English with an emphasis in Creating Writing requires a minimum of 37 credit hours of coursework. Required courses include ENG 211, ENG 212, ENG 311, ENG 358, ENG 470; three courses selected from ENG 291, ENG 292, ENG 302, ENG 323, ENG 340, ENG 354, ENG 391, COM 305, COM 307, COM 450; one course from ENG 310, ENG 335, ENG 351; and 12 hours of literature electives.

General Education Requirements

All English majors are required to take ENG 201 and ENG 202 to fulfill their general-education literature requirement.

Foreign Language Requirement

All English 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 Foreign Language Department to determine which courses, if any, they must take to fulfill the requirement.

Minor in English Literature

A minor in English Literature requires 21 credit hours of coursework. Required courses are ENG 337, ENG 305 or 306, ENG 333, and 12 hours of English electives chosen in consultation with an advisor from the English faculty from the following list: ENG 201, ENG 202, ENG 216, ENG 235, ENG 236, ENG 276, ENG 278, ENG 280, ENG 305, ENG 306, ENG 309, ENG 310, ENG 332, ENG 333, ENG 335, ENG 337, ENG 338, ENG 339, ENG 341, ENG 342, ENG 343, ENG 345, ENG 347, ENG 350, ENG 354, ENG 356, ENG 380, ENG 302, ENG 304, ENG 372.

NOTE: At least 6 of these 12 elective hours must be literature courses.

Minor in Creative Writing

A minor in Creative Writing requires 21 credit hours of coursework. Required courses include ENG 211, ENG 212, ENG 311, and 12 hours of 300-level English electives chosen from the following list of courses: ENG 305, ENG 306, ENG 309, ENG 310, ENG 332, ENG 333, ENG 335, ENG 337, ENG 338, ENG 339, ENG 341, ENG 342, ENG 343, ENG 345, ENG 347, ENG 350, ENG 354, ENG 356, ENG 380, ENG 302, ENG 304, ENG 372.

Writing Certificate

A student in any major may obtain a Writing Certificate by completing 12 hours of writing courses beyond basic composition. Required courses for the certificate are ENG 212 and ENG 302. Students must then choose an additional 6 hours from among the following courses: ENG 211, ENG 311, ENG 340, COM 303, COM 304, COM 307, COM 391, COM 442, NPA 371.

Writing Center

The Lindenwood University Writing Center, located in Butler Hall, offers tutorial assistance to students working on written assignments for their classes. Appointments are suggested, but they are not required. Tutors are prepared to help students in all disciplines to create and revise assigned work. Issues covered include organization, sentence clarity, development, grammar, and usage.

English As A Second Language

Course Scheduling And Placement

All international students, regardless of their TOEFL scores, must undergo additional evaluation on campus to assure appropriate placement. Information can be obtained by contacting the International Office.

FOREIGN LANGUAGES

Program Descriptions

Lindenwood University's Humanities Division offers a Bachelor of Arts degree in both French and Spanish. It also offers courses in the German, Russian, and Chinese languages. Students will be required to complete some portion of their degree off campus. French majors must complete 16 hours of elective courses at the campus in Caen, France. Spanish majors will be required to complete 15 credit hours in Costa Rica. Minors in French and Spanish are also offered.

Bachelor of Arts in French

A major in French requires a minimum of 34 credit hours of coursework beyond the Intermediate French II level (FLF 202) or equivalent proficiency. Degree requirements to be taken at the St. Charles campus are FLF 311, FLF 337, FLF 350, FLF 351, plus two courses from the following list: FLF 400, FLF 410, FLF 411, FLF 412, FLF 413 or FLF 414. Majors must also complete 16 hours of elective coursework at the Caen, France campus. To fulfill this requirement, students may select courses from the following list: FLF 103, FLF 104, FLF 107, FLF 120, FLF 203, FLF 204, FLF 207, FLF 220, FLF 303, FLF 304, FLF 306, FLF 307, FLF 308, FLF 309.

Minor in French

A minor in French requires 15 hours beyond the FLF 202 (Intermediate French II) level. Coursework includes the following: FLF 311, FLF 337, FLF 350, FLF 351, and one literature seminar selected from FLF 380, FLF 400, FLF 410, FLF 411, FLF 412, FLF 413, FLF 414.

All students must complete French courses with a C or better to have them count toward the major or minor.

Bachelor of Arts in Spanish

A major in Spanish requires 39 credit hours of coursework beyond the Intermediate Spanish II (FLS 202) level or equivalent proficiency. Of these 39 credit hours, 15 will be taken in Costa Rica. Degree requirements are as follows: Coursework to be taken at the St. Charles campus: FLS 311, FLS 312, FLS 335, FLS 336, FLS 350, FLS 351, and two of the following: FLS 400, FLS 413, FLS 415, FLS 416, FLS 418 or FLS 421. Coursework to be taken at the Costa Rica campus: FLS 313, FLS 314, FLS 337, and six credit hours of literature courses selected from among FLS 360, FLS 361, FLS 362, and FLS 363. All of the 300- and 400-level culture and literature courses are conducted in Spanish.

Minor in Spanish, LU Campus:

An LU Campus minor in Spanish requires 21 credit hours beyond the intermediate-level coursework, including at least 6 credit hours in conversation and grammar, 6 credit hours in the culture and civilization of the countries in which the language is spoken, the two 300-level Masterpieces courses (FLS 350 and FLS 351), and one Literature Seminar numbered FLS 400 or above.

Minor in Spanish, Costa Rica Campus:

A minor in Spanish requires 30 credit hours beyond the intermediate level coursework, including at least 9 credit hours in conversation, grammar and composition, 9 credit hours in the culture and civilization of the countries in which the language is spoken, and the two 300-level Masterpieces courses (FLS 350 and FLS 351), and two FLS 360 or FLS 400 literature courses.

Both Major and Minor students must complete all Spanish courses with a grade of C or above and maintain a B average or better in Spanish.

GENERAL STUDIES

Program Description

To prepare for rapid changes in American and world cultures, the General Studies program 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. In addition to the general education courses required of all students, a major in General Studies requires 39 hours of electives. Any course listed in the LU General Education Handbook will satisfy this requirement.

In addition, students must complete an additional 39 hours of course work as follows (these are separate from the general education requirements; thus students are required to complete two literature courses for general education AND two more literature courses for the general studies degree.)

Courses required beyond the general education classes must come from the categories listed here: Three hours of Computers/Computer Applications: COL 170; six hours of literature (in addition to the six hours taken for general education: ENG 201, ENG 202 World Literature II, ENG 216 Comedy: Its Origin and Development, ENG 235 American Literature I, ENG 236, II ENG 276, ENG 278, ENG 305, ENG 306, ENG 309, ENG 310, ENG 332, ENG 333, ENG/TA 335, ENG 338, ENG 341, ENG 342, ENG 345, ENG 350, ENG 351, ENG 356, ENG 380, TA 336; 3 hours from the following history/political science [if American history was taken for general education, political science must be taken here and vice versa]: HIS 105, HIS 106, HIS 204,

HIS 210, PS 155, PS 156; six hours from the following [if cross cultural classes were taken for general education credit, language course must be taken for this requirement, and vice versa]: ANT 112, ANT 210, ANT 300, ANT 317, ANT 324, ANT 334, ART 220, ART 354, ART 356, ART 357, ART 361, ART 362, ART 363, ART 383, BA 315, BA 476, CJ 225, COM 370, DAN 110, DAN 371, ENG 201, ENG 202, ENG 216, ENG 278, ENG 335/TA 335, ENG 345, ENG 350, FLF 337, FLF 350, FLF 351, FLF 370, FLS 335, FLS 336, FLS 350, FLS 351, FLS 370, GEO 201, HIS 200, HIS 205, HIS 220, HIS 330, HIS 332, HIS 336, HIS 355, MUS 355, MUS 356, MUS 357, PHL 318, PS 300, PS 350, REL 200, REL 220, REL 230, SOC 318, TA 336, TA 370; three hours from the following social science list: ANT 112, ANT 122, BA 210, BA 211, CJ 200, PSY 100, PSY 101, SOC 102, SOC 214, SOC 220, SOC 240, SW 240, SW 280; six hours from the Fine & Performing Arts: ART 100, ART 136, ART 181, ART 210, ART 220, ART 240, TA 105, TA 111, TA 117, TA 317, TA 335, TA 336, TA 370, DAN 101, DAN 110, DAN 204, DAN 371, MUS 140, MUS 150, MUS 165, MUS 330, MUS 335, MUS 355, MUS 356; six hours in religion and philosophy [general studies students must have courses from BOTH religion and philosophy to graduate]: PHL 102, PHL 150, PHL 190, PHL 214, PHL 215, PHL 240, PHL 265, PHL/PS 305, PHL 311, PHL 312, PHL 313, PHL/REL 325, PHL 280/380, REL 100, REL 200, REL 202, REL 210, REL 211, REL 263/363, REL 300, REL 305/PSY 305, REL 320, REL 325/PHL 325; three hours of written or oral communications: COM 303, ENG 211, ENG 212, ENG 302, COM 105, COM 110, SW 100; and three hours of Economics from BA 210 or BA 211.

GEOGRAPHY

Currently Lindenwood University does not offer a degree in Geography. Courses in this area are in support of other degree programs.

HISTORY

Program Description

Bachelor of Arts, History

The Bachelor of Arts in History requires a minimum of 47 hours of departmental coursework in the following areas: HIS 105, HIS 106, HIS 200, HIS 203, HIS 210 or PS 155, HIS 223, HIS 205 or HIS 220, HIS 301, HIS 302, HIS 400, BA 210; six credit hours of European History courses selected from HIS 329, HIS 330, HIS 332, HIS 336, HIS 338, and HIS 355; 9 credit hours of United States History courses selected from the following: HIS 204, HIS 207, HIS 214, HIS 255, HIS 256, HIS 308, HIS 309, HIS 310, HIS 312, HIS 314, HIS 315, HIS 316, HIS 320, HIS 322 six of which must be at or above the 300 level.

History majors seeking certification in secondary education must also pass the Praxis exam before they will be permitted to student teach. Refer to the Education section for more information concerning Secondary Certification requirements.

Minor In History

A minor in history requires a minimum of 18 hours of coursework, including HIS 100, HIS 200, at least six hours in American History coursework selected from HIS 105, HIS 106, HIS 204, HIS 207, HIS 214, HIS 255, HIS 256, HIS 308, HIS 309, HIS 310, HIS 312, HIS 314, HIS 315, HIS 320, HIS 322 and at least six hours in European and/or Asian or Latin American History coursework selected from: HIS 205, HIS 206, HIS 209, HIS 220, HIS 223, HIS 301, HIS 302, HIS 329, HIS 330, HIS 332, HIS 336, HIS 338, HIS 355.

Minor In Social Studies

A minor in Social Studies requires a minimum of 18 hours of coursework, including ANT 112, GEO 201, PS 156, PSY 100, SOC 102, and one course chosen from the following: ANT 210, 300, 317, 334; BA 315, 415; SOC 318, 320. This minor is recommended for students majoring in history who are seeking to be certified to teach social studies at the secondary level. See a history faculty member about this minor.

PHILOSOPHY

Program Description

Lindenwood University offers a Bachelor of Arts degree in Philosophy. The Philosophy degree requires 36 hours in Philosophy including 21 hours of core coursework and 15 hours of elective courses. The core course include PHL 216, PHL 311, PHL 312, PHL 313, PHL 493, and PHL 214 or PHL 360, and PHL 265/365 or PHL 345/355. The 18 hours of elective coursework can be selected from PHL 102, PHL 150, PHL 190, PHL 215, PHL 240, PHL 280, PHL 305, PHL 318, PHL 325, PHL 340, PHL 380, and PHL 480.

Minor in Philosophy

A minor in Philosophy requires a total of 18 credit hours of coursework. The minor requires at least nine of the 18 previously listed PHL core course credit hours plus nine credit hours of elective courses selected from the following: PHL 102, PHL 150, PHL 190, PHL 215, PHL 240, PHL 265, PHL 280, PHL 305, PHL 318, PHL 325, PHL 340, PHL 365, PHL 380, PHL 480.

Minor in Christian Philosophy

Lindenwood University also offers a minor in Christian Philosophy in conjunction with the Philosophy program. The Christian Philosophy minor requires 18 hours to include 3 REL courses and 3 PHL courses. The religion courses for the minor are REL 300, REL 320, REL 325, and philosophy courses may be chosen from: PHL 311, PHL 312, PHL 313, PHL 345, PHL 355, PHL 365. Some Special Topics courses may be used with permission.

INTERNATIONAL STUDIES

Program Description

The International Studies program prepares students for a diversity of careers in today's global community. A student may elect to follow one of two tracks in International Studies: The two tracks are International Relations and Cross-Cultural. The Cross-Cultural track is further divided into two emphasis area. One is Asian studies and the other is European studies. All International Studies majors, regardless of track, must complete a core group of courses that allow them to be exposed to a wide range of topics. The core group of courses consists of 12 hours in a single Foreign Language (students may test out of this requirement), ANT 112, BA 211, 212, GEO 201, PS 350, REL 200, and INT 400 (senior tutorial). (NOTE: There is an International Business major; see the description under Business Administration).

INTERNATIONAL STUDIES, International Relations

The major in International Studies, International Relations requires completion of the 33 credit hours of core coursework listed above plus completion of the following courses ANT 300, BA 470, HIS 355, and PS 300 for a total of 45 hours.

INTERNATIONAL STUDIES, Cross-Cultural Asian Studies

The major in International Studies, Cross-Cultural Asian Studies consists of the 33 credit hours of core coursework listed above plus completion of HIS 205 for a total of 36 hours.

INTERNATIONAL STUDIES, Cross-Cultural European Studies

The major in International Studies, Cross-Cultural European Studies consist of the 33 credit hours of core coursework listed above plus twelve credit hours of coursework selected from the following list: ART 354, ART 361, ART 362, FLF 335, FLS 337, HIS 214, HIS 301, HIS 302, HIS 330, HIS 336, and HIS 355.

POLITICAL SCIENCE

Program Description

Lindenwood University offers Bachelor of Arts degrees in both Political Science and Public Management. Both degrees require the completion of 33 credit hours of coursework. Minors in each area requires completion of 18 credit hours of coursework.

Bachelor of Arts in Political Science

The Bachelor of Arts in Political Science requires 33 credit hours in Political Science coursework. The major requires completion of the following courses: PS 155, PS 156, PS 300, PS 305, BA 475, PS 315 plus 15 credit hours of elective courses chosen from any of the available Political Science courses.

Minor in Political Science

The minor in Political Science consists of 18 semester credit hours in Political Science. Four courses are required: PS 155, 156, 300, and 305. In addition, the minor requires six credit hours of coursework chosen from any of the available Political Science courses.

Pre-Law

Students interested in attending law school usually major in either political science or public management (or both). Law schools would like students to have a familiarity with government, as well as possess the capability to think analytically, read critically, and write clearly. Courses offered through the political science and public management majors help students develop the background and skills necessary to succeed in law school.

Bachelor of Arts in Public Management

The Bachelor of Arts in Public Management requires 33 semester credit hours of coursework. The major requires completion of the following courses: PS 155, PS 156, PS 313, PS 335, BA 200, BA 475, MTH 141, PS 315 plus 9 credit hours of coursework selected from BA 311, BA 312, BA 314, BA 315, BA 318, BA 320, BA 324, BA 330, BA 332, BA 336, BA 338, BA 360, BA 383, BA 405, BA 413, PS 301, SP 307, PS 311, PS 325, PS 327, PS 345, COM 345, PS 360, PS 365, PS 367, PS 395, PS 450, HIS 314, BA 314, HIS 316.

Minor in Public Management

The minor in Public Management requires a minimum of 18 credit hours of coursework. Four courses are required: PS 155, PS 156, BA 313 and BA 335. In addition, the minor requires six credit hours of coursework chosen from any of the available Public Management courses.

Early Access to M.B.A. Program

With approval of the dean of management and the provost, Political Science and Public Management students may take up to nine semester hours at the graduate level during their senior year. These hours will count toward the M.B.A. degree, but not toward the bachelor's degree. A student must be enrolled in at least 12 semester hours of undergraduate classes each semester that he or she is taking master's degree credits under this option.

RELIGION

Program Description

Lindenwood offers a Bachelor of Arts degree in Religion as well as a minor in Religion. The religion program is designed to introduce the student to the academic study of religion and 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.

Bachelor of Arts in Religion

The Bachelor of Arts degree requires 36 hours of coursework which includes a core of 18 credit hours and 18 credit hours of electives. The core is made up of the following courses: REL 100, REL 130, REL 150, REL 230, REL 325, and REL 400. Majors must also complete 18 more hours of designated religion courses selected from REL 120, REL 202, REL 210, REL 211, REL 220, REL 300, REL 305, REL 318, REL 320, REL 329, REL 280, and REL 380.

Minor in Religion

A Religion Minor requires 18 credits hours to include REL 100, REL 120, REL 130, REL 150, REL 230, and REL 325.

Minor in Christian Philosophy

The Religion program also offers a minor in Christian Philosophy in conjunction with the Philosophy program. The Christian Philosophy minor requires 18 hours to include 3 REL courses and 3 PHL courses. The religion courses for the minor are REL 300, REL 320, REL 325, and philosophy courses may be chosen from PHL 311, PHL 312, PHL 313, PHL 345, PHL 355, PHL 365. Some Special Topics courses may be used with permission.

MANAGEMENT DIVISION

BUSINESS ADMINISTRATION

Program Description

Bachelor of Arts degrees are conferred in Accounting, Arts Management, Business Administration, Entrepreneurial Studies, Finance, Human Resource Management, International Business, Management Information Systems, Marketing, and Retail Merchandising.

All students pursuing the degrees listed above (with the exception of Arts Management and Human Resource Management) are required to complete a core requirement of 36 hours made up of the following courses: BA 200, BA 201, BA 211, BA 212, BA 240, BA 320, BA 330, BA 350, BA 360, BA 370, BA 430, and COM 303. BA 430 is a capstone course normally taken during the student's last semester at Lindenwood University.

All Business Administration degree candidates are required to take both MTH 131 and 141 in fulfillment of their General Education requirement. In addition, all students are required to complete COL 170, Microcomputer Applications, or show proficiency in microcomputer applications. This requirement may be waived by the student's advisor.

Early Access to the MBA Program

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

Bachelor of Arts in Accounting

The Bachelor of Arts degree in Accounting requires the completion of the 36 credit hours of business core coursework listed in the Program Description section plus an additional total of 27 semester hours of coursework for a total of 63 hours.

The required accounting courses in the major include BA 300, BA 301, BA 305, BA 400, BA 401, BA 402, and BA 404. In addition, two courses from the following must be taken as accounting electives BA 302, BA 361, BA 403, BA 405, BA 406, BA 409, BA 427, and BA 450.

Accounting students aspiring to become CPAs will be required to obtain 150 hours of college credit to meet the Uniform CPA Exam qualifications. Students wishing to meet these requirements should consult with a faculty advisor to discuss the options that are available.

Bachelor of Arts in Arts Management

The Bachelor of Arts degree in Arts Management requires students to complete 54 hours of coursework. Required courses are COL 170, BA 200, BA 210, BA 330, BA 333, BA 350, BA 360, NPA 300, ART 210, ART 220, ART 364, DAN 110, DAN 371, MUS 100, MUS 330, TA 117, TA 336, TA 370.

In addition, to ensure that the student meets the 42-hour graduation requirement for upper-level courses, a minimum of 12 credit hours in general education or free elective classes should be at the 300-400 level.

Bachelor of Arts in Business Administration

The Bachelor of Arts degree in Business Administration requires the completion of the 36 credit hours of business core coursework listed in the Program Description section plus an additional 21 credit hours of business administration coursework for a total of 57 hours.

At least 12 of the 21 credit hours of business administration coursework beyond the business core must be BA courses at the 300 level or above.

Bachelor of Arts in Entrepreneurial Studies

The Bachelor of Arts degree in Entrepreneurial Studies requires the completion of the 36 credit hours of business core coursework listed in the Program Description section plus an additional total of 21 semester hours of coursework for a total of 57 hours.

A total of 21 semester hours of entrepreneurial studies courses and approved business courses must be completed beyond the business core course requirements listed in the Program Description section above. The required entrepreneurial studies courses to be taken are BA 329, BA 333, BA 433, plus 12 credit hours of coursework selected from the following: BA 302, BA 332, BA 351, BA 355, BA 356, BA 361, BA 372, BA 450, BA 458, and BA 470.

Bachelor of Arts in Finance

The Bachelor of Arts degree in Finance requires the completion of the 36 credit hours of business core coursework listed in the Program Description section plus an additional total of 21 semester hours of coursework for a total of 57 hours. The required finance courses are BA 312, BA 323, and BA 325, plus 12 hours of business electives numbered 300 and above.

For those students interested in Corporate Finance the recommended elective courses include BA 300, BA 301, BA 401, BA 423, and BA 427. For those students interested in Financial Services the recommended elective courses are BA 326, BA 328, BA 401, and BA 425. Other appropriate electives include BA 313, BA 324, BA 329, BA 422, and BA 428.

Bachelor of Arts in Human Resource Management

The Bachelor of Arts Degree in Human Resource Management requires a total of 57 credit hours of coursework. The required courses for this degree are BA 200, BA 201, BA 211, BA 212, BA 330, BA 331, BA 332, BA 336, BA 337, BA 338, BA 339, BA 350, BA 360, BA 438, COM 303, plus twelve credit hours of elective coursework selected from any business BA course.

Bachelor of Arts in International Business

The Bachelor of Arts degree in International Business requires the completion of the 36 credit hours of business core coursework listed in the Program Description section plus an additional total of 24 semester hours of coursework for a total of 60 hours.

The required International Business courses to be taken include PS 300, PS 350, BA 458, BA 470, BA 472, BA 476 plus six credit hours of coursework selected from the following: BA 315, BA 324, BA 413, and BA 471.

Bachelor of Arts in Management Information Systems

The Bachelor of Arts degree in Management Information Systems requires the completion of the 36 credit hours of business core coursework listed in the Program Description section plus an additional total of 22 semester hours of coursework for a total of 58 hours.

The required Management Information Systems courses to be taken include BA 342, BA 347, BA 441, and BA 442 plus nine credit hours of coursework from the following: BA 305, BA 340, BA 341, BA 343, BA 410, and BA 449 or COM 334.

Bachelor of Arts in Marketing

The Bachelor of Arts degree in Marketing requires the completion of the 36 credit hours of business core coursework listed in the Program Description section plus an additional total of 24 semester hours of coursework for a total of 60 hours.

Students majoring in Marketing must complete the following required courses: BA 351, BA 355, BA 356, BA 358, BA 453, plus 9 credit hours of coursework selected from the following: BA 171, BA 260, BA 353, BA 357, BA 359, BA 372, BA 451, BA 452, BA 458, BA 461, and BSM 353.

Bachelor of Arts in Retail Merchandising

The Bachelor of Arts degree in Retail Merchandising requires the completion of the 36 credit hours of business core coursework listed in the Program Description section plus an additional total of 21 semester hours of coursework for a total of 57 hours.

Students majoring in Retail Merchandising must complete the following required courses: BA 171, BA 260, BA 353, BA 355, BA 358, BA 372, and BA 461.

Emphasis are available in the following:

An emphasis consists of 12 additional credit hours in a particular area of study beyond the business core requirements. Emphasis areas and the potential courses are Accounting (BA 300, 301, 305, 400, 401, 402, 404, 405, or 427); Economics; Entrepreneurial Studies (BA 329, 333, 433 and one course from the following: BA 302, 332, 351, 355, 356, 357, 361, 372, 450, 458, or 470); Finance (BA 300, 301, 312, 313, 323, 324, 325, 326, 328, 401, 404, 422, 423, 425, 427, or 428); Human Resource Management (BA 332, 336, 337, 338, 339, and 438); Management (BA 331, 332, 333, 335, 336, 361, 390, or 432); International Business (BA 314, 324, 413, 458, 470, 471, 472, 476, or PS 350); Management Information Systems (BA 342,

347, 441, and 442); Marketing (BA 351, 355, 356, 357, 358, 359, 451, 452, 458, 459, or BSM 353); Retail Merchandising (BA 171, 260, 353, 372, and 461); and Sport Management (BSM 260, BSM 353, BA 359, and BA 460).

Minor Requirements

Students pursuing majors in fields other than business may declare a minor in Business Administration, Economics, or Retail Merchandising. The requirements for each are set forth below:

Minor in Business Administration

The Minor in Business Administration requires completion of twenty-four credit hours of coursework. The following courses are required to complete the minor: BA 200, BA 201, BA 210, BA 240, BA 320, BA 330, BA 350, and BA 360 (24 total).

Minor in Economics

The Minor in Economics consists of the following courses: BA 200, BA 211, BA 212, BA 312, MTH 141, and any other three courses chosen from the following: BA 311, BA 313, BA 314, BA 315, BA 318, BA 323, BA 324, BA 383, BA 413, BA 415, BA 419, PS 370, and SS 310 (24 total).

Minor in Retail Merchandising

The Minor in Retail Merchandising consists of the following courses: BA 171, BA 260, BA 350, BA 353, BA 355, BA 451, and any two of the following courses: BA 351, BA 356, BA 357, BA 358, BA 359, BA 372, BA 451, BA 452, or BA 458 (24 total).

SPORT MANAGEMENT

Program Description

Bachelor of Arts in Sports Management

Lindenwood University offers a Bachelor of Arts degree in Sport Management. The degree requires a total of 63 credit hours of coursework. Students pursuing this degree must complete 30 hours of Business related coursework, 12 hours of Sport Management coursework, 3 hours in Communication coursework, 3 hours in Physical Education coursework as well as 15 elective hours in approved Business, Communication, and Physical Education related courses.

The Bachelor of Arts in Sports Management requires completion of the following courses: BA 200, BA 211, BA 212, BA 240, BA 320, BA 330, BA 350, BA 359, BA 360, BA 460 (or BSM 460), BSM 260, BSM 353, BSM 410, BSM 450, COM 303, and PE 320.

The 15 credit hours of elective can be selected from the following courses: Accounting and Finance: BA 201, 312, 313, 328, or 370; Organizational Development & Law: BA 331, 336, 337, 338, 361, or 432; Marketing: BA 354, 355, 356, 358, 451, or 452; Communications: COM 305, 333, 404, 433 or ART 120; Physical Education: PE 160, 200, 220, 305, 310, 315, or 331. No more than 6 credit hours can be taken in any one of the above categories

SCIENCES DIVISION

ANTHROPOLOGY

Program Description

Courses in Anthropology are offered in the Division of Sciences. Students may choose an emphasis in Anthropology as a part of a Bachelor of Arts degree in Sociology.

Minor in Anthropology

The minor in Anthropology requires a total of 18 credit hours selected from the following list of courses: ANT 112, ANT 122,

ANT 210, ANT 215, ANT 317, ANT 324, ANT 334, SOC 318.

BIOLOGY

Program Description

Lindenwood University offers a Bachelor of Arts in Biology, a Bachelor of Science in Biology, and a Bachelor of Arts in Environmental Biology. A minor in Biology is also available.

Bachelor of Arts in Biology

The Bachelor of Arts in Biology requires a total of 63 credit hours of coursework. This includes 44 credit hours of coursework in Biology. Biology requirements are as follows: BIO 251, BIO 252, BIO 304, BIO 308, BIO 320, BIO 324, either BIO 362 or BIO 365 or BIO 370, BIO 464, BIO 490, BIO 491, plus 10 credit hours of Biology electives selected from Biology courses number 200 and above. Additional requirements are 19 credit hours of non-Biology courses. These courses are required: CHM 251, CHM 261, CHM 252, CHM 262, MTH 151, MTH 152 and MTH 241.

Bachelor of Arts in Biology-Secondary Education Option

In conjunction with the Education Division, a Unified Science degree with Biology Endorsement is offered for students wishing to pursue a career in secondary education. This degree requires 109 credit hours of coursework. The required science courses include CHM 251, CHM 261, CHM 252, CHM 262, BIO 251, BIO 252, BIO 227, BIO 228, BIO 304, BIO 308, BIO 320, either BIO 362 or BIO 365 or BIO 370, BIO 464, BIO 490, BIO 491, PHY 251, PHY 252, ESC 100, ESC 110, ESC 111, and either PHL 265 or SCI 212. The required mathematics courses are MTH 152 and MTH 241. The required education courses are EDU 110, EDU 303, EDU 304, EDU 307, EDU 320, EDU 321, EDU 330, EDU 341, EDU 380, EDU 410.

Bachelor of Arts in Biology with Unified Science Endorsement

In conjunction with the Education Division, a Biology degree with a Unified Science Endorsement is offered for those students who desire more flexibility in their secondary science education career. A total of 110 credit hours of coursework is required for the degree, including 38 credit hours in Biology, 35 credit hours in other areas of Math and Science, and 37 credit hours in Education courses.

The Biology course requirements for the B.A. in Biology with a Unified Science endorsement include BIO 227, BIO 228, BIO 251, BIO 252, BIO 304, BIO 308, BIO 320, BIO 362 or BIO 365 or BIO 370, BIO 464, BIO 490 & BIO 491. Other required Math and Science courses are CHM 251, CHM 252, CHM 261, CHM 262, ESC 100, ESC 110, ESC 111, MTH 152, MTH 241, PHY 251, PHY 252, PHL 265 or SCI 212. Required Education Courses include EDU 110, EDU 303, EDU 304, EDU 307, EDU 320, EDU 321, EDU 330, EDU 341, EDU 380, EDU 410.

Bachelor of Arts in Environmental Biology

The Bachelor of Arts in Environmental Biology requires a total of 62 credit hours of coursework. This includes 36-37 credit hours of coursework in Biology and 26 credit hours of coursework in Chemistry, Earth Science, and Mathematics. Biology courses required are BIO 251, BIO 252, BIO 263, BIO 308, BIO 320, BIO 324, BIO 362 or BIO 370, BIO 365, BIO 464, BIO 490, BIO 491, and one Biology elective numbered 300 and above. Other required courses include CHM 251, CHM 261, CHM 252, CHM 262, ESC 100, ESC 200, ESC 310, MTH 151 (or proficiency) and MTH 241.

Bachelor of Science in Biology

The Bachelor of Science in Biology requires a total of 75 credit hours of coursework. The 44 credit hours coursework in Biology includes BIO 251, BIO 252, BIO 304, BIO 308, BIO 320, BIO 324, either BIO 362 or BIO 365 or BIO 370, BIO 464, BIO 490, BIO 491, plus 10 credit hours of Biology electives selected from Biology courses number 200 and above. In addition, 31 credit hours of non-Biology required coursework are CHM 251, CHM 261, CHM 252, CHM 262, CHM 361, CHM 362, MTH 241, and either MTH 271 and MTH 272 or MTH 170 and PHY 251 and PHY 252.

Minor in Biology

The minor in Biology requires between 32 and 34 credit hours of coursework. Specific Biology course requirements are BIO 251, BIO 252, BIO 304, BIO 308, BIO 365 or BIO 464, plus one Biology elective numbered 300 or above. Additional requirements are CHM 251, CHM 261, CHM 252, CHM 262.

CHEMISTRY

Program Description

Lindenwood University offers a Bachelor of Arts in Chemistry, a Bachelor of Arts in Chemistry with a Concentration in Forensics, a Bachelor of Science in Chemistry, and a Bachelor of Science in Chemistry with Concentration in Biochemistry. A minor in Chemistry is also offered. These degrees may be used as a Pre-Professional program for students wishing to apply for medical, dental, optometry, or veterinary schools. The Bachelor of Science with Concentration in Biochemistry is well suited for this purpose offering a number of the chemistry, math, and biology courses required by the professional schools.

Bachelor of Arts in Chemistry

The Bachelor of Arts in Chemistry requires a total of 49 credit hours of coursework. The degree requires 31 credit hours of coursework in Chemistry and an additional 21 credit hours of coursework in Mathematics and Physics. The required Chemistry courses are CHM 251, CHM 252, CHM 261, CHM 262, CHM 351, CHM 361, CHM 362, CHM 375 or CHM 471, CHM 490, and 3 credit hours of chemistry electives at the 300 or higher level. Additional required courses in the division of science include MTH 241, MTH 271, MTH 272, and PHY 251 and PHY 252 or PHY 301 and PHY 302.

Bachelor of Arts in Chemistry with a Concentration in Forensics

The Bachelor of Arts in Chemistry with Concentration in Forensics prepares students for careers in forensic or other laboratory analysis positions. The degree requires 79 credit hours of coursework including CHM 251, CHM 252, CHM 261, CHM 262, CHM 311, CHM 351, CHM 361, CHM 362, CHM 375, CHM 480, CHM 490, BIO 251, BIO 227, BIO 228, MTH 170, MTH 241, PHY 251, PHY 252, ART 181, CJ 200, CJ 210, CJ 301, CJ 310, CJ 331.

Bachelor of Arts in Chemistry with Unified Science Endorsement

In conjunction with the Education Division, a Chemistry degree with a Unified Science Endorsement is offered for those student wishing to pursue a career in secondary science education. A total of 111 credit hours of coursework is required for the degree. The degree requires 30 credit hours of coursework in Chemistry, 44 credit hours of coursework in other areas of Math and Science, and 37 credit hours of coursework in Education courses.

The Chemistry course requirements for the Bachelor of Arts in Chemistry with a Unified Science Endorsement are CHM 111,

CHM 251, CHM 252, CHM 261, CHM 262, CHM 351, CHM 361, CHM 362, CHM 471, CHM 490. Required Biology courses include BIO 251, BIO 252, BIO 362. Other required courses include MTH 241, MTH 271, MTH 272, PHY 251/PHY 252 or PHY 301/PHY 302, ESC 100, ESC 110, SCI 212. Required Education Courses include EDU 110, EDU 303, EDU 304, EDU 307, EDU 320, EDU 321, EDU 330, EDU 341, EDU 380, EDU 410.

Bachelor of Science in Chemistry

The Bachelor of Science in Chemistry requires a total of 64 credit hours. It requires 43 credit hours of chemistry coursework and 26 credit hours of coursework in Mathematics and Physics. Required courses include CHM 251, CHM 252, CHM 261, CHM 262, CHM 351, CHM 361, CHM 362, CHM 375, CHM 401, CHM 471, CHM 472, CHM 473, CHM 490, and 3 credit hours of Chemistry elective at the 300 or higher level. Additional required courses in the division of science include MTH 241, MTH 271, MTH 272, MTH 303, PHY 301, and PHY 302.

Bachelor of Science in Chemistry with Concentration in Biochemistry

The Bachelor of Science in Chemistry with Concentration in Biochemistry requires a total of 65 credit hours of coursework. The degree requires 28 credit hours of coursework in Chemistry, 16 credit hours of coursework in Biology, and 21 credit hours of coursework in Mathematics and Physics. This degree will also prepare students for professional studies in the health sciences. Required courses in chemistry are CHM 251, CHM 252, CHM 261, CHM 262, CHM 351, CHM 361, CHM 362, CHM 363, CHM 471, CHM 490. Required courses in Biology are BIO 251, BIO 252, and BIO 304. Other required courses include MTH 241, MTH 271, MTH 272, PHY 251/PHY 252 or PHY 301/PHY 302.

Minor in Chemistry

Lindenwood University offers a minor in Chemistry. A total of 22 credits hours is required to earn the minor. The minor may be earned by completing the following courses: CHM 251, CHM 252, CHM 261, CHM 262, CHM 351, CHM 361, plus 3 credit hours of Chemistry electives at or above the 300 level.

COMPUTER SCIENCE

Program Description

A Bachelor of Science degree, a Bachelor of Arts degree, and a minor in Computer Science are offered at Lindenwood, as well as a Bachelor of Science degree in Computer Information Systems. Student 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 complete the freshman year, have a minimum 2.8 grade point average, currently have a good-standing status at the college, and receive the recommendation of the Computer Science Faculty. For further information contact your academic advisor.

Bachelor of Arts in Computer Science

The Bachelor of Arts degree in Computer Science requires the completion of 54 hours: CSC 100, CSC144, CSC 184, CSC 255, CSC 305, CSC 360, CSC 402 or CSC 410, CSC 403, CSC 406, and two Computer Science electives numbered 300 or above. Also required are MTH 141, MTH 271, MTH 290, MTH 321, and MTH 315.

Bachelor of Science in Computer Science

The Bachelor of Science degree in Computer Science requires the completion of 69 hours: CSC 100, CSC 144, CSC 184, CSC 255, CSC 305, CSC 360, CSC 402 or CSC 410, CSC 403, CSC 406, and two computer science electives numbered 300 or above. Also required are MTH 271, MTH 272, MTH 290, MTH 303, MTH 315, MTH 321, and PHY 301, PHY 302.

Bachelor of Science in Computer Information Systems

The Bachelor of Science degree in Computer Information Systems requires the completion of 62 hours: CSC 100, CSC 144, CSC 184, CSC 305, CSC 320, CSC 340, CSC 402 or CSC 410, CSC 425, CSC 447, and 9 hours of CSC or MTH electives numbered 300 or higher. Also required are MTH 141, MTH 170, BA 200, BA 201, BA 210, BA 330, and BA 331.

Minor in Computer Science

The minor in Computer Science requires the completion of 23 credit hours of CSC courses consisting of CSC 100, CSC 144, CSC 184, CSC 255, and three Computer Science electives numbered 300 or above.

EARTH SCIENCES

Program Description

The Lindenwood University curriculum in Earth Sciences is designed to meet many needs: 1) requirements for secondary science teachers, when demand for science educators is at an all time high; 2) additional flexibility in meeting the general education science requirements for all undergraduates; 3) an opportunity for undergraduates who desire it to earn the Unified Science Certificate; and 4) new opportunities for undergraduates interested in environmental biology and environmental science.

MATHEMATICS

Program Description

Lindenwood University offers both the Bachelor of Arts degree and a Bachelor of Science degree in Mathematics. 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.

Actuarial Studies Program

Students who wish to combine a mathematics major with selected business coursework can earn an emphasis in actuarial studies. In addition to the courses required for a major in mathematics, students pursuing an actuarial studies emphasis must complete BA 200, BA 211, BA 212, MTH 341, MTH 342, MTH 380 and MTH 390.

Bachelor of Arts in Mathematics

The Bachelor of Arts in Mathematics requires the completion of 44 credit hours of coursework in mathematics, computer science and physics. Required courses are MTH 271, MTH 272, MTH 290, MTH 303, MTH 311, MTH 315, CSC 100, CSC 144, PHY 301, plus 9 credit hours of mathematic courses at the 300 level or above.

Bachelor of Science in Mathematics

The Bachelor of Science in Mathematics requires the completion of 55 credit hours of coursework in mathematics, computer science and physics: MTH 271, MTH 272, MTH 290, MTH 303, MTH 311, MTH 315, MTH 321, CSC 100, CSC 144, CSC 184, PHY 301, PHY 302, plus 9 credit hours of mathematic courses at the 300 level or above.

Bachelor of Science in Mathematics with Secondary Certification

The Bachelor of Science in Mathematics requires the completion of 58 credit hours of coursework in mathematics, computer science and physics. Required courses consist of MTH 141, MTH 271, MTH 272, MTH 290, MTH 303, MTH 311, MTH 315, MTH 320, MTH 321, MTH 330, MTH 341, CSC 100, CSC 144, CSC 184, PHY 301, and PHY 302. In addition, students must complete 26 credit hours of educational courses. The following Education courses must be completed EDU 110, EDU 111, EDU 303, EDU 304, EDU 307, EDU 320, EDU 321, EDU 331, EDU 341, and EDU 380.

Minor in Mathematics

A minor in Mathematics is also offered. The minor requires the completion of 24 hours consisting of MTH 271, MTH 272, MTH 290, MTH 303, MTH 315, and an additional 3 hours of mathematics at the 300 level or above.

NATURAL SCIENCES

Program Description

Natural Science courses are offered as interdisciplinary courses in the Sciences and the Humanities Divisions. No major is offered.

PHYSICS

Program Description

Courses in Physics are offered in the Division of Science in support of majors in other academic programs. No major is offered. However, a minor in Engineering Physics is offered that requires the completion 33 credit hours of coursework. Required courses for the minor are PHY 301, PHY 302, PHY 303, EGR 332, EGR 361, EGR 362, MTH 271, MTH 272, and MTH 303.

PRE-CHIROPRACTIC

Program Description

Lindenwood University offers a 3+3 degree program in association with Logan College of Chiropractic. Essentially, students follow the Lindenwood curriculum for a B.S. degree in Biology. 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 B.S. degree in Biology from Lindenwood University. Two additional years of study at Logan College are required to earn the Doctor of Chiropractic degree. 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-ENGINEERING

Program Description

Lindenwood University 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 target engineering 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. It should also be noted 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.

Transfer/Articulation Agreements

Lindenwood 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/Washington University. Students should meet with a Lindenwood Liaison Officer for Engineering to discuss the specific requirements for each transfer university.

Students participating in the Pre-Engineering program at Lindenwood should complete the following core courses: MTH 271, MTH 272, MTH 303, MTH 311, PHY 301, PHY 302, CSC 100, CSC 144, CSC 184, CHM 251, CHM 252, CHM 261, CHM 262, EGR 331, EGR 332, EGR 361 and EGR 362.

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, which are specifically designed to meet the course requirements and prepare students to take the mandatory entrance exams. More than ever before, health professions schools are placing the 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 pre-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 the 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 also check the coursework-related information on specific schools in the Admissions Requirements books which 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

General Physics 2 semesters

Organic Chemistry 2 semesters

English 2 semesters

and completion of 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 has an articulation agreement with Barnes-Jewish College 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. The following courses are to be taken by Lindenwood students who intend to participate in this program: BIO 100, BIO 121, BIO 227, BIO 228, BIO 230, CHM 100, ENG 150, ENG 170, MTH 141, MTH 151, PSY 100, PSY 205, SOC 102, and 6 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.

PSYCHOLOGY

Program Description

The Bachelor of Arts degree in Psychology requires 45-47 hours of coursework. The core coursework consist of 21 credit hours: PSY 100, PSY 303, PSY 304, PSY 306, PSY 432, BIO 107, and MTH 141. In addition, students must choose two courses from each of the following four subject areas. Clinical: PSY 220, PSY 309, PSY 311, PSY 324, PSY 341, PSY 365, PSY 412; Experimental: PSY 325, PSY 330, PSY 331, PSY 332, PSY 334; Developmental: PSY 205, PSY 208, PSY 312, PSY 313; Electives: PSY 231, PSY 235, PSY 290, PSY 390, PSY 404, PSY 420, PSY 450.

Minor in Psychology

The minor in Psychology requires the completion of 21 credit hours of coursework. Specific course requirements are completion of the following: PSY 100, PSY 303, MTH 141, and one course from each of the four subject areas listed above.

SOCIOLOGY

Program Description

Lindenwood University offers a Bachelor of Art's degree in Sociology. Majors who choose to orient their studies toward an applied field such as social work are required to take at least one internship in a social agency. Students may choose to emphasize Anthropology rather than Sociology for their bachelor degree requirements. A minor in Sociology requires 18 credit hours. Students should consult with the faculty if they want to pursue a minor in Sociology.

Bachelor of Arts in Sociology

The Bachelor of Arts in Sociology requires 42 credit hours of coursework. Core course requirements are ANT 112, SOC 102, SOC 320, MTH 141, PSY 100, PSY 304, PSY 306, and one additional course in Psychology above the 100-level. In addition, 18 credit hours of Sociology and Anthropology electives must be selected from SOC 214, SOC 220, SOC 318, SOC 321, SOC 322, SOC 340, ANT 122, ANT 210, ANT 215, ANT 300, ANT 317, ANT 324.

Bachelor of Arts in Sociology with Anthropology

The Bachelor of Arts in Sociology with Anthropology requires 42 credit hours of coursework. Core course requirements are ANT 112, SOC 102, SOC 320, MTH 141, PSY 100, PSY 304, PSY 306, and one additional course in Psychology above the 100-level. In addition, 18 credit hours must be chosen from the following: ANT 122, ANT 210, ANT 215, ANT 300, ANT 317, ANT 324, SOC 318, and SOC 320.

Minor in Sociology

The minor in Sociology requires a total of 18 credit hours. Student must take SOC 102 plus 15 additional credit hours of coursework selected from the following: SOC 214, SOC 220, SOC 240, SOC 315, SOC 318, SOC 320, SOC 321, SOC 322, SOC 340, SOC 391, SOC 400, SOC 450, and ANT 112.

COURSE DESCRIPTIONS

(NOTE: Courses are listed alphabetically by course ID)

All-College

See page 68 of this catalog for the course descriptions of all COL courses.

Fashion Design

AFD 212/TA 212 Beginning Costume and Fashion Design Studio

(3) This course focused on the basic components of clothing and costume construction techniques. Studio feature of the class will provide students in Theatre and Fashion Design opportunities to work together and within their specific areas of study on various projects. Studio fee may apply. Co-requisite: AFD 230.

AFD 230/TA 230 Patternmaking I (3) This course focused on the development of the basic sloper for patternmaking and its manipulation to create original designs by the flat pattern method. Co-Prerequisite: AFD 212/TA 212. Studio fee may apply.

AFD 235/TA 235 Patternmaking II (3) This course is a continuation of sloper manipulation for flat pattern design. Prerequisite: AFD 230/TA 230. Studio fee may apply.

AFD 260 Fashion Show Production I (3) This course introduces students to the basic processes involved in planning and presenting a fashion show. This is a hands-on learning experience for students enrolled in this course: they will participate in planning and presenting the Spring fashion shows. This course will be taught concurrently with AFD 360 and AFD 460. Prerequisite: permission of the instructor.

AFD 309 Intermediate Costume and Fashion Design Studio

(3) This studio course introduces the student to the process of creating original designs. Prerequisites: AFD 212/TA 212, AFD 230. Studio fee may apply.

AFD 340 Fashion Draping (3) This course focuses on different methods and principles involved in draping fabric on the dress form to create original designs. Projects begin with a draping plan and fashion sketches to identify the creative elements and determine the draping technique required. Prerequisites: AFD 230, AFD 235. Studio fee may apply.

AFD 350 Computer-Aided Design I: Flats, Illustrations (3) This course focuses on the use of the computer to produce fashion-related materials, designs, etc. Prerequisites: ART 120 and permission of the instructor. Studio fee may apply.

AFD 351 Computer-Aided Design II: Textile Design (3) This course is focused on textile designing to create prints, patterns, and woven textile fabric and other fashion related design materials using U-4ia software. Students will be required to build a mini-portfolio. Prerequisite: AFD 350. Studio fee may apply.

AFD 352 Computer-Aided Patternmaking (3) This course teaches patternmaking, grading, and marker making in CAD. The course will also focus on pattern designing, grading, detailing, and pattern layout. Students will have the experience of using the operative tools actually employed by professionals in the fashion industry. Prerequisites: AFD 230/TA 230 and AFD 235/TA 235. Studio fee may apply.

AFD 360 Fashion Show Production II (3) This course focuses on the planning and presentation of the Spring professional and high school fashion shows. Students in this section may take on supervisory and/or managerial functions with regard to producing the Spring fashion shows. AFD 360 will be taught concurrently with AFD 260 and AFD 460. Break out sessions will be held for students in AFD 360 to discuss the analysis of fashion show formats for a more in-depth understanding of the production process. Prerequisite: AFD 260.

AFD 376 Fashion Accessories (3) This course is designed to introduce 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 in this class may vary from semester to semester. Prerequisite: FD 212/TA 212. Studio fee may apply.

AFD 380 Production Design Practicum (3) This course offers practical experience designing for an existing company. The company's past sales history and current fashion trends will be researched and a sample line for the up-coming season will be designed and constructed. Students will merchandise the line, and the finished product line will be critiqued. Prerequisites: AFD 235/TA 235 and AFD 309/TA 309.

AFD 405 Advanced Fashion--Mini Collections (3) This course focuses on the design, construction, and merchandising of a coordinated line of clothing. Prerequisites: AFD 230, AFD 235, and AFD 309. Studio fee may apply.

AFD 450 Portfolio Design (3) This class is designed to teach fashion students how to create a professional fashion portfolio. The emphasis of this course will be on the further development of illustration skills and various media and presentation techniques. Prerequisites: ART 316 and junior standing.

AFD Fashion Show Production III (3) In this advanced class of the fashion show production series, students will be expected to

serve in supervisory and managerial capacities for the production of the professional and high school fashion shows presented in the Spring. Planning sessions with faculty and other individuals involved in the process will be held outside of class time. This course will be offered concurrently with AFD 260 and AFD 360. Prerequisite: AFD 360 or permission of the instructor.

AFD 465 Fashion Internship (3-6) This course offers supervised work experience for the advanced student. A minimum of 200 hours (for 3 hours of credit) in a professional work environment is required as well as a successful evaluation from the student's on-site supervisor. Prerequisite: junior standing and permission of the instructor. May be repeated with departmental permission.

AFD 499 Senior Project (3) All students in their senior year must enroll in this course which is a culmination of their work. Each student will meet in consultation with a faculty member to develop his/her senior project. Majors will be expected to design and execute a collection of original fashions. In all cases, a proposal for the senior project must be submitted in writing and approved by the faculty sponsor. Studio fee may be assessed. Prerequisite: AFD 405 or departmental permission.

AMERICAN STUDIES

See page 54 of this catalog for the course description of all AST courses.

ANTHROPOLOGY

ANT 112 Cultural Anthropology (3) (GE/CC) 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.

ANT 122 Human Evolution (3) (GE) Students are introduced to the fields of paleoanthropology, fossil, and genetic studies of human populations. The course also includes the fields of archaeology and prehistory.

ANT 210 Native American Indians (3) (CC) This course offers a broad survey of the archaeology, traditional cultures, and the current conditions of Native American Indian populations of North America. Prerequisite: ANT 112 or SOC 102 or HIS 105.

ANT 215 Archaeological Field Experience (3) This course provides a basic introduction to archaeological field methods. Topics include principles of excavation, basic artifact identification, field note methods, and metric measurement. Assigned readings will cover archaeological field survey techniques.

ANT 300 Focus on Modern Asia (3) (CC) An anthropological survey of the contemporary conditions of Southwest, South, East, and Southeast Asia. Prerequisite: HIS 100 and either ANT 112 or SOC 102.

ANT 317 Social and Cultural Change (3) (CC) A broad survey of the prehistoric, historical, and contemporary global changes in societies throughout the world. Prerequisite: HIS 100 and either ANT 112 or SOC 102.

ANT 324 Religion and Culture (3) (CC) This course is an introduction to the anthropological studies of religions throughout the world. Prerequisites: ANT 112 or SOC 102 or REL 200.

ANT 334 Islamic Societies (3) (CC) This course is an introduction to Islamic societies of the Middle East, South, and Southeast Asia. The course will introduce the history and the current trends in the Islamic world. Prerequisite: HIS 100 and either ANT 112, SOC 102 or REL 200.

ANT 390 Special Topics in Anthropology (3) This course will deal with a specialized topic of interest within anthropology. Prerequisites will be determined by the topic.

ANT 450 Internships (3-6)

ART

ART 100 Fundamentals of Drawing and Design (3) (GE) This general education course is specifically designed for non-Art majors and focuses on the skills required for communicating through 2-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.

ART 106 Two-Dimensional (2-D) Design (3) 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. The student will learn how these variables can positively affect the dynamics of these surfaces.

ART 108 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 assessed.

ART 120 Introduction to Graphic Design and Computer Art (3) This hands-on computer lab course is designed to teach the basic fundamentals and theory of graphic design. Students will be introduced to several programs that are used in the visual communications industry. Students will learn to manipulate photographs, create custom artwork and illustrations, layout pages, and use the computer as a tool to create fine art pieces. Prior experience in the use of computers is helpful but not required.

ART 130 Introduction to Drawing (3) This is an introductory course to drawing in varied media. Problems in rendering objects, perspective, space, and light are presented. Varied media and techniques of drawing are introduced. The course will be offered for art and non art majors. Sketchbook required.

ART 136 Three-Dimensional (3-D) Design (3) (GE) This course offers an exploration of three dimensional space and design. Problems in the additive and subtractive processes will be concerned with open and closed space, mass, and volume. Basic fabrication skills will be covered. Sketchbooks required. Prerequisite: ART 106. Lab fee may apply.

ART 181 Introduction to Photography (3) (GE) This course introduces the student to photography. The course will include a hands-on component on producing and printing black and white photographs. Basic camera and composition skills will be covered. Other aspects of the course will include a discussion of photography as a profession, an historical overview, materials and techniques. Students will need to buy film and photographic

paper. Studio fee. A 35mm SLR camera or digital camera is required depending upon the course emphasis stated in the schedule.

ART 200 Introduction to Painting (3) This is an introductory course to painting using varied media. Problems in composition, rendering of forms, color, and the techniques of painting will be studied. Studio fee may apply. Prerequisite: ART 130.

ART 210 Concepts in Visual Arts (3) (GE) A course for non-art majors, this class presents a study of selected works in the visual arts by exploring the role of art in society with an emphasis on the creation and interpretation of works of art in media by examining style, aesthetics, social function, and the expression of cultural values. Students will explore the creative process via studio projects.

ART 220 History of Art (3) (GE/CC) This course is an historical survey of art and architecture from Prehistory to Modern with an emphasis on the relationship between art, society, culture, religion, and politics. Major artists, works of art, and architecture will be discussed such as the Parthenon, Michelangelo, Monet, and Picasso. This course is open to all students. It is required for every art major.

ART 240 Introduction to Ceramics (3) (GE) This course serves as an introductory investigation of clay as a medium for creating functional and sculptural forms. Techniques are taught in hand building, glazing, and firing. Other aspects of this course will include a discussion of the historical aspects of ceramics, materials, and basic glaze chemistry. The student will become familiar with historical and contemporary ceramics through lectures, exhibits, and visual aids. This course is designed for art and non-art majors. Studio fee.

ART 300 Painting (3) This course instructs in painting in varied media with instruction and criticism appropriate to the need and level of the individual student. Studio fee. Prerequisites: ART 130, ART 200 or consent of the instructor student. Studio fee may apply. Repeatable for credit.

ART 306 Digital Imaging (3) This course explores the use of digital imaging applications. Topics such as scanning, image correction and manipulation, resolution and color space requirements, and production practices will be covered. Students will become familiar with the tools, palettes, menus, and creative capabilities of the software. This class will utilize lecture, demonstration, discussion, and hands-on experiences. Lab fee. Prerequisite: ART 120.

ART 308 Vector Graphics (3) This course explores the use of vector-based illustration applications. Students will become familiar with the tools, palettes, menus, and creative capabilities of the software. This class will utilize lecture, demonstration, discussion, and hands-on experiences. Lab fee. Prerequisite: ART 120.

ART 310 Advanced Page Layout (3) This advanced course focuses on the design and production aspects of page layout software. This lab-based class will include the study of typography, page design, and page architecture. The use of CMYK, spot colors, and paper selection will be reviewed. 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 web-based

and paper-based distribution; building self-contained high and low resolution files. Lab fee. Prerequisites: COM 305, ART 106, ART 108.

ART 315 Printmaking (3) A study of the principles and processes of four types of printmaking will be covered: Relief, Lithography, Silkscreen, and Intaglio. Sketchbook required. Studio fee. Prerequisite: ART 106, ART 130 or consent of the instructor. Repeatable for credit.

ART 316 Fashion Drawing (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 130 and 331.

ART 320 Sculpture (3) Sculpture in various media with instruction and criticism appropriate to the need and level of the individual student will be covered in this class. Sketchbooks required. Repeatable for credit. Studio fee. Prerequisites: ART 130, ART 136, or consent of the instructor.

ART 330 Drawing (3) Drawing in various media with instruction and criticism appropriate to the need and level of the individual student will be covered in this class. Sketchbook required. Studio fee may apply. Repeatable for credit. Prerequisite: ART 130 or consent of the instructor.

ART 331 Figure Drawing (3) This course deals with the study of drawing techniques and their application to the human form. Varied media and concepts will be introduced while studying the human figure. Sketchbook required. Studio fee. Repeatable for credit. Prerequisite: ART 130 or consent of the instructor.

ART 334 Fibers (3) Form, color, and surface design will be explored by means of basic fiber techniques as well as new innovative approaches to fiber. Skills in designing and making low relief three dimensional objects, dyeing and weaving will be explored. Studio fee may apply. Prerequisite: ART 106 or consent.

ART 340 Ceramics (3) This class will explore using clay as a three-dimensional medium. Class projects are both functional and sculptural in nature, allowing the student to perfect skills in wheel throwing, hand building, kiln firing, and more advanced glaze formulation. Repeatable for credit. Studio fee. Prerequisites: ART 136, ART 240, or consent.

ART 350 Advanced Photography (3) This is an advanced course in the exploration of photographic techniques and principles. Students will explore more advanced techniques including nontraditional photographic techniques, the Zone system for 35mm, toning and bleaching prints, lighting and electronic flash. Emphasis will be placed on the development of individual printing style. Prerequisite: ART 181. Repeatable for credit. Students are required to have a 35mm SLR camera with flash, photographic paper, and film. Studio fee will apply.

ART 354 Nineteenth Century Art (3) (CC) Students will study Neoclassicism, Romanticism, Realism, Impressionism, and Post Impressionism in Europe in the 19th century. Prerequisite: ART 220 or permission of the instructor.

ART 356 Baroque Art (3) (CC) This survey course deals with the development of painting, sculpture, and architecture in 17th and

18th century Europe. Emphasis on Bernini, Caravaggio, Rubens, Rembrandt, and Velazquez. Prerequisite: ART 220 or permission of the instructor.

ART 357 Ancient Art (3) (CC) This survey course covers the art and architecture of the Ancient Near East, Egypt, the Aegean, Greece, and Rome. Prerequisite: ART 220 or permission of the instructor.

ART 359 American Art (3) This course is a study of American painting, sculpture, and architecture from the Colonial period to 1900. Prerequisite: ART 220 or permission of the instructor.

ART 361 Twentieth Century Art/Modern (3) (CC) The development of European and American Art from prior to the start of the twentieth century through the second world war will be studied. Stylistic movements such as Fauvism, Symbolism, Expressionism, Realism, Dada, and Surrealism through Abstract Expressionism are examined. Prerequisite: ART 220 or permission of the instructor.

ART 362 Twentieth Century Art/Contemporary (3) (CC) This course is a study of modern European and American Art from the second world war through the Post-Modern era. The development of contemporary art and the contributions made since Abstract Expressionism in the visual arts and architecture are examined. Prerequisite: Art 220 or permission of the instructor.

ART 363 Women Artists (3) (CC) This is a survey course of women artists from the medieval period to the present. Images of women in art from the prehistoric period to the present will also be examined. Prerequisite: ART 220 or permission of the instructor.

ART 364 Non-Western Art (3) This course offers a survey of the major artistic developments in world cultures other than the Greco-Roman-European tradition. Course material may focus on a specific culture, i.e. China, Japan, when identified as a subtitle. Prerequisite: ART 220 or permission of the instructor.

ART 371/TA 317 History of Costume in Fashion (3) This course is structured as an overview of the history of Western dress. Prerequisites: ART 220, or consent of the instructor.

ART 383 Renaissance Art (3) (CC) This course is a study of painting, sculpture, and architecture of the Renaissance in Italy from 1300 to 1600. Prerequisite: ART 220 or permission of the instructor.

ART 385 Gallery Management (3) This course offers an experiential and hands on approach to learning about galleries and exhibitions. Students are expected to spend time outside of class for gallery walks and exhibition installations. Topics covered include: networking, art venues, legal issues, press releases, documentation, cover letters, reviews, etc.

ART 386 Special Topics (3) This is a course designed to offer a variety of topics in art history, studio art, and design. May be repeated as topics vary. Prerequisite: ART 220, HIS 100, or consent of the instructor.

ART 400 Senior Seminar (3) This capstone course is designed to help the student position him/herself in the path of 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 first semester of their senior year. Prerequisite: senior status.

ART 418 Computer Art I (3) This course is designed to assess the mastery of software systems presented in the graphic and computer art sequence of coursework. Professional design practices will be stressed. Coursework covers the advanced use of design applications to create professional portfolios. Prerequisites: ART 306, ART 308, and ART 310, COM 233, COM 305, COM 233, and senior standing or permission of the instructor. Studio fee will apply.

ART 419 (3) Computer Art II (3) This course is a continuation of ART 418. Assignments will focus on traditional and digital portfolio development. Students will also learn how to prepare their work for exhibition. Coursework will emphasize aesthetic elements with instruction and criticism appropriate to the need and level of the individual students. Prerequisites: ART 418, senior standing, or permission of the instructor. Studio fee will apply.

ART460 Exhibition (3) Students working toward the B.F.A. must enroll in this class during the term in which they mount their exhibition and complete their thesis. Prerequisites: senior standing and ART 400, or permission of the instructor.

ART 465 Art Internship (3-6) This internship offers supervised work experience for the advanced student which requires the application of principles, skills and strategies within the discipline. Prerequisite: permission of the instructor. May be repeated with departmental permission. Studio Art.

AMERICAN STUDIES

AST 150 Introduction to 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 deserts over an open fire or a fireplace hearth. The course will enhance ones understanding of frontier life and provide cooking skills to further enjoyment of the outdoors.

AST 151 Introduction to 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.

AST 152 Introduction to Blacksmithing (1) This lecture and lab course introduces students to the life time activity of history and techniques of blacksmithing. Students will learn basic steps in safely operating a forge and producing simple objects from iron.

AST 190 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 students' own dreams; 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.

AST 201 Introduction to American Studies (3) An introductory and interdisciplinary course about the American Experience. It incorporates American beliefs, history, literature, art, architecture, the American character, values, diversity, self-reliance, responsibility, self-determination, pluralism, assimilation, nationalism, and patriotism as they apply to the American national character, culture, and belief system.

AST 212 History of American Sports (3) This survey of American sports history from the 19th century to the present. The class examines the origins of the major sports in the US as well as a number of more minor one. The class also examines the role of sports in American culture and society.

AST 230 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, social and cultural history. When did some of the post-colonial immigrants arrive and why did they come? 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.

AST 235 American Expatriates (3) This course is an historical survey of American Expatriates from the American Colonial period to the 20th Century. The course will cover political, literary, and cultural (as well as other reasons), motives for leaving the U.S. to live in other parts of the world. Their influence on American History and culture will be explored.

AST 240 Germans in Missouri (3) This course researches German immigration and assimilation in Missouri. Students will use primary and secondary sources.

AST 260 The American Landscape (3) This course used images of American landscape painting and photography across the country, as well as writings by American naturalists and artists to delve into the meaning of landscape and how it relates to the American psyche and cultural identification.

AST 265 Artists of the American West (3) This course will consist of a survey of painters associated with the concept of the frontier; images of the Noble Savage; Manifest Destiny; expedition artists, from late 1700's to present.

AST 340 American Cultural Studies I (3) This interdisciplinary course examines the culture and society of the United States and the American national character. Various American beliefs such as self-determination, pluralism, the work ethic, immigrants and their influence, cultural diversity, nationalism, the frontier, self-reliance, westward expansion, American morals, values, sovereignty, and integrity will be studied and discussed as related to American culture. This course will examine American art, architecture, other visual culture, literature, history, and material

culture within contexts. This course will concentrate on the period covering the Mississippians to the era of the pre-Civil War.

AST 341 American Cultural Studies II (3) This course is a continuation of American Cultural Studies I, with the emphasis on the Civil War era to 1900.

AST 386 Special Topics in American Studies (3) Various topics within the field of American Studies will be emphasized. This course may be repeated for credit.

AST 400 Senior Seminar (3) This seminar offers supervised work experience for the senior major gives an opportunity to explore applications in the field of study. Under department supervision, students will develop a project and explore primary and secondary research.

ATHLETIC TRAINING

AT 221 Medical Terminology (3) This course is designed to educate the student in medical terminology in preparation for a career in the health care 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.

AT 222 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.

AT 290 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 in conjunction with AT 295.

AT 293 Clinical Experiences I (2) This is an introductory course in athletic training with emphasis on “what it takes to become an athletic trainer.” Students are required to spend 150 hours in the athletic training room, at practices and games as a part of the pre-requisites for the Athletic Training Education Program. The student, under the direct supervision of a Staff Certified Athletic Trainer, will complete game and practice coverage and athletic training room responsibilities. Prerequisite: Must be completed prior to formal admission into the Athletic Training Education Program.

AT 295 Introduction to Athletic Training (3) 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 rehabilitation of sports injuries. Included in the course will be bracing, taping and basic rehabilitation techniques.

AT 301 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. Prerequisite: AT 302, AT 391, AT 303, AT 392. Taken in conjunction with AT 390.

AT 302 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. Prerequisite: Acceptance into athletic training education program. Taken in conjunction with AT 391.

AT 303 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 all be covered. Prerequisite: AT 302, AT 391. Taken in conjunction with AT 392.

AT 390 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 301.

AT 391 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 testing range of motion, strength, and special tests of the lower body. Taken in conjunction with AT 302.

AT 392 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 testing range of motion, strength, and special tests of the upper body. Taken in conjunction with AT 303.

AT 393 Clinical Experiences II (2) 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 all necessary competencies and proficiencies under the supervision of an Approved Clinical Instructor. Students will also have one classroom session each week to help fulfill all class requirements. Prerequisites: AT 302, AT 391.

AT 394 Clinical Experiences III (2) This course is designed to expose the student to experiences common in athletic training. The course will provide the student an opportunity 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 all necessary competencies and proficiencies under the supervision of an Approved Clinical Instructor. Students will also have one classroom session each week to help fulfill all class requirements. Prerequisites:--- AT 303, AT 392, AT 393.

AT 429 Clinical Experiences IV (2) 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 risk management, therapeutic exercise, therapeutic modalities, and general medical conditions. Students will be simultaneously enrolled in Integrating Experience and will utilize these clinical rotations to complete all necessary competencies

and proficiencies under the supervision of a Clinical Instructor. Prerequisites: AT 301, AT 390, AT 394, AT 430, AT 433, AT 435, AT 436 Senior Standing. Taken in conjunction with AT 438, AT 439.

AT 430 Therapeutic Modalities (3) This class includes a 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 Prerequisite: AT 302, AT 391. Taken in conjunction with AT 435.

AT 431 Organization and Administration of Athletic Training (3) 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, record-keeping, health-care services, counseling, and public relations. Prerequisite: Senior standing.

AT 432 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. Prerequisites: Junior Standing.

AT 433 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. Prerequisites: AT 303, AT 392, AT 393, Junior Standing. Taken in conjunction with AT 436.

AT 435 Therapeutic Modalities Lab (1) This course is designed to identify how to utilize therapeutic modalities most effectively 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. Prerequisites: AT 302, AT 391. Taken in conjunction with AT 430.

AT 436 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. Prerequisites: AT 303, AT 392, AT 393, Junior Standing. Taken in conjunction with AT 433.

AT 437 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. Prerequisites: AT 302, AT 391, AT 303, AT 392, Junior Standing.

AT 438 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, Taken in conjunction with AT 429, AT 439.

AT 439 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. Taken in conjunction with AT 429, AT 438.

AT 445 Foot Orthosis: Casting and Fabrication (3) Students will learn the biomechanical reasons and diagnoses that require orthotics to be prescribed and will learn the basics of biomechanical evaluations. Students will be exposed to step-by-step procedures of casting, constructing and grinding of a foot orthosis

BIOLOGY

See page 62 of this catalog for the course description of all BIO courses.

BUSINESS ADMINISTRATION

BA 100 Introduction to Business and Free Enterprise (3) This course is an introduction to the essentials of business activities in managing, marketing, accounting, and finance, and to various economic systems, with special emphasis on the free enterprise system. May not be taken by Business majors with junior or senior standing. Offered each semester.

BA 171 Introduction to Retailing (3) This course is a survey of the interrelationships of industries and services that comprise the field of retailing. Included are topics relating to product development, retail distribution, store planning, promotional activities, merchandising practices, organizational structure, and expense control.

BA 200 Principles of Financial Accounting (3) This course is a

study of accounting information framework used by organizations to collect, maintain, and report financial information. Special emphasis is given to transaction analysis and the resulting effect on the accounting equation. Considerable time is spent on financial statement analysis and use by its outside users. Prerequisite: Sophomore status recommended.

BA 201 Principles of Managerial Accounting (3) The development, analysis, interpretation, and communication of financial information designed to assist managers in achieving the goals of an organization will be studied in this course. Topics include discussions about different cost accumulation systems, cost management systems, activity-based costing and management, and planning and control. Prerequisite: BA 200.

BA 210 Survey of Economics (3) (GE) This course serves as an introduction to basic economic concepts, relationships, and institutions. The course provides a foundation for applying economics to individual decision making and for critically analyzing aggregate economic behavior and policy. Please note: This course satisfies one social science general education requirement. This course will not fulfill a core or elective requirement for business administration students.

BA 211 Principles of Microeconomics (3) (GE) This course is an introduction to economic concepts, relationships, and institutions related to individual and firm decision-making. Supply, demand, and opportunity cost are used to analyze individual and firm actions in a market framework. Pre- or co-requisite: MTH 131 or MTH 141. Please note: This course is part of the core business administration requirements. BA 210 may not be substituted.

BA 212 Principles of Macroeconomics (3) This course is an introduction to basic economic concepts, relationships, and institutions related to the aggregate economy. Keynesian analysis is used to analyze the effect of fiscal and monetary policy actions on employment, output, and prices. Prerequisite: BA 211. Please note: This course is part of the core business administration requirements. BA 210 may not be substituted.

BA 240 Introduction to Information Systems (3) This course covers basic design features of computers, major components of computer systems, and the impact of information technology on business organizations. Topics discussed include hardware, software, communications and networking, database management, and systems development methodologies. Issues of computer crime and computer ethics will also be addressed. The concepts of the course are illustrated by the use of a spreadsheet, presentation graphics, and word processing software on microcomputer, as well as programming in Visual Basic. World Wide Web exercises are incorporated into the course material.

BA 260 Retail Communication (3) This course is a study and use of various marketing and promotion strategies in the retail industry including trade, national, and retail advertising methods. The primary focus will be on promotional mix and the role and structure of promotion in retail.

BA 300 Financial Accounting and Reporting I (3) The development, application and importance of accounting standards, principles and conventions, including current FASB opinions will be examined. Problems of balance-sheet valuations and their impact upon income statements and effects of judgment and opinion on the "fairness" of statement presentation will be studied. Prerequisite: BA 201.

BA 301 Financial Accounting and Reporting II (3) This course is a continuation of BA 300. Prerequisite: BA 300.

BA 302 Accounting Cycle Analysis (3) This course will focus on the technical aspects of the accounting cycle. Students will process transactions utilizing both a manual accounting system and a popular electronic software package. 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 wanting a thorough understanding of the accounting cycle. Prerequisite: BA 200 and BA 240.

BA 305 Accounting Information Systems (3) This course is a study of 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. Prerequisites: BA 201 and BA 240.

BA 311 Managerial Economics (3) This course explores theory of firm decision making applicable to organizations in various market environments through an applications-based approach; economic theory is integrated with other business administration disciplines. Prerequisites: BA 211 and 212. MTH 152 recommended.

BA 312 Money and Banking (3) This course extends macroeconomic policy analysis with emphasis on the role of financial markets, financial institutions, and the monetary authority. Topics covered include the money markets, bond markets, interest rates, monetary authority, financial market structure, and macroeconomic policy. Prerequisite: BA 212.

BA 313 Public Finance (3) This course focuses on public financial issues at the national, state, and local levels of government. Topics examined 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.

BA 314 History of American Business (3) (GE) This course examines the economic life and institutions in the United States since the colonial days and issues of economic growth, state and private authority in relation to economic activity, monetary and banking history, trade and commerce, industrial development, labor problems, transportation, land and agricultural policy. Prerequisite: One course in U.S. History, BA 210 or 212.

BA 315 Current Economic & Social Issues (3) Application of microeconomic and macroeconomic theory to major social and market phenomena. Applications include supply and demand movements in the microeconomic area, market failure analysis, and government stabilization tools in the macroeconomic area. Students learn how their own economic aspirations and behaviors as consumers, workers, and voters impact a host of policy concerns and shape the world in which they live. Prerequisite: BA 210 or 212.

BA 316 Intermediate Microeconomics (3) This course expands on the concepts introduced in microeconomics (BA 211) and introduces additional tools of economic analysis. Topics covered

include partial equilibrium analysis (utilizing supply and demand functions), elasticities, welfare economics, the behavior of firms in various market structures, and an introduction to new institutional economics. The course emphasizes conceptual understanding and problem solving using basic algebra and geometry. Additionally, basic calculus techniques are introduced in the context of economic optimization problems. Prerequisite: BA 212.

BA 318 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.

BA 320 Principles of Finance (3) The fundamentals of financial management including planning, budgeting, and control as well as external sources and methods of capital acquisition will be examined. A study of the evolution, functions, and practices of the many financial intermediaries with which the firm must interface. Prerequisites: BA 212, and/or concurrent with BA 201.

BA 323 Corporate Finance I (3) This course is an in-depth examination of issues and techniques of financial management, including financial statement analysis, financial planning, financial markets and institutions, securities valuation, cost of capital, and capital budgeting. Prerequisite: BA 320.

BA 324 International Finance (3) This course is a study of financial decision making for multinational companies. Prerequisite: BA 320.

BA 325 Investments I (3) This course is a survey of the basics of investing with an emphasis on common stocks. Students are required to prepare a report on an investment in an assigned company based on economic, industry, and company-specific factors. Prerequisite: BA 320.

BA 326 Consumer Finance (3) This course will survey 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 will be on practical knowledge for personal financial management and serving customers of the banking, brokerage, insurance, and other consumer finance industries. Prerequisite: BA 320.

BA 328 Risk & Insurance (3) This course will survey the area of risk and insurance and will examine 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: BA 320.

BA 329 Financing Business Ventures (3) This course is a study of the techniques of the financial management of a new or emerging business. Topics include raising capital, cash flow management, budgeting, and value realization. Prerequisite: BA 320.

BA 330 Principles of Management (3) This course will examine the development of the understanding of organizations and of the decision-making skills required in management positions and examine the various concepts of management and the basic functions of management planning, organizing, motivating, and controlling. The planning of goals, changes, progression of people, and the managerial value systems will be investigated.

BA 331 Organizational Behavior (3) This course investigates the development of knowledge and skill in the application of behavioral science theories and concepts to organizational processes and problems. Emphasis is on small group, intra-personal, interpersonal, inter-group, managerial, and organizational issues and problems. Prerequisite: BA 330.

BA 332 Human Resource Management (3) This course examines human resource functions related to business organizations including techniques of recruitment, training, development, compensation, placement, safety, labor-management relations, team formation and employee security. Students will develop an understanding of the relationship of human resources to legal matters, relevant research pertinent to human resource evaluation, and the relationship of human resources to other departments within an organization.

BA 333 Small Business and Entrepreneurship (3) This course examines the management of small business. Emphasis will be placed on planning, controlling, financing, and managing operations. Management issues unique to entrepreneurial ventures will be considered. Prerequisites: BA 330 and BA 350.

BA 335 Public Management (3) This course focuses on a close examination of governmental reform efforts and evaluating these endeavors. In addition, topics discussed include fiscal federalism, presidential management of the federal bureaucracy, budgetary politics, and evaluating the term “big government.”

BA 336 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: BA 332.

BA 337 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, evaluation and testing. Prerequisite: BA 332.

BA 338 Personnel 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: BA 332.

BA 339 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: BA 332.

BA 340 COBOL Programming I (3) This course examines computer programming for business applications in structured COBOL in a PC environment. Applications using sequential file techniques are written, compiled, and executed on a microcomputer. Prerequisite: BA 240.

BA 341 COBOL Programming II (3) This is an advanced computer programming for business applications in structured COBOL. Topics include data validation, control break logic, interactive input and output, table processing, sequential update, and index file processing. Applications using multiple input and output files are written, compiled, and executed on a microcomputer. Prerequisite: BA 340.

BA 342 Programming in Visual Basic (3) This course focuses on developing Windows applications using Visual Basic. Students learn to build Visual Basic.Net applications with multiple forms and dialog boxes, create menus and sub-menus for program control, and access database files. Essentials of Visual Basic.Net environment are presented including objects, properties, methods, and code structures. Prerequisite: BA 240.

BA 343 Information Systems Programming in C++ (3) This course is designed to provide working knowledge of object-oriented programming using C++ as the language of implementation. The student will learn the basic concepts of object-oriented programming and object-oriented software design. The fundamental control structures of C and C++ will be presented. How to build objects using classes and to define operations on objects will be taught along with the use of predefined classes in C++. Prerequisite: BA 342.

BA 347 Advanced Programming in Visual Basic (4) This course is designed to give the student advanced knowledge of programming language using the latest version of Visual Basic. Topics include the structure of the language, control structures, functions, data types, object-oriented programming, external data files, sub-procedures, accessing databases and creation of multiple forms, radio buttons, check boxes, drop down lists, scroll bars, list boxes, and combo boxes. Writing database programs and creation of class modules will be emphasized. Prerequisite: BA 342 or CSC 184 with grade C or better.

BA 350 Principles of Marketing (3) This course is an in-depth introduction to the functional business area of Marketing, which includes both a macro and micro view of the presenting of goods and services to target customers through the use of the marketing mix variables of 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.

BA 351 Marketing Information and Research (3) An introduction to the various sources of data and information used in making strategic and tactical marketing decisions. The focus of this course is on the marketing and research process from problem definition, data collection techniques, data analysis, interpretation, oral, and written presentation of research findings. Students will conduct a marketing research project. Prerequisite: BA 350.

BA 353 Retail Buying (3) An analysis of the buying function and the buyer's role in various retail organizations. This course focuses on the buyer's responsibilities relative to consumer research, merchandising and management, domestic and foreign

resources, and purchase negotiation. Prerequisite: BA 171 or concurrent enrollment.

BA 355 Selling (3) A detailed examination of personal selling. An extensive analysis of innovative selling strategies and concepts to negotiate mutually enriching agreements. Building long-term relationships with customers; sales theory concepts involved in personal sales and business-to-business sales. Prerequisite: BA 350.

BA 356 Pricing Strategy & Negotiations (3) This course offers a detailed analysis of pricing strategies in the marketplace. Emphasis will be on value estimating, value communication, break even analysis and profit calculation. Prerequisite: BA 350.

BA 357 Channels of Distribution (3) This course examines the channels of distribution between manufacturers, wholesalers, and customers. Emphasis is on the development, operation, and management of various channel systems in restrictive dynamic environments. Methods and techniques of developing a wholesaler and/or a retailer as part of the overall marketing plan will be examined. Prerequisite: BA 350.

BA 358 Advertising and Promotional Strategy (3) The marketing function of communicating the various promotional activities such as advertising, direct selling, and telemarketing will be studied. The strategy, planning, research, and execution of marketing communications will be analyzed. The problems of operating in the multi-faceted American society will be reviewed. Prerequisite: BA 350.

BA 359 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 will include organizational structure, legal aspects, 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.

BA 360 Business Law I (3) This course is an introduction to the law with emphasis on the sources of law, the role of society, the judicial function, and selected areas such as Governmental Regulation & Agencies, Crimes & Torts, Contracts, Business Organizations, Personal Property, Agency, and Employment law.

BA 361 Business Law II (3) Governmental regulation of business, (Corporations, Partnerships, Limited Liability Companies); selected Articles of the Uniform Commercial Code (Sales, Commercial Paper, Secured Transactions); Real Property and Estates; Bankruptcy; and Insurance will be studied. Prerequisite: BA 360.

BA 370 Introduction to Management Science (3) This course will introduce students to quantified techniques of management science. A microcomputer software package capable of solving a variety of management science problems will be utilized extensively throughout the course. Formulating linear programming models and interpreting computer solutions will be stressed. The course will also present network, inventory, and simulation models, as well as project management. Forecasting techniques used in business will be discussed. Prerequisite: BA 240, MTH 131 and MTH 141.

BA 372 Survey of Retail Operations (3) This course explores the strategic framework as related to operational functions of retail firms including store management, market functions, business organization, and personnel. Prerequisite: BA 171 or BA 350.

BA 383 Economics and the Environment (3) This course is a one-semester introduction to the economics of environmental and natural resource problems. The course covers externalities, public goods and property rights; economics of pollution control-air pollution, global climate change, water pollution; principles of cost-benefit analysis and risk assessment; and natural resource economics of renewable and non-renewable resources. Prerequisite: BA 211.

BA 390 Career Development (3) This course is designed to guide students through the career and academic exploration and planning processes and to provide the strategies and skills necessary for a lifetime career-related decision making. Students will engage in a variety of self-discovery initiatives, exploring personal interests, values, and abilities. With this information, students will utilize various exploration 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. Prerequisite: Senior Standing.

BA 400 Auditing (3) Theory and application of generally accepted auditing standards and procedures used by independent public accountants are investigated as well as the responsibilities and ethics of the CPA and practical problems. Prerequisite: BA 301.

BA 401 Income Tax (3) This course offers a survey of 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: BA 201 and BA 320.

BA 402 Introduction to Cost Accounting (3) Concepts of cost determination, reporting, and control applied to manufacturing operations will be discussed with an emphasis placed on job order and process cost accounting systems. Prerequisite: BA 201.

BA 403 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: BA 201.

BA 404 Financial Accounting and Reporting III (3) Specialized topics in advanced financial accounting: consolidations, mergers, partnership liquidations, and other topics will be examined. Prerequisites: BA 301.

BA 405 Governmental and Nonprofit Accounting (3) This course will investigate concepts of accounting and financial reporting for federal, state, and local government and for nonprofit organizations. Prerequisite: BA 301.

BA 406 Income Tax-Corporate (3) Analysis of the Federal Tax Code as it relates to Corporations, Partnerships, Estates, and Trusts will be discussed. Prerequisite: BA 401.

BA 409 Directed Studies in Accounting (1-6) Prerequisite: Permission of instructor, Dean of Management and BA 360.

BA 410 Java Programming (4) This course is designed to give the student advanced knowledge of programming language using Java. Emphasis will be on the fundamental syntax and semantics of Java for applications and Web applets. Some other topics covered will include variables, data types and expressions, control structures (branching and looping), programmer-defined classes, arrays, Graphical User Interfaces, and accessing databases as a back-end. Prerequisite: BA 342 or CSC 184 with grade of C or better.

BA 413 International Economics (3) This course addresses three aspects of international economics: (1) the causes and composition of international trade and policies used to control or promote it, (2) the balance of payments as an accounting framework and as a framework for macroeconomic adjustment, and (3) foreign exchange markets and institutions. Prerequisite: BA 212.

BA 415 History of Economic Thought (3) An inquiry into the development of economic theory from the Mercantilists to the present. Focus is 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: BA 212 or BA 210.

BA 419 Directed Studies in Economics (1-6) Prerequisite: Permission of instructor and Dean of Management.

BA 422 Financial Institution Management (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. Prerequisites: BA 320.

BA 423 Corporate Finance II (3) This course is a continuation of BA 323 Corporate Finance I. Capital structure decisions, financing decisions, working capital management, short-term financing, mergers and acquisitions, and multinational financial management will be examined. Prerequisites: BA 323.

BA 425 Investments II (3) This course is a continuation of BA 325 Investments I and covers fixed income securities, mutual funds, commodities, derivative securities, and portfolio management. Prerequisites: BA 325.

BA 427 Financial Statement Analysis (3) This course is a detailed case study of techniques and procedures for analyzing financial statements of corporations within different industries. Prerequisites: BA 300 or 323.

BA 428 Seminar in Finance (3) This course is an application 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. Prerequisites: Senior standing and BA 312, BA 323, and BA 325.

BA 429 Directed Studies in Finance (1-6) Prerequisite: Permission of instructor and Dean of Management.

BA 430 Management Policy (3) This class will examine how a business sets its strategy, implements, and evaluates that strategy in order to compete globally. This is the capstone course for all business majors and draws on the information and skills

developed throughout the core business courses. Examinations and case study analysis serve to reinforce the integration of the core business program with the degree. Prerequisite: Final semester of senior year.

BA 431 Operations Management (3) This course examines the management of systems or processes that create goods and/or provide services. Topics include operations, strategy, quality, production systems, inventory management and facility location. Prerequisites: BA 330 and BA 370.

BA 432 Managerial Ethics (3) This course will define the position of business enterprises to the general value of society and discuss public policy and the role of managing an enterprise, the responsibility of the public and the government to provide an atmosphere of the operation of business and the responsibility of management of enterprise to provide for the common good, and the business enterprise as a good neighbor at the local and national level. Prerequisite: BA 330.

BA 433 New Venture Initiation (3) This course is designed to aid students in gaining a better understanding of the venture initiation process. The process of selecting, launching, financing, and managing a new business will be examined. Preparation of a business plan is a central focus. Prerequisites: BA 200, BA 330 and BA 350.

BA 438 Human Resource Issues (3) This course uses the case study method wherein the student is required to analyze, synthesize, and present the case information to the class. This is the capstone class for Human Resource Majors. Prerequisite: Business or HRM major and senior standing.

BA 439 Directed Studies in Management (1-6) Prerequisite: Permission of instructor and Dean of Management.

BA 441 Database Design and Management (3) This course provides management-oriented introduction to database systems. Theoretical foundations necessary for understanding of hierarchical, network and relational models are provided. Various approaches to database design are presented, with emphasis on normalization and data modeling. Course concepts are reinforced by the use of cases and projects. The basics of SQL are covered, and technical aspects of database administration are examined. Prerequisite: BA 342.

BA 442 Information Systems Analysis and Design (3) Tools and methods of systems analysis and design as well as issues relating to systems implementation are presented. Coverage includes a review of the traditional life cycle methodology, along with newer methods used in the field. The course will expose students to computer aided system development tools. Prerequisite: BA 441 or CSC 305.

BA 443 Management of Information Technology (3) This course addresses management issues facing IS professionals. Topics covered include strategic planning, technology assessment, application portfolio management, operational activities, and controls. Prerequisite: BA 442 or concurrent enrollment.

BA 449 Special Topics in Management Information Systems (1-6) Various subject areas of current interest to information system professionals are explored. Material discussed may include coverage of open source software such as Linux, Web-based development, and new emerging technologies. Prerequisites: Permission of instructor. BA 342.

BA 450 Internship (1-9) Prerequisite: permission of advisor and dean. Junior standing and a cumulative GPA of at least 3.0 required.

BA 451 Consumer Behavior (3) This course offers a survey and analysis of the consumer's marketplace behavior, including motivation, buying behavior, learning, problem solving, perception, and decision making. Social, cultural, and psychological factors formulating buyer's behavior are explored, and marketer's techniques to anticipate and define consumer needs, wants, and desires to predict their responses to various marketing strategies to increase financial success in the marketplace are discussed. Prerequisite: BA 350. Recommended: BA 351.

BA 452 Principles of Public Relations (3) This course is a study of the theoretical and practical concepts of the purposes and functions of public relations. Primary emphasis will be placed on evaluation of public opinion, planning and research, selection of media and message, and assessing the organizational and environmental factors influencing public relations. Prerequisite: BA 350.

BA 453 Marketing Management and Planning (3) This course is the capstone marketing course. An exploration of the processes involved in managing the marketing function of the organization. Emphasis is placed on defining marketing problems and opportunities, evaluating alternative solutions, and developing strategies to address these issues as a member of a marketing management team in a variety of marketing settings through case analysis. Prerequisites: BA 350, 351, 355, 356, 358 three BA marketing electives and senior standing.

BA 458 International Marketing (3) This course is an extensive analysis of the marketing mix and how it can be standardized for transnational markets and will present techniques used to identify potential markets of products and/or services in the global marketplace. Prerequisite: BA 350.

BA 459 Special Topics in Marketing (3) Prerequisite: Permission of instructor and Dean of Management.

BA 460 Sport Law (3) This course is a study of the law as it pertains to the three main divisions in sports: amateur, professional, and international. Issues addressed are governing bodies, governmental regulations, agents, contracts, labor relations, torts, and social responsibility.

BA 461 Retail Merchandising Control (3) This course is an in-depth study of merchandising functions and control problems encountered in retailing. Prerequisites: BA 171, MTH 131 and MTH 141.

BA 470 International Business Operations (3) This course is an introductory course for the international studies program providing a historical perspective on patterns of trade between and within demographic regions and examining recent shifts in traditional markets and the forces that led to them. Current world-wide interests and strategic resources will be examined in this context. Analysis of import/export opportunities, problems, and constraints also is provided, particularly from the American business point of view. Prerequisite: Junior standing.

BA 471 International Risk and Politics (3) This course examines determination and assessment of factors of risk in international

business ventures to include analysis of domestic and foreign constraints imposed by the political and economic environment of multinational business operations. Special emphasis is given to the means of identifying, evaluating, and neutralizing risks related to international law, hyper-inflationary economics, nationalization of assets, revolution, war and inconvertibility of currency. The roles of governments in heightening and reducing risk also studied for their impact upon international business. Prerequisite: Junior standing.

BA 472 International Management (3) Organizing, staffing, and managing the international enterprise constitute the core subject matter of this course. Problems for international or multinational business begin when pricing, investment, financing, production, and similar decisions that affect foreign subsidiaries are considered by the parent firm. Particular concerns are the adaptation of management to culture, adapting methods to local conditions and attitudes, and agreements in contracts. Prerequisite: BA 330.

BA 475 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) release 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 Management majors.

BA 476 International Business and Cross-Cultural Communications (3) (CC) The course provides an overview of the international business milieu with specific reference to relations between home and host countries, demographic and geo-political patterns and problems, the need for international entrepreneurs, and constraints of other people. Prerequisite: Junior standing.

BA 479 Special Topics in Retail Marketing (3) This course offers unique retail topics designed to enhance the retail education of the student. Prerequisite: Permission of Instructor and Dean of Management.

BIOLOGY

BIO 100 Concepts in Biology (4) (GE) 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 emphasize classroom learning. Lab fee.

BIO 106 Modern Topics in Biology (3) (GE) Topics of current interest in biological research are discussed by students and faculty. Various areas of biology will be selected on a rotational basis. For non majors.

BIO 107 Human Biology (3) (GE) This course studies human physiological and anatomical systems as they apply to health, disease, and social interactions.

BIO 110 Principles in Biology (3) (GE) This course examines mechanisms of evolution, cellular biology, genetics, and ecology with emphasis on scientific methods, historical developments, current applications, and ethical issues.

BIO 111 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, spectrophotometry and centrifugation. Lab fee.

BIO 112 Environmental Biology (4) (GE) 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.

BIO 121 Nutrition (3) (GE) 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.

BIO 227 Human Anatomy and Physiology I (4) This course is a study of structure and function in the human body, including the following systems: integumentary, skeletal, muscle, endocrine, nervous, and sensory. Prerequisite: CHM 100 and BIO 100. Lab fee.

BIO 228 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. Prerequisite: BIO 227. Lab fee.

BIO 230 Microbiology for Health Sciences (4) This course is the study of microorganisms as they relate to human health and disease designed for Pre-Nursing students. 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. Prerequisites: BIO 100 & CHM 100. Lab fee.

BIO 251 General Biology I (4) (GE) This course is the first biology course for majors, introducing: biological molecules cell structure/ function, genetics, and evolution. Lab activities reinforce lecture concepts, introduce techniques, and model modern scientific inquiry. Prerequisite: CHM 251. Lab fee.

BIO 252 General Biology II (4) This course is a continuation of BIO 251 General Biology I with a study of basic biological principles related to the diversity of living organisms and their environment. Topics covered will include evolution of taxonomy and morphology; life cycles; ecological relationships among the prokaryotes, protists and fungi. Prerequisite: BIO 251. Lab fee.

BIO 263 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: BIO 252.

BIO 280 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: CHM 252, BIO 304, and permission of instructor.

BIO 304 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. Prerequisites: BIO 252, and CHM 252 with C or better in both. Lab fee.

BIO 306 Modern Topics in Biology (3) This class is offered with BIO 106 and requires additional research focus on one topic to be submitted as a paper. Prerequisite: Any 200 level or higher biology course.

BIO 308 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. Prerequisite: MTH 241 & either BIO 304 or BIO 320. Lab fee.

BIO 313 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: BIO 304.

BIO 320 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. Prerequisite: BIO 252 and CHM 252. Lab fee.

BIO 324 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. Prerequisites: BIO 252 & CHM 252. Lab fee.

BIO 329 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. Prerequisite: BIO 252. Lab fee.

BIO 330 Comparative Vertebrate Anatomy and Physiology (4) This course is a study of the structure and function of vertebrate organ systems from an evolutionary perspective. Prerequisite: BIO 324 Lab fee.

BIO 332 Plant Physiology (4) This course is an in-depth examination of plant growth and development, including plant cells, biochemistry, development, and environmental physiology. Prerequisite: BIO 320. Lab fee.

BIO 343 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. Prerequisite: BIO 324. Lab fee.

BIO 345 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. Prerequisite: BIO 320. Lab fee.

BIO 351 Field Studies in Taxonomy (3-5) Students in this course will study taxon of their choice. Work will include collection, identification, and preservation techniques. Prerequisite: BIO 320 & BIO 324. Lab fee.

BIO 353 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 health care. Laboratory activities will illustrate the procedures used in the isolation and identification of microbes, as well as the principles of asepsis and disinfection. Prerequisite: BIO 252. Lab fee.

BIO 358 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. Prerequisite: BIO 252.

BIO 362 Advanced Environmental Biology (4) This course emphasizes analysis of environmental problems. Basic ecological principles are used to examine problems of human interactions with the ecosystem. Prerequisite: BIO 252. Lab fee.

BIO 365 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. Prerequisite: MTH 241 & BIO 308. Lab fee.

BIO 366 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. Prerequisite: BIO 252 or BIO 112, and MTH 241. Lab fee.

BIO 370 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. Prerequisite: BIO 320. Lab fee.

BIO 390 Special Topics in Biology (3-4) Special topics selected from various areas of biological investigation either of recent or historical origin will be investigated. Topics differ from year to year. Prerequisite: based on topic requirements.

BIO 400 Field Research (1-6) May be repeated. Spring semester. Prerequisite: BIO 366.

BIO 402 Independent Research (1-6) May be repeated. Prerequisite: Permission of instructor.

BIO 416 Biochemistry (4) A lecture and laboratory study of the structure and functions of the various chemical constituents of living matter, emphasis is placed on the relationship between molecular structure and the functional properties of biomolecules, and the dynamic and self-regulating nature of living processes. Prerequisites: CHM 362 and BIO 304. Lab fee.

BIO 417 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. Prerequisites: BIO 308 & CHM 362.

BIO 426 Developmental Biology (4) This course examines general principles of animal development, including embryology, molecular phenomena of development, and the relationship between development and evolution. Prerequisites: BIO 304 & BIO 324. Lab fee.

BIO 464 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: BIO 308 and Senior standing.

BIO 490 Biology Seminar (1) Required for all biology majors. Prerequisite: Senior status or permission.

BIO 491 Senior Synthesis (2) 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: BIO 490.

SPORTS MANAGEMENT

BSM 260 Orientation to Sport Management (3) This course is designed to introduce students to the broad scope of the sport management profession, the array of careers currently available in the sport industry and its relationship with other disciplines. Attention will be given to the issues facing sport organizations and the use of management skills and techniques to solve business-related problems.

BSM 353 Sport Marketing and Promotion (3) The focus in this class is on the unique applications of marketing principles and processes to the complex and diverse nature of the sports industry. Comprehensive coverage of the functions of sports marketing, including designing an integrated marketing strategy, understanding sports consumers as spectators and participants; and planning, executing, and evaluating the sports marketing mix (product, price, place, and promotion) is included. Some out-of-class field training required as appropriate. Prerequisite BA 350.

BSM 410 Sport Management Policy (3) This course is designed to provide the student with the principles and methods of how a sport related organization determines, implements, and evaluates its business strategy in order to compete in a global marketplace. This is the capstone course for all sport management majors and draws on the information and skills developed throughout the sport management core courses. Examination and case study analysis serve to reinforce the integration of the core requirements with the degree. Prerequisite: Senior Standing and BSM 260.

BSM 450 Practicum in Sport Management (3) This course is designed to be the culminating experience in the Sport Management program. The student will be placed in a practicum placement at an approved sites. This placement should provide practical, hands-on experience for the student in the area of sport management. Supervision will be shared between the college and the cooperating institution/ business when proximity permits. The student will be required to clock a minimum of 160 hours during this placement. Prerequisite: Sport Management Major and Senior standing.

BSM 460 Sport Law (3) This course examines the law as it pertains to the three main divisions in sports: amateur,

professional, and international. Issues addressed are governing bodies, governmental regulations, agents, contracts, labor relations, torts, and social responsibility.

CHEMISTRY

CHM 100 Concepts in Chemistry (4) (GE) 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.

CHM 101 The World of Chemistry (3) (GE) 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.

CHM 105 Chemistry in Society (3) (GE) 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.

CHM 111 Environmental Science (3) (GE) 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.

CHM 251 General Chemistry I (3) (GE) This course provides a systematic treatment of the principles of chemistry. Topics include atomic structure, chemical bonding, classification of the elements, physical properties of gases, and solution chemistry. CHM 261 must be taken concurrently with this course. Prerequisite: 2 years of high school algebra or MTH 151.

CHM 252 General Chemistry II (3) This course is a continuation of CHM 251. Topics include stoichiometry, solutions, thermodynamics, kinetics, equilibria, and classification of the elements. CHM 262 must be taken concurrently with this course. Prerequisite: Grade of C or better in CHM 251 or permission of instructor.

CHM 261 General Chemistry I Laboratory (2) (GE) This course consists of one 2-hour laboratory period and one discussion meeting 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. Must be taken concurrently with CHM 251. Lab fee.

CHM 262 General Chemistry II Laboratory (2) This course consists of one 2-hour laboratory period and one discussion meeting 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. Must be taken concurrently with CHM 252. Lab fee.

CHM 301 Industrial Chemistry (3) This course is an examination of the principles of chemistry as applied to the manufacture of large quantities of chemicals. Topics will include material and energy balances, flow charts, environmental concerns, and the importance of patents in industry. Prerequisite: CHM 252.

CHM 311 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. Prerequisite: C or better in CHM 252 or permission of instructor.

CHM 351 Analytical Chemistry (5) This course is the study of different quantitative and quantitative analytical techniques such as gravimetric, volumetric, and selective precipitation methods of analysis. Laboratory work is included. Prerequisite: C or better in CHM 252 & MTH 241. Lab fee.

CHM 361 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. Prerequisite: CHM 252. Lab fee.

CHM 362 Organic Chemistry II (4) This course is a continuation of CHM 361. The principles of chemical behavior are applied to many types of organic compounds, including those of biological significance. Laboratory work is included. Lab fee. Prerequisite: Grade of C or better in CHM 361 or permission of instructor.

CHM 363 Biochemistry (4) This course examines the study of the structure and function of the various chemical constituents of living matter. Laboratory work is included. Lab fee. Prerequisites: CHM 362 and BIO 304.

CHM 375 Instrumental Analysis (5) 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: CHM 351 or concurrent and CHM 361. Lab fee.

CHM 382 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. Prerequisites: CHM 252 and permission of instructor.

CHM 383 Spectroscopy and Molecular Structure (3) This course offers an examination of physical and chemical principles involved in the various types of spectroscopy and the use of spectroscopy to determine the structure of molecules. Emphasis is given to nuclear magnetic resonance and infrared absorption spectroscopy, but ultraviolet absorption and mass spectroscopy also are considered. No lab. Prerequisite: CHM 362.

CHM 390 Special Topics (3) Special topics of interest in chemistry will be discussed by both students and faculty. Prerequisites: will be based on topic requirements.

CHM 401 Inorganic Chemistry (3) The chemistry of non transition elements including non-metals and noble gases, 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. Prerequisite: CHM 362 and junior standing.

CHM 402 Inorganic Chemistry of Transition Elements (3) The chemistry of transition metals, emphasizing the unusual bonding properties, stereochemistry, and relationship to reactivity will be investigated. The study includes organo-metallics, catalysis, and biologically important coordination compounds. Prerequisite: CHM 362 and junior standing.

CHM 403 Coordination Chemistry (2) This is a laboratory course covering modern coordination chemistry. The central theme is inorganic coordination chemistry, with emphasis on a variety of common analytical instrumental techniques that are fundamental in the characterization of inorganic compounds. To be taken concurrently with CHM 401 or CHM 402. Lab fee.

CHM 471 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. Prerequisites: CHM 361, MTH 272, and PHY 301 (or PHY 251).

CHM 472 Physical Chemistry II (3) This course is a continuation of CHM 471 with emphasis upon quantum chemistry as a means of explaining and predicting chemical behavior. Prerequisite: CHM 471; CHM 473 must be taken concurrently.

CHM 473 Physical Chemistry Lab (2) This course is a laboratory course focusing on data acquisition and statistical analysis of thermodynamic and kinetic data. Prerequisite: CHM 471. CHM 472 must be taken concurrently. Lab fee.

CHM 474 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. Prerequisites: CHM 361, 471, and MTH 272.

CHM 480 Chemistry Internship (3-6) 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. Prerequisites: Junior chemistry standing & permission.

CHM 490 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: Junior or senior status and permission of instructor.

CHINESE

See page 84 of this catalog for the course descriptions of all FLC courses.

CHRISTIAN MINISTRY STUDIES

See page 67 of this catalog for the course descriptions of all CMS courses.

CRIMINAL JUSTICE

CJ 100 CJSA (1) This organization educates students in current criminal justice issues as well as prepares them for careers in the criminal justice field. Activities include guest speakers, field trips, seminars, and volunteer work in the field.

CJ 200 Criminology (GE-SS) (3) 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 and will cover a wide range of perspectives from an objective point of view.

CJ 205 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.

CJ 210 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.

CJ 225 Comparative Criminal Justice Systems (3) (CC) 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. Prerequisites: Additional fees, CJ200 or CJ 210 and/or permission.

CJ 240 Special Topics in Criminal Justice (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, cyber crimes, 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.

CJ 300 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. Prerequisites: CJ 210 and junior standing.

CJ 301 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. Prerequisites: CJ 210 and sophomore standing.

CJ 305 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. Prerequisites: CJ 200 and 210, and junior standing.

CJ 310 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. Prerequisites: CJ 210 or permission of instructor, and sophomore standing.

CJ 311 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. Prerequisites: Any one of the following: CJ 200, CJ 210, PSY 100, or SOC 102, and sophomore standing.

CJ 315 Victimology (3) This course is an examination of the scientific study of victimization, including the relationships between victims and offenders, the interactions between victims and the criminal justice system and the connections between victims and other societal groups and institutions such as the media, businesses, and social movements. Pre-requisites: CJ 200, CJ 210 or permission.

CJ 321 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 210, junior standing.

CJ 331 Criminal Investigation (3) Each investigation is unique. Investigators need not have superhuman reasoning ability. They must, however, proceed in an orderly, systematic way, gathering facts to analyze and evaluate. This course will allow students, via a multidisciplinary format, to attempt to solve a violent crime through the application of forensic tools and methodologies. Applications include: CAD crime-scene sketches, computer-generated composites, blood-splatter analysis, Forensic Entomology, Forensic Anthropology, Forensic Odontology, and crime scene contamination. Prerequisites: CJ 200 and CJ 210, junior standing.

CJ 340 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, race crime and punishment, 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. Prerequisite: 12 hours in Criminal Justice Core courses or permission. This course may be repeated for additional credits if a different topic is offered.

CJ 440 Senior Seminar in Criminal Justice (3) This is a capstone course that will tie together the various components of the criminal justice system and allow students to critically examine current practices as they exist in American society. Criminal justice practitioners as guest lecturers will enhance student knowledge by providing relevant trends and issues from the field. Students will be able to assimilate knowledge regarding crime, police, corrections, courts, and society. Prerequisite: Senior standing (preferably last semester of course work), and permission of instructor.

CJ 450 Internship (4-6) This field experience in policing, corrections, juvenile justice, the court system, or within the private security/ investigation sector may be repeated for additional credit. Students must complete 40 hours in the field for each credit of internship and attend a weekly seminar. Prerequisite: Senior standing, 18 hours in Criminal Justice courses, 2.5 GPA, and consent of the instructor.

CJ 460 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: permission of LU instructor and acceptance to SLCMPA.

CHRISTIAN MINISTRY STUDIES

CMS 100 Student Group, "The Vine" (1) As the official student organization of CMS, The Vine exists to impact campus culture and foster community through various and exciting campus wide activities. Meets weekly. Students are expected to attend meetings and work on group projects.

CMS 101 Disciplines of the Christian Life (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.

CMS 110 Introduction to Christian Missions (3) This course is the study of the biblical foundations, history, and philosophy of missions. Special attention will be given to insights from the modern mission era and the challenges of contextualization.

CMS 115 Personal Evangelism (3) This course is the study of the personal presentation of the Gospel message, including a review of the biblical basis of evangelism.

CMS 120 Introduction to Christian Theology (3) This course is an overview of the foundational teachings of Christianity, approached from a faith perspective. 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 various denominations and faith perspectives within evangelical Christianity.

CMS 201 Principles of Youth Ministry (3) This course will define and examine the age of adolescence, examine a brief history of the origin and growth of student ministries, and study the orientation to principles and strategies necessary for successful adolescent ministry programming.

CMS 221 – Doctrine of Salvation and Doctrine of Humanity (3) This course offers a survey of the biblical teachings concerning salvation, as well as the historical development of various schools of thought. Attention will be given to the issues of eternal security, the extent of the atonement, and the work of the Holy Spirit in the conversion process. Additionally, a survey of the biblical teachings concerning human beings in relation to God, creation, and other humans. Attention will be given to the understandings of anthropology in the teachings of several major theologians of the church. Contemporary views of human nature will be discussed and evaluated. Prerequisite: CMS 120.

CMS 251 – Professional Orientation (3) Students will focus on their call to ministry, examining personal growth and commitment. Goal setting, time and financial management, and strategic planning will be emphasized, with special attention given to the challenge of learning to adapt to different leadership styles, church decision making, etc. Students will learn to write a professional resume.

CMS 301 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. Pre/Co-requisite: CMS 120.

CMS 302 Models of Youth Ministry (3) This course is an overview of different ministry models with a pragmatic approach to successful program design and implementation. Fundamental elements of administration and management will be explored. Pre/Co-requisite: CMS 120.

CMS 305 Principles of Youth Camping (3) This course is the study of the biblical/theological basis for ministry beyond the church walls for new generations in the "owned" stage of faith development. The student will gain skills and knowledge necessary to plan, implement, and assess off-site camping ministry events, and to biblically interpret the message of the cosmos. Topics will include risk management, transportation, legal and liability concerns, insurance, first aid and medical

concerns, preparations, equipment, food, locations, wilderness ethics, sexuality issues, relevant recreational activities, and spiritual guidance. Special emphasis is placed on a biblical doctrine of nature, the “witness of creation,” and the wilderness experience as curriculum. The highlight of the course will be a laboratory experience. Pre/Co-requisite: CMS 120.

CMS 306 Pastoral Ministry (3) An introduction study of the principles and practices of pastoral leadership in the local church, this course will examine of the nature and tasks of Christian leadership, with an emphasis on the multiple roles of pastoral ministry. Pre/Co-requisite: CMS 120.

CMS 307 Church Administration (3) This course is a survey of effective methods of administration within the local church context. The wide range of differences in church polity and decision making will be examined. Contemporary corporate management models applied to church life will be considered. Pre/Co-requisite: CMS 120.

CMS 310 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. Pre/Co-requisite: CMS 120.

CMS 311 Church History: Early Church Fathers to the Reformation (3) This course consists of historical and critical studies of the history of the Christian church, from the second century A.D. to the Reformation. Pre/Co-requisite: CMS 120.

CMS 312 Church History: Renaissance and Reformation (3) This course consists of historical and critical studies of the historical and critical study of the history of the Christian church during the era of the Renaissance and the Reformation. Pre/Co-requisite: CMS 120.

CMS 315 Doctrine of Creation (3) This course seeks to uncover the biblical teachings and historic theologies regarding the origins, worth, meaning, and purposes of the material order. Particular attention is given to the biblical relationship of nature to God and humanity. The development of the human understanding and Judeo/Christian worldview of the natural world is traced through Jewish and Church history as unfolded in the areas of liturgy, hymnody, and worship. Pre/Co-requisite: CMS 120.

CMS 321 – Doctrine of the Triune God (3) The doctrine of God the Father, God the Holy Spirit, and God the Son, each considered from the perspectives of biblical, historical, and systematic theology, with special attention to current issues will be examined. Pre/Co-requisite: CMS 120.

CMS 330 New Testament Book Study (3) A study of a selected book in the New Testament based on the English text will be conducted. (May be taken more than once for credit if a different book is studied). Pre/Co-requisite: CMS 120.

CMS 340 Old Testament Book Study (3) A study of a selected book in the Old Testament based on the English text will be conducted. (May be taken more than once for credit if a different book is studied.) Pre/Co-requisite: CMS 120.

CMS 348 Youth and Family Ministry (3) A comprehensive examination of the adolescent in context with the family

dynamic, this course will not only examine the traditional home but will also investigate the non-traditional home. Special attention will be given to providing strategies and resources to parents. Additionally, special attention will be given to enable the student to develop skills needed in identifying and connecting with “at risk” children. Special attention will be given to behavior and learning disorders, conflict resolution, temperament, and group dynamics. Pre/Co-requisite: CMS 120.

CMS 350 Evangelism and Discipleship in Youth Ministry (3) This course explores and evaluates techniques in evangelism with special attention given to “campus ministry,” working with school officials, and legal issues. Additionally, principles and methods of developing spiritual maturity will be examined, with special emphases on curriculum development and interactive, learner based teaching. Pre/Co-requisite: CMS 120.

CMS 351 Leadership Development (3) This course offers an overview of basic leadership principles as applied to Christian ministry, formulating an organized system of recruitment, accountability, training, encouragement, motivation, and vision casting. Pre/Co-requisite: CMS 120.

CMS 380 Special Topics This course is a concentrated study of topics relevant to the preparation for ministry. For example, courses in traditional and contemporary worship may be offered. This course may be repeated. Prerequisites will be noted in the course listing. Pre/Co-requisite: CMS 120.

CMS 460 Pastoral Ministry Internship (3) This internship will allow the student to partner with a local pastor, both observing and doing ministry in the context of a local congregation, thus facilitating a mentoring relationship as well as enhancing the student’s skills and spiritual giftedness. It will be a supervised field experience at an approved site. Pre-requisite: Permission.

CMS 461 Youth Ministry Internship (3) This internship will focus on both the programming and leadership aspects of Youth Ministry and is a supervised field experience at an approved site. Pre-requisite: Permission.

CMS 462 Worship Arts Internship (3) This internship will focus on the design and implementation of worship ministry programming and leadership in a supervised field experience at an approved area church. Pre-requisite: Permission.

CMS 470 Missions Internship/Laboratory (3) In addition to a review of Christian missions, this course places students in actual missions settings for “hands on” laboratory experience. The exact location will be determined according to individual student vocational expectations. Prerequisite: Permission.

ALL-COLLEGE

COL 051 Fundamentals of Reading (3) This course reintroduces the student to basic reading concepts, as well as provides a refresher course of study. By assignment.

COL 052 Fundamentals of Writing (3) This course reintroduces the student to basic writing concepts, as well as provides a refresher course of study in other areas of English, including sentence structure, spelling, and punctuation. Placement through examination.

COL 053 Fundamentals of Mathematics (3) This course reintroduces the student to basic math concepts, as well as provides a refresher course of study. By assignment.

NOTE: Students assigned to the courses listed above will be required to complete 128 semester hours of credit toward their degree completion in addition to the credits earned from these fundamental courses.

COL 111 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.

COL 150 Keyboarding Basics (1) This course offers keyboarding mastery, reinforcement of the English language, and the ability to think and key simultaneously at an average rate of 25 words a minute with two or fewer errors per minute. The course provides instruction in developing the basic keyboarding skills needed to key alphabetic, numeric, and special symbol characters, as well as teaching the skills needed to use a 10-key numeric keypad is offered.

COL 170 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. Offered each semester.

COL 350 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 450 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).

COMMUNICATIONS

COM 105 Group Dynamics and Effective Speaking (3) (GE) 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, the phonetic alphabet, and group dynamics. Students will be required to make a series of formal and informal presentations in class.

COM 110 Fundamentals of Oral Communication (3) (GE) 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.

COM 115 Sportcasting (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.

COM 120 American Dialect for International Students (3) This course is for international students for whom English is a second language. The course will assist them in learning general American sounds, words, and phrases. In addition, the course will increase English vocabulary to an acceptable level. Emphasis will be placed on reading from textbooks and for pleasure.

COM 130 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.

COM 135 Intro. 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.

COM 151 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. Prerequisite: COM 130 or COM 135 or both concurrent.

COM 154 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. Prerequisite: COM 130 or COM 135 or both concurrent.

COM 233 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.

COM 235 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.

COM 242 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. Prerequisites: COM 130 or COM 135, ENG 170.

COM 256 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. Prerequisite: COM 154, and COM 130 or COM 135.

COM 291 Writing for Publication (3) This course offers an intensive workshop in writing and publication. Major project is the creation of student publications. Students will research, write, design, and edit this publication. Prerequisite: ENG 170.

COM 292 Editing for Publication (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. Prerequisites: ENG170, and COM135 or COM130 and COM242.

COM 300 Writing for Converged Media (3) Reporting, writing and editing for the Internet will be practiced in this course including instruction in the latest formats for converged media, with practical application through the production of electronic publication of the student newspaper. Special focus on blogs, podcasts, reader forums and content management. Prerequisites: ENG 170, COM 135, COM 242, COM 291.

COM 301 Applied Mass Communication (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. Assignments include the following: Radio (prerequisites: COM 130, COM 151) Video (prerequisites: COM 130, COM 154, COM 256) Public Relations (prerequisites: COM 130, COM 242) Sports Information (prerequisites: COM 130, COM 242).

COM 302 Seminar in Professional Practice and Ethics (3) Class discussions include ethical questions within the communications industry and the effects of media on society. In addition to lectures and material from the text, the course will include guest speakers, films/videos in which media ethics play an important role, and group exercises designed to stimulate moral imaginations. Prerequisites: ENG 170, COM 130, and junior standing.

COM 303 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. Prerequisites: ENG 170.

COM 304 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. Prerequisites: COM 130 or COM 135 and COM 151 or COM 154 and COM 242, and ENG 170.

COM 305 Desktop Publishing (3) This course is a hands-on exploration of computer assisted techniques of editing, design, graphic production and layout of publications. Study will include magazines, newspapers, brochures, yearbooks, and other business publications. Lab fee.

COM 306 Advanced News Gathering (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. Prerequisites: COM 130 or COM 135, COM 151 or COM 154, COM 242, and ENG 170.

COM 307 Writing for the Electronic Media (3) This laboratory course examines the techniques and forms of script writing for all types of electronic media. Prerequisites: ENG 170, COM 130, and COM 151 or COM 154.

COM 308 Applied Journalism (1-3) With staff assignments in campus-related print and Internet media with a term involvement of 45-70 work hours, this course is designed to give students practical experience in journalism. Repeatable. Assignments include the following:

Newspaper (prerequisites: ENG170, COM135, COM242, COM291, COM305).

Internet (prerequisites: COM135, COM242, COM 300).

COM 315 Argumentation and Debate (3) This course is the study of the argumentation process and its usage in daily communications, advertising, politics, and speech writing. Debate includes selection and development of material for presentation in the formal debate. Formal debate techniques are examined as well as procedures for organizing and coaching debate teams. Prerequisite: ENG 170.

COM 320 Digital Imaging (3) This course explores the use of digital imaging applications. Topics such as scanning, image correction and manipulation, resolution and color space requirements, and production practices will be covered. Students will become familiar with the tools, palettes, menus, and creative capabilities of the software. This class will utilize lecture, demonstration, discussion, and hands-on experiences. Lab fee.

COM 321 Vector Graphics (3) This course explores the use vector based illustration applications. Students will become familiar with the tools, palettes, menus and creative capabilities of the software. This class will utilize lecture, demonstration, discussion, and hands-on experiences. Lab fee.

COM 325 Integrated 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: \$30. Prerequisites: Permission or ENG 170, COM 135, COM 242, COM 305 and COM 151 or COM 154.

COM 327 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: ENG 170.

COM 334 Web Design (3) This course is lab-based and focuses on the development of web content guided by sound theoretical practices and adherence to current web standards. Due to the highly dynamic nature of this subject, specifics of the course evolve between semesters; however coverage of XHTML, CSS, and JavaScript should be expected. Lab fee. Prerequisite: COM 233 or permission.

COM 335 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. Prerequisites: COM 327 and ENG 170.

COM 340 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-26's coverage of Lindenwood Athletics, and the scheduled assigned work will be determined by the Lindenwood Athletic calendar. Prerequisites: COM 130 and COM 154.

COM 341 Television Sports Production II (3) An experiential study in the intermediate skills of sports television production and broadcasting from planning to post-production, this course is offered in conjunction with LUTV-26's coverage of Lindenwood Athletics, and the scheduled assigned work will be determined by the Lindenwood Athletic calendar. Prerequisites: COM 130, COM 154 and COM 340.

COM 342 Television Sports Production III (3) An experiential study in the advanced skills of sports television production and broadcasting from planning to post-production, this course is offered in conjunction with LUTV-26's coverage of Lindenwood Athletics, and the scheduled assigned work will be determined by the Lindenwood Athletic calendar. Prerequisites: COM 130, COM 154, COM 340, and COM 341. May be repeated with departmental permission.

COM 343 Television News Production I (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. Course work includes both in-studio and field production. Prerequisite: COM 130 and COM 154.

COM 344 Television News Production II (3) An experiential study in the intermediate skills of television news production, this course combines theory and practice as students learn news writing, producing, directing, and performing. Course work includes both in-studio and field production. Prerequisites: COM 130, COM 154 and COM 343.

COM 345 Television News Production III (3) An experiential study in the advanced skills of television news production, this course gives students the opportunity to learn the complexities of managing and scheduling crews by serving as an Executive Producer. Course work includes both in-studio and field production. Prerequisites: COM 130, COM 154, COM 343, and COM 344. May be repeated with departmental permission.

COM 346 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. Course work will include producing television broadcasts of Lindenwood theatre and musical presentations. Prerequisite: COM 130 and COM 154.

COM 347 Television Fine Arts Production II (3) This course is an experiential study in the intermediate skills of television fine arts production. Emphasis is given to the special lighting and

audio needs of staged artistic presentations and the importance of production planning. Course work will include producing television broadcasts of Lindenwood theatre and musical presentations. Prerequisites: COM 130, COM 154 and COM 346.

COM 348 Television Fine Arts Production III (3) This course is an experiential study in the intermediate skills of television fine arts production and gives students the opportunity to learn the complexities of managing, scheduling crews, and working with theatrical producers. Course work will include producing television broadcasts of Lindenwood theatre and musical presentations. Prerequisites: COM 130, COM 154, COM 346, and COM 347.

COM 351 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.

COM 352 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. Prerequisites: COM 130 and COM 151.

COM 354 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. Prerequisites: COM 130, COM 154 and COM 307.

COM 357 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. Prerequisites: COM 130 and COM 154.

COM 360 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. Prerequisites: ENG 170, COM 130, COM 151, COM 154, and junior standing.

COM 370 History of Film (3) (CC) 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, Eisentein, Truffaut, Bergman, Kurosawa, and others. Open to all students. Prerequisites: ENG 170.

COM 386 Special Topics (1-3) This course is designed to offer a variety of topics in Communication and Multimedia. May be

repeated as topics vary. Lab fee may be required. Prerequisite: COM 130 or permission.

COM 390 TV 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. Prerequisites: COM 130 or COM 135 and ENG 150, ENG 170, COM 154, COM 242, and COM 304 (or permission).

COM 391 Advanced Writing for Publication (3) This course is an intensive workshop in writing and publication. This course meets concurrently with COM 291/292; however, 391 students are given more advanced assignments and greater responsibilities. The course may not be repeated. Prerequisite: COM 291 or 292 and instructor's permission.

COM 401 Mass Communication 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. Prerequisites: Completion of 12 credits in Communication.

COM 405 Advanced Page Layout (3) This advanced class focuses on the design and production aspects of page layout software. This lab-based class will include the study of typography, page design, and page architecture. The use of CMYK and paper selection will be reviewed. At the conclusion of this class, the student will be able to conceptualize, design, produce, and develop specifications for a wide variety of pre-press demands. Additional topics may include: preparing projects for Web-based and paper-based distribution, building self-contained high and low resolution files. Lab Fee. Prerequisites: COM 305.

COM 427 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. Prerequisites: COM 327, ENG 170.

COM 435 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. Prerequisites: COM 305 or permission of instructor.

COM 443 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. Prerequisites: COM 334 or by permission.

COM 444 Web Application Development (3) This course is lab-based and focuses on advanced web scripting techniques. Emphasis is given to the use of application servers, database

integration, and dynamic page generation. Due to frequent changes in technological trends, new technologies will be integrated into the course as demands for such skills emerge. Lab Fee. Prerequisites: COM 233 and COM 443 or by permission.

COM 445 Professional Journalism Practicum (3) Students practice journalism skills in a professional setting under the supervision of a Journalism Program instructor. Assignments are designed for use at professional media outlets, involve onsite instruction and require a professional commitment and performance, resulting in professional experience and a deeper understanding of realistic applications of accumulated knowledge. Prerequisites: ENG170, COM 135, COM 242, and COM 151 or COM 154, 3.0 GPA, junior standing and permission of instructor.

COM 450 Communication 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. Prerequisites: COM 301 (for Mass Communications majors), junior standing, minimum 3.0 GPA. Repeatable with department permission.

COM 460 Senior Communication Seminar (3) An examination of the relationship between communication theory and the evolution of the communication industry will be viewed from the perspective of a future communication professional. Students will write corporate memos, position papers, and a business proposal, as well as make oral presentations. Portfolio, Emphasis Projects, and résumé materials will be evaluated, revised, and focused. Students must pass a comprehensive examination of their major requirements in order to successfully complete this class. Prerequisites: ENG 170, COM 130, COM 302 and senior standing.

COM 465 Journalism Capstone (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. Prerequisites: Journalism major and senior standing.

COMPUTER SCIENCE

CSC 100 Introduction to Computer Science (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 provide the student with an overview of computer operations to include the operating system, basic networking, and telecommunications. Other topics covered include number systems, file management, data organization, and an introduction to the C++ programming.

CSC 144 Computer Science I (4) This course is an introduction to problem solving using the C++ programming language. Topics include algorithm and program development, syntax of C++, input/output statements, file I/O, assignment operations, conditional statements, iteration statements, functions, and single dimensional array processing. Additional topics may be added if time permits. Prerequisite: Credit or concurrent enrollment in CSC 100.

CSC 184 Computer Science II (4) This course is a continuation of CSC 144. Topics include multidimensional array processing, character manipulation, elementary searching and sorting techniques, structures, and classes to include overloading, and pointers. Prerequisite: CSC 144 with a grade of C or better.

CSC 221 Language Workshop (3-4) A workshop in one of several programming languages available, topics include the structure of programs, control structures, functions, data types, string operations, and special topics appropriate to the language being studied. Students write several programs in the selected language during the course of the workshop. This course may be repeated for credit. Languages include Scheme, Perl, and FORTRAN. Prerequisite: C or better in CSC 184.

CSC 255 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 the Assembly Language. Prerequisite: Completion of CSC 144 with a grade of C or better.

CSC 305 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 BA 441. Prerequisite: C or better in CSC 184.

CSC 320 UNIX Workshop (3) This course is a workshop in the fundamentals of the UNIX/LINUX operating system. Topics covered will include using shells, text editing, file system structure, file system security, file system processing-processes, electronic mail, networking, shell programming, software development tools, system administration, window managers, and desktop managers. Prerequisite: C or better in CSC 184.

CSC 340 COBOL Programming (3) This course addresses programming in a business-oriented environment and focuses on developing applications for business use. The student will learn how to work with sequential files, control breaks, and data validation, 144 interactive input and output, sequential updates, table processing and index file processing. Prerequisite: C or better in CSC 184.

CSC 360 Data Structures and Algorithms (3) This course continues the study of data structures and algorithms begun in CSC 184. 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. Prerequisites: C or better in CSC 184.

CSC 380 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. Prerequisite: C or better in CSC 184.

CSC 402 Visual Basic Programming (4) This course is designed to give students advanced knowledge of a programming language using the latest version of Visual Basic. Topics include the structure of the language, control structures, functions, data types, Object Oriented Programs, Data Files, Sub Procedures, Accessing databases, and creation of multiple forms, radio buttons, check boxes, drop down lists, scroll bars, list boxes, and combo boxes. May be repeated for credit in different languages. Prerequisite: C or better in CSC 184.

CSC 403 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. Prerequisite: C or better in CSC 255.

CSC 405 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. Prerequisite: C or better in CSC 184.

CSC 406 Operating Systems (4) This course covers the theory and practice of modern operating system design. Topics include processor scheduling and management, memory management techniques, file systems, virtual memory, I/O and secondary storage scheduling, deadlock, concurrency, and security issues. Prerequisite: C or better in CSC 255.

CSC 408 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. Prerequisites: C or better in CSC 184 and 360.

CSC 409 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. Prerequisite: CSC 360 plus 6 credit hours of CSC courses numbered 300 or higher.

CSC 410 Java Programming (4) This course is designed to give the student advanced knowledge of a programming language using Java. Emphasis will be on the fundamental syntax and semantics of Java for applications and Web applets. Additional topics include variables, data types and expressions, control structures (branching and looping), programmer-defined classes, arrays, graphical user interfaces, and accessing databases as a back end. Prerequisite: C or better in CSC 184.

CSC 425 Advanced Database Design (3) This course is the continuation of CSC 305. Topics include database application

design, multi-user databases and enterprise database processing. This project-oriented course will include experience in functioning in a project group, meeting users, writing requirements documents, and implementing the requirements document into a functional database. Prerequisites: C or better in CSC 305.

CSC 447 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. Prerequisite: CSC 305.

CSC 451, 452, 453 Cooperative Education in Computer Science (3) These courses give a student the opportunity to earn academic credit in a planned learning process that integrates academic training with supervised work experience. This course may be taken on a pass/fail basis. Prerequisite: Acceptance into the Lindenwood Computer Science Cooperative Education Program.

DANCE

DAN 101 Introduction to Dance (3) (GE) This course is a beginning movement course in dance techniques and styles including elements of modern dance, jazz dance, and ballet. It will help students develop body awareness, flexibility, and creativity. Includes beginning instruction in theory and technique.

DAN 103 Dance Practicum (I) This practicum is open to all students by permission of the dance faculty. Students will participate in public performances as members of various Lindenwood dance groups. May be repeated for credit up to two credits.

DAN 110 Dance As An Art (3) (GE/CC) This course is an introductory course designed to develop the student's ability to enjoy and analyze dance performance through a consideration of dance style, technique, choreography and the role of dance in culture. Lecture course, no dance training necessary.

DAN 203 Dance Practicum (I) This course is open to all students by permission of the dance faculty. Students will participate in public performances as members of various Lindenwood dance groups. May be repeated for credit up to two credits.

DAN 204 Beginning Jazz Dance I (3) Through a variety of warm ups, dance exercises, and extended movement combinations set to contemporary music, students will learn the basic steps and movements of jazz dance. No dance training necessary.

DAN 205 Beginning Jazz Dance II (3) This course is a continuation of Beginning Jazz Dance I. Prerequisite: DAN 204 or permission of the instructor.

DAN 209 Beginning Modern (3) This course is an introduction to the basic elements of modern dance techniques and styles.

DAN 211 Beginning Tap Dance I (3) This course is an introduction to basic tap steps and terminology. Tap shoes required.

DAN 212 Beginning Tap Dance II (3) This course is a continuation of Beginning Tap Dance I. Prerequisite: DAN 211 or permission of the instructor.

DAN 220 Beginning Ballet I (3) This course is an introduction to basic ballet steps and terminology.

DAN 221 Beginning Ballet II (3) This course is a continuation of Beginning Ballet I. Prerequisite: DAN 220 or permission of the instructor.

DAN 301 Intermediate Modern Dance I (3) This course emphasizes intermediate modern dance techniques and styles of major choreographers. May be repeated for credit. Prerequisite: DAN 209 or permission of the instructor.

DAN 302 Intermediate Modern Dance II (3) This course is a continuation of Intermediate Modern Dance I. Prerequisite: DAN 301 or permission of the instructor.

DAN 303 Dance Practicum (I) This practicum is open to all students by permission of the dance faculty. Students will participate in public performances as members of various Lindenwood dance groups. May be repeated for credit up to two credits.

DAN 304 Intermediate Jazz Dance I (3) This course offers intermediate study in Jazz dance and musical theatre dance techniques. Prerequisite: DAN 204 or DAN 205 or permission of instructor.

DAN 305 Intermediate Jazz Dance II (3) This course is a continuation of Intermediate Jazz Dance I. Prerequisite: DAN 304 or permission of the instructor.

DAN 306 Intermediate Jazz Dance III (3) This course is a continuation of the Intermediate Jazz Dance sequence. Prerequisite: DAN 305 or permission of the instructor.

DAN 309 Dance Theory and Composition I (3) This course is an exploration of the basic compositional theories of dance through mastery of improvisational movement techniques and the creation of dance compositions. Prerequisite: One semester of modern dance techniques or permission of the instructor. (It is recommended that the course be taken in conjunction with a dance technique course).

DAN 310 Dance Theory and Composition II (3) This course offers continuing study of compositional techniques with emphasis on group dance. Prerequisite: DAN 309 or permission of the instructor.

DAN 311 Intermediate Tap I (3) This course offers continuing study of tap dance and performance styles with an emphasis on musical theatre tap. Prerequisites: DAN 211 and DAN 212 or permission of the instructor.

DAN 312 Intermediate Tap II (3) This course is a continuation of DAN 311 Intermediate Tap I with an emphasis on musical theatre tap. Prerequisite: DAN 311 or permission of the instructor.

DAN 320 Intermediate Ballet I (3) This course offers continuing study of ballet techniques and performance styles. Prerequisite: DAN 220 or DAN 221 or permission of instructor.

DAN 321 Intermediate Ballet II (3) This course is a continuation of Intermediate Ballet I. Prerequisite: DAN 320 or permission of the instructor.

DAN 322 Intermediate Ballet III (3) This course offers continuing study of ballet techniques and performance styles for the advanced intermediate student. Prerequisite: DAN 320 or DAN 321 or permission of the instructor.

DAN 323 Intermediate Ballet IV (3) This course is a continuation of intermediate ballet for the advance intermediate student. Prerequisite: DAN 322 or permission.

DAN 371 Dance in the 21st Century (3) (GE/CC) This course explores the history and role of dance in different cultures around the world. Through video observations, readings and class discussions, students will be exposed to the multicultural influences on dance in today's society. Lecture course, no dance experience necessary. Prerequisite: ENG 170.

DAN 372 Dance Teaching Methods (3) This course is a survey of principles and practices of teaching dance in schools and private studio settings. Prerequisite: DAN 320, DAN 321, DAN 304 and DAN 305 or permission of the instructor.

DAN 375 University Dance Ensemble (1) Lindenwood University Student Dance Ensemble will focus on choreography and performance, including public performances on campus and in various off-campus venues (schools, community centers, etc.) as well as offer workshops and community outreach. Repeatable for credit. Prerequisite: audition only.

DAN 401 Advanced Modern Dance I (3) Further exploration of modern dance techniques and performance styles will be explored in this class. This course may be repeated for credit. Prerequisite: DAN 301 or permission of instructor.

DAN 402 Advanced Modern Dance II (3) This course is a continuation of Advanced Modern Dance I. Prerequisite: DAN 401 or permission of the instructor.

DAN 403 Dance Practicum (I) This practicum is open to all students by permission of the dance faculty. Students will participate in public performances as members of various Lindenwood dance groups. May be repeated for credit up to two credits.

DAN 404 Advanced Jazz Dance I (3) This course offers further exploration of jazz dance techniques and performance styles. May be repeated for credit. Prerequisite: DAN 304, DAN 305, DAN 306 or permission of instructor.

DAN 405 Advanced Jazz Dance II (3) This course is a continuation of Advanced Jazz Dance I. Prerequisite: DAN 404 or permission of the instructor.

DAN 406 Advanced Jazz Dance III (3) This course serves as the final course in the Jazz dance sequence. Prerequisite: DAN 405 or permission of the instructor.

DAN 411 Advanced Tap I (3) This course offers advanced studies in tap dance techniques. Repeatable for credit. Prerequisite: DAN 311 or DAN 312 or permission of the instructor.

DAN 412 Advanced Tap II (3) This course serves as the final course in the tap dance sequence. Prerequisite: DAN 411 or permission of the instructor.

DAN 420 Advanced Ballet I (3) This course offers advanced

studies in ballet with emphasis on technique and performance style. Prerequisite: DAN 323 or permission of instructor.

DAN 421 Advanced Ballet II (3) This course is a continuation of Advanced Ballet I. Prerequisite: DAN 420 or permission of the instructor.

DAN 422 Advanced Ballet III (3) This course is a continuation of Advanced Ballet II. Prerequisite: DAN 421 or permission of the instructor.

DAN 423 Advanced Ballet IV (3) This course serves as the final course in the advanced ballet sequence. Prerequisite: DAN 422 or permission of the instructor.

DAN 470 Seminar in Dance (3) This course offers advanced studies in dance for students with special interests. Topics may include dance therapy, professional internships, off-campus studies and performance, anthropology, pedagogy, etc. May be repeated for credit as topics vary. Studio fee may apply. Prerequisite: permission of the instructor.

DAN 472 Senior Project (3) Students must complete a senior project determined in conjunction with their advisor. Emphasis may be choreography, performance, history, pedagogy, therapy, or other specialized topic. Studio fee may apply. Prerequisite: permission of the instructor and senior standing.

EARTH SCIENCES

See page 82 of this catalog for the course descriptions of all ESC courses.

SPECIAL EDUCATION

EDS 302 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 341.

EDS 318 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, mental retardation, 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 341.

EDS 326 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 318.

EDS 333 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 341.

EDS 337 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. Prerequisites: EDU 341.

EDS 340 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 341.

EDS 350 Practicum for Teaching Children with Disabilities in Cross-Categorical Settings (1-3) This course is required concurrently for students enrolled in EDS 326 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 326. 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 341.

EDS 357 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. Prerequisites: EDU 322, 312, and two college mathematics courses.

EDUCATION

EDU 110 Orientation to Educational Experiences (3) This course offers a general introduction to the area of education and schooling. All students planning to teach are required to take this course before or in conjunction with their first education course(s). Classroom observation is required. A Criminal Record Check is required for a nominal fee. Students will also pay a site license fee for their portfolio.

PSY 201 Psychology of Adolescence (3) The student will examine the physical, intellectual, emotional, and social development during the period of adolescence. Research studies are given special attention in studying the development of a sense of personal identity, changing roles in family, school and community, and problems of adjustment, delinquency and drug abuse. A prior course in psychology is desirable.

EDU 246 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.

EDU 247 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.

EDU 274 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.

EDU 275 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.

EDU 293 Education Praxis Review (3) This class is designed to help students prepare for the Praxis II exam required for Missouri Teacher Certification. Students will become familiar with Praxis test specifics, including, Praxis testing formats, Praxis 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.

EDU 303 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. Prerequisites: EDU 110.

EDU 304 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. Prerequisites: EDU 110.

EDU 305 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. Prerequisites: EDU 303 and EDU 322.

EDU 306 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. Prerequisites: EDU 303 and EDU 322.

EDU 307 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 321 or concurrent registration.

EDU 309 Analysis and 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. This course is to be taken concurrently with or prior to EDU 399 to meet elementary and middle school education degree program requirements. Prerequisite: EDU 305 or 307.

EDU 310 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: EDU 322.

EDU 311 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: EDU 322.

EDU 312 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. Prerequisites: EDU 322 and two university level mathematics courses.

EDU 313 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. Prerequisite: EDU 322.

EDU 314 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. Practicum experience is a major part of this course. Prerequisite: EDU 317.

EDU 316 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: Junior standing.

EDU 317 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.

EDU 319 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: EDU 322.

EDU 320 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. Prerequisite: Junior standing, EDU 110.

EDU 321 Middle/High School Classroom Teaching and

Management (3) This course covers techniques and procedures applicable to effective teaching, planning for instruction, practicing specific micro-teaching skills, techniques of classroom management, and discipline at the middle and secondary education levels. Prerequisites: EDU 303 and EDU 304.

EDU 322 Elementary Classroom Teaching and Management

(3) This course covers techniques and procedures applicable to effective teaching, planning for instruction, practicing specific micro teaching skills, techniques of classroom management, and discipline at the elementary education level. Prerequisites: EDU 303 and EDU 304.

EDU 323 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. Prerequisite: EDU 322.

EDU 324 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.

EDU 325 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 and evaluate 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 317.

EDU 327 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.

EDU 329 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.

EDU 330-340 Methods of Teaching a Specialty Subject (3) This course addresses problems of teaching the specialty subject in middle and high schools. New materials and methods are examined, implemented, and evaluated. Prerequisite: EDU 321. Subjects available include the following:

- 330 Science
- 331 Mathematics
- 332 Modern Languages
- 333 Art (Dance)
- 334 English
- 335 Social Studies
- 336 Business Education
- 337 Speech & Theatre
- 338 Music
- 339 Industrial Education
- 340 Physical Education

EDU 341 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 110, EDU 321 or EDU 322.

EDU 345 Childhood Health, Nutrition & Safety (3) This course focuses on health, nutritional requirements, safety precautions, first aid techniques, and emergency procedures of the young child. Prerequisites: EDU 301 and 302 or 303.

EDU 351 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 317.

EDU 359 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 110.

EDU 365 Coordination of Marketing (3) This course is designed to prepare the student to plan, organize, deliver, supervise, and evaluate a variety of community-based experiences.

EDU 366 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.

EDU 367 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.

EDU 373 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 380 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 380) concurrently with EDU 321 or EDU 322. Prerequisite: EDU 303 and EDU 304.

EDU 385 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 110.

EDU 386 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. Prerequisite: EDU 110.

EDU 387 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 110.

EDU 388 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 110.

EDU 394 Marketing Field Experience I (3) This will provide an opportunity for the student to closely study the area of marketing through participation with an 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.

EDU 395 Marketing Field Experience II (3) This course is a continuation of EDU 394. The student will continue to accumulate hours toward fulfilling the state requirements for certification. Requirements for this course include a 500 hour internship.

EDU 396 Marketing Field Experience III (3) This course is a continuation of EDU 395. 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.

EDU 397 Marketing Field Experience IV (3) A continuation of EDU 396. The student will continue to accumulate hours toward the state requirement for certification. Requirements for this course include a 500 hour internship.

EDU 399 Practicum: Analysis and Correction of Reading Disabilities (2) This course is required for students working towards completion of an elementary or middle school degree and taken concurrently with EDUC 309 or the following semester. Working with regular classroom teacher and remedial teacher in a school setting, students will apply the testing and remediation techniques taught in EDU 309. 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 305 or 307.

EDU 410 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. Course registration must be approved by the Council of Teacher Education. 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. A student teaching fee is required. In addition to enrolling for the student teaching course, an application must be submitted to the Education Division by the end of the preceding January for summer and fall student teaching experience and by the end of the preceding August for the spring student teaching experience. Students must successfully complete the Praxis exam prior to a student teaching placement being sought.

ENGINEERING

EGR 309 Computer Aided Design (CAD) (3) This course is

an introduction to computer-aided design using AutoCAD. Prerequisite: CSC 100 or BA 240.

EGR 331 Engineering Mechanics I–Statics (3) 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. The course also treats friction, moments of inertia and principles of virtual work. Prerequisites: MTH 271 and PHY 301.

EGR 332 Engineering Mechanics II–Dynamics (3) This course begins with a review of vector algebra, vector calculus, kinematics of a particle, work and energy, and impulse and momentum. This is followed by a treatment of kinematics of rigid bodies, general theorems for systems of particles, kinetics of rigid bodies and the inertia tensor. Prerequisites: PHY 301 and MTH 303 or concurrent enrollment.

EGR 361 Circuit Theory I - (4) This course treats circuit basics, Kirchoff's laws, independent and dependent sources, circuit simplification techniques, Thevenin and Norton theorems, nodevoltage and current-mesh techniques, operational amplifiers, and RL, RC and RLC circuits and sinusoidal steady-state analysis. Prerequisite: C or better in MTH 272 and PHY 301. Lab fee.

EGR 362 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. Prerequisite: EGR 361. Lab fee.

ENGLISH

ENG 100 Foundations of Writing (2) The course reintroduces the student to basic writing concepts as well as provides a refresher course of study in other areas of English, including sentence structure, spelling, and punctuation. Placement through examination.

ENG 110 Effective Writing (3) The course prepares students for ENG 150. A variety of approaches, including skill-based tutorials, journal writing, reader response, drafting, peer response, and revision will be employed to focus on strengthening competence and confidence in writing ability. Smaller, seminar-style class sessions will facilitate intensive, customized attention to foster writing strengths while successfully addressing areas for improvement. Prerequisite: Students will be placed in ENG 110 based upon an assessment of their writing skills. A writing assessment is part of their initial registration process.

ENG 150 English Composition I (GE) (3) 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. In order to advance to ENG 170, students must earn a "C" or above in ENG 150. Prerequisite: Students will be placed in ENG 150 based upon an assessment of their writing skills. A writing assessment is part of their initial registration process.

ENG 170 English Composition II (GE) (3) 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: ENG 150.

ENG 200 Introduction to Literature (3) This course is an introduction to the reading and analysis of literature; the semester's work will involve extensive reading in one of the following genres: poetry, short fiction, novel, drama, or essay.

ENG 201 World Literature I (3) (GE/CC) 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: ENG 170.

ENG 202 World Literature II (3) (GE/CC) 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: ENG 170.

ENG 210 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 open to all students. It also prepares students to retake the Writing Proficiency Assessment.

ENG 211 Introduction to Creative Writing (3) Students will learn and practice the skills required in poetry, narrative fiction, and creative non-fiction. Prerequisite: ENG 170.

ENG 212 Introduction to Technical and Professional Writing (3) This course introduces the problem-solving skills and forms required in technical and professional writing. Prerequisite: ENG 170.

ENG 216 Comedy: Its Origin and Development (3) (GE/CC) This course investigates the nature of laughter and the function of comedy in society. Lover or scoundrel, the comic hero is the "wise fool" upholding basic human values of mirth and pleasure in a society caught up in its own complacency. Papers and projects may deal with topics such as the Feast of Fools, Mardi Gras, clowns and jesters, vaudeville, and comedians of the silent film. Prerequisite: ENG 170.

ENG 235 American Literature I (3) (GE) This course is a survey of American writing from the colonial frontier to 1890 with emphasis on the struggle of New World writers to develop distinctive American themes and characters arising from the conquest of a virgin continent. Prerequisite: ENG 170. Suggested prerequisite or concurrent enrollment: HIS 105.

ENG 236 American Literature II (3) (GE) 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: ENG 170. Suggested prerequisite or concurrent enrollment: HIS 106.

ENG 276 African-American Literature (3) (GE) This course includes pre-emancipation slave narratives, spirituals, poetry,

and essays; and post-emancipation poetry, song, autobiography, prose, and drama. The course examines works from a selection of African-American authors; considers some of the ways these writers defined themselves, their culture, their "America"; discloses some of the obstacles they met; and discusses criticism of a "Black" aesthetic. Prerequisite: ENG 170.

ENG 278 Latino Literature (3) (GE/CC) 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: ENG 170.

ENG 280 Selected Topics in Literature (3) 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: ENG 170.

ENG 291 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: ENG 170 and permission of the instructor.

ENG 292 Introduction to 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: ENG 211.

ENG 302 Advanced Writing and Research (3) This course is an introduction to library reference materials as well as to the skills of finding information regarding topics of individual interest and general knowledge. Students complete bibliographies and papers in their areas of interest. Prerequisites: ENG 150, 170 or the course may fulfill the ENG 170 requirement with recommendation of the English Department.

ENG 304 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. Prerequisites: ENG 170 and junior standing.

ENG 305 British Literature I (3) (GE) 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. Prerequisites: ENG 170 and one 200-level literature course.

ENG 306 British Literature II (3) (GE) This course is a continuation of English 305 covering 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. Prerequisites: ENG 170 and one 200-level literature course.

ENG 309 The English Novel (3) (GE) This course is a study of selected novels from the eighteenth century to the early 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. Also included is an account of the forerunners of the novel in the narrative tradition since the Homeric era. Prerequisites: ENG 170 and one 200-level literature course.

ENG 310 Modern Fiction (3) (GE) This course is a study of selected novels and short fiction with an emphasis on both American and British works. Consideration will be given to treatment of contemporary problems against a background of modern thought. Prerequisites: ENG 170 and one 200-level literature course.

ENG 311 Advanced Creative Writing (3) Students will learn dramatic structure and practice the skill required to write performable play scripts. Prerequisite: ENG 211 or permission.

ENG 323 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. Prerequisites: ENG 211.

ENG 332 Chaucer (3) (GE) 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. Prerequisites: ENG 170 and one 200-level literature course.

ENG 333 Shakespeare (3) (GE) 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. Prerequisites: ENG 170 and one 200-level literature course.

ENG 335 Modern Drama (3) (GE/CC) This course is a study of directions in modern and contemporary drama from Ibsen to the present, including realistic, naturalistic, symbolist, poetic, expressionist, existentialist, "epic," and experimental plays. Prerequisite: ENG 170 or permission of instructor.

ENG 337 Survey of American Literature (3) (GE) This course is an advanced survey of major writers and movements in American Literature from the colonial period to the present. Prerequisites: ENG 170 and one 200-level literature course.

ENG 338 Medieval English Literature (3) (GE) This course includes readings in Old- and Middle-English literature to 1500 (exclusive of Chaucer). Lyric, narrative, and dramatic works from *Beowulf* to Malory's *Morte D'arthur* are studied in their cultural, literary, and linguistic contexts. Prerequisites: ENG 170 and one 200-level literature course.

ENG 339 Renaissance English Literature (3) (GE) 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. Prerequisites: ENG 170 and one 200-level literature course.

ENG 340 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. Prerequisites: ENG 170 and permission of instructor.

ENG 341 Restoration and 18th-Century Literature (3) (GE) This course includes selected readings in Neo-Classical English

poetry, prose, and drama from the re-opening of the theaters in 1660 through the Augustan Age and the Age of Johnson. Authors include Dryden, Defoe, Gay, Swift, Pope, Johnson, and Sheridan. Prerequisites: ENG 170 and one 200-level literature course.

ENG 342 English Romantic Literature (3) (GE) 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. Prerequisites: ENG 170 and one 200-level literature course.

ENG 343 Victorian Literature (3) (GE) This course examines representative works of English literature from 1832 to 1901. These works are studied in their cultural contexts with special attention given to doubts and hopes raised by the new science, the implications of the Industrial Revolution, and the rise of a new middle-class audience. Prerequisites: ENG 170 and one 200-level literature course.

ENG 345 Folklore and Fables: The Telling of Tales (3) (GE/CC) This course examines the art of storytelling and the role of the storyteller in society. Readings include folk stories from around the world, fairy tales, fables, and parables. Prerequisite: ENG 170.

ENG 347 Topics in American Literature (3) (GE) 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. Prerequisites: ENG 170 and one 200-level literature course.

ENG 350 Myth and Civilization (3) (GE/CC) This course is an introduction to the myths that have been understood as origins of civilization and culture. Readings include tales of creation and myths concerning the origins of organized society. The readings provide information and understanding about the functioning of myth as it survives in the present. Prerequisite: ENG 170.

ENG 351 Modern Poetry (3) (GE) This course is a study of poetry from 1900 to the present, principally English and American but may include selections in translation from other cultures. Readings include poetry representing the growing importance of women and other writers who have not previously been in the mainstream of poetic tradition. Prerequisites: ENG 170 and one 200-level literature course.

ENG 354 Criticism (3) This course examines the major schools of literary theory. Readings will include classic and contemporary texts; students will study the contexts of criticism and apply the theories they learn to various literary texts. Prerequisites: ENG 170 and 6 hours of literature.

ENG 356 Epic and Tragedy: The Hero and the City (3) (GE) This course is a study of works from classical Greek literature focusing on the differences between genres of epic and tragedy and the changes in philosophical, political, and economic conditions that are reflected in the literature. Readings include works by Homer, Aeschylus, Sophocles, and Euripides, as well as selections from Plato and Aristotle concerning poetry and its role in society. Prerequisite: ENG 170.

ENG 358 Writer's Market (1) This course focuses on practical strategies to help students market their work, including how to research various markets and write effective query letters. Prerequisites: ENG 211 and 311.

ENG 372 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. Prerequisites: ENG 170 and junior standing.

ENG 380 Advanced Topics in Literature (3) (GE) 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. Prerequisites: ENG 170, others may vary by topic.

ENG 391 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: ENG 211.

ENG 470 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. Prerequisites: ENG 211 and 311.

ENGLISH AS A SECOND LANGUAGE

See page 82 of this catalog for the course description of all ESL courses.

ENVIRONMENTAL SCIENCE

ENV 450 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 the instructor.

ENGLISH PREPAREDNESS PROGRAM

EPP 052 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" they will have to retake the course next semester. Prerequisite: Non-native Speaker and placement based testing during their initial registration process. Prerequisite non-native speaker.

EPP 054 English Grammar (3) This course is designed for non-native 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 non-native speaker.

EPP 062 Reading and Writing for Non-Native Speakers II (6) This course is designed to further develop reading and writing skill 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" they will have to retake the course next semester. Prerequisite: Non-native Speaker and placement based testing during their initial registration process. Prerequisite non-native speaker, EPP 052.

EPP 064 English Grammar for Non-Native Speakers II (3) This course provides non-native English speakers with additional intensive review of basic English grammar, with emphasis on application of rules through academic reading and writing assignments. Prerequisite non-native speaker, EPP 052.

EPP 110 Academic Writing for Non-Native Speakers (3) This course is designed for non-native English speakers who are not yet prepared to enter ENG English Composition I or EPP English Composition I. This course will focus on developing clear and comprehensible prose in academic writing assignments. Prerequisite non-native speaker.

EPP 120 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 non-native speaker.

EPP 150 English Composition I for Non-Native Speakers (3) This course follows the same general guidelines as other sections of Comp I, 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 non-native speakers. Prerequisite non-native speaker.

EARTH SCIENCES

ESC 100 Physical Geology with Lab (4) (GE) This course focuses on the study of the earth to include its component materials, the physical and chemical changes that take place internally and superficially, 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.

ESC 105 Survey of Geology (3) (GE) This is a non-lab 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.

ESC 110 Introductory Meteorology (3) (GE) 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.

ESC 111 Meteorology Lab (1) (GE) 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 110 or permission of instructor required. Lab fee.

ESC 120 Oceanography (3) (GE) 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.

ESC 130 Introductory Astronomy (3) (GE) 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.

ESC 131 Astronomy Lab (1) (GE) 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 130 or permission of instructor required. Lab fee.

ESC 200 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. Prerequisite: COL 170 or equivalent experience with spreadsheet software.

ESC 310 Environmental Geology (4) This course applies geologic information to the interactions between people and the physical environment, focusing on geologic hazards, resources, environmental health, air pollution, environmental evaluation, and environmental law. Prerequisite: ESC 100.

ESC 390 Special Topics in Earth Science (3) This course will deal with special topics selected from various areas of earth science, either of recent or historical origin. Possible geological subjects will include: hydrology, soils, glaciation, seismicity, vulcanism, etc. Possible meteorological subjects would include: air pollution, climatology, tropical meteorology, arctic meteorology, etc. Prerequisites will vary with topic.

ENGLISH AS SECOND LANGUAGE

ESL 301 Listening and Conversation Skills for Advanced ESL Students (3) International students will learn and practice the skills needed to understand formal and informal spoken English. They will become more aware of how cultural differences may affect communication and they will become more confident in their abilities to communicate effectively with American English speakers in a variety of situations.

ESL 302 Introduction to American Culture (3) This course introduces international students to some of the basic aspects of American life and values, and how they have affected the development of business, politics, government, education, and the family in our society. In becoming more aware of the cultural values of the United States, students will increase their understanding of the values and heritage of their own countries. Reading and discussion skills, vocabulary, comprehension, and writing will be stressed.

ESL 303 Advanced English Workshop, American English (3) Students will study grammar, reading speed and comprehension, vocabulary building, and writing skills are emphasized and develop their ability to analyze college-level readings and to take notes. They will practice writing a variety of short compositions.

EXERCISE SCIENCE

EXS 100 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. Other topics will include psychological and sociological aspects, ethics, race gender, and peer influences. 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 3 (10 hours each) internships. You can choose from areas in cardiac rehab, personal training, corporate fitness, managerial training, physical therapy, accelerated rehabilitation and large group instruction.

EXS 200 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.

EXS 220 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. Prerequisite: Methods of Weight Training (PE 356).

EXS 300 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, developing leaders in the fitness industry, implementation of safety procedures, and business and marketing techniques appropriate to the delivery of new fitness programs. Pre-requisite: Foundations of Sport and Exercise Science (EXS 100).

EXS 310 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. Pre-requisite: Kinesiology of Physical Education (PE 310), Physiology of Exercise and lab. (PE 315 and PE 316).

EXS 390 Testing and Prescription with Lab (4) This course is designed to examine and interpret fitness levels of each individual tested. Fitness testing includes aerobic capacity, flexibility, strength, and body composition through tools such as metabolic

analyzer, VO2 Max, and hydrostatic weight measurements. Pre-requisites: Measurement and Evaluation (PE 305), Physiology of Exercise and Lab (PE 315 and PE 316), Kinesiology of Physical Education (PE 310).

EXS 400 Nutrition for Performance (3) This course includes dietary considerations in weight loss, weight gain, and maintenance. It 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. Pre-requisites: Nutrition (BIO 121), Health and Nutrition (PE 200).

EXS 405 Program Implementation (3) This course is designed to show mastery of all the concepts of exercise components by assessing, developing, and implementing programs and setting goals in different areas and age groups. Aerobic capacity, skill level, sport participation, strength techniques, and individual needs are areas to be covered. Pre-requisite: Exercise Testing and Prescription (EXS 390 Senior Standing).

EXS 420 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. Pre-Requisite: Senior Standing.

EXS 430 Physical Activity for Specific Populations (3) This course will explore the fitness professional's role in planning and implementing fitness programs for special populations. Students will understand the many considerations and limitations of special populations as it relates to their ability to be physically active. Development in children, risk factors in the geriatric population, ethnic and cultural differences, medication and medical conditions, and those with disabilities will be discussed. Pre-Requisite: Senior Standing.

EXS 440 Internships (3-6) This internships will be completed in the area of interest of the student. 50 hours per credit. There is a minimum of 150 hours, maximum of 300. Pre-Requisite: Senior Standing.

EXS 450 Exam Preparation and Lab (4) 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. Pre-Requisite: Minor in Strength and Conditioning.

FASHION DESIGN

See page 50 of this catalog for the course description of all AFD courses.

FOREIGN LANGUAGES

CHINESE

FLC 101 Elementary Chinese I (3) 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.

FLC 102 Elementary Chinese II (3) 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: FLC 101.

FRENCH

FLF 101 Elementary French I (3) (CC) This course employs the oral inductive approach but with concurrent development of all four language skills: listening comprehension, speaking, reading, and writing.

FLF 102 Elementary French II (3) (CC) This course employs the oral inductive approach, but with concurrent development of all four language skills: listening comprehension, speaking, reading, and writing. Prerequisite: FLF 101.

FLF 103/203/303 French Composition (3-4) This course is the beginning and Intermediate French Composition to be taken at the Université de Caen. Student must consult with program advisor for placement.

FLF 104/204/304 Oral French and Phonetics (3-4) Beginning and Intermediate and Advanced oral expressions and phonetics to be taken at the Université de Caen. Prerequisite: Student must consult with program advisor for placement.

FLF 107, 207 Reading Comprehension (4) This course leads to beginning and Intermediate reading comprehension in French to be taken at the Université de Caen. Prerequisite: Student must consult with program advisor for placement.

FLF 120, 220 Listening Comprehension (4) This course leads to beginning and Intermediate listening skills in French to be taken at the Université de Caen. Prerequisite: Student must consult with program advisor for placement.

FLF 201 Intermediate French I (3) (CC) This course consists of reading of modern French prose, review of syntax, and continued practice in oral expression. Further development of all four language skills. Prerequisite: FLF 102 or proficiency exam.

FLF 202 Intermediate French II (3) (CC) This course consists of reading of modern French prose, review of syntax, and continued practice in oral expression. Further development of all four language skills. Prerequisite: FLF 201.

FLF 210 French Phonetics (1-3) 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. Prerequisite: FLF 102. Repeatable for credit.

FLF 306 French Civilization and Contemporary Culture (1-3) This intermediate advanced survey course of French civilization and contemporary culture is taken at the Université de Caen. Prerequisite: Student must consult with program advisor for placement.

FLF 307 Advanced French Grammar (1-3) This advanced grammar course is designed to review and deepen the student's mastery of French grammar so as to facilitate the ability to understand both the written and spoken language. This course is taken at the Université de Caen. Prerequisite: Student must consult with program advisor for placement.

FLF 308 Introduction to French Literature (1-3) This survey of French literary texts from various genres and eras is taken at the Université de Caen. Prerequisite: Student must consult with program advisor for placement.

FLF 309 Special Topics (5) Students placing at more advanced levels at the Université de Caen will select an area of interest in which to take 5 hours of specialized coursework. To be taken at the Université de Caen. Prerequisite: Student must consult with program advisor for placement.

FLF 311 French Conversation and Composition I (3) This course is a systematic grammar review and vocabulary building with readings, oral reports, and written composition on topics of current interest. Prerequisite: FLF 202 or concurrent enrollment, or proficiency at the appropriate level.

FLF 312 French Conversation and Composition II (3) This course is a systematic grammar review and vocabulary building with readings, oral reports, and written composition on topics of current interest. Prerequisite FLF 311.

FLF 320 France: Museums, Monuments and Culture (3) 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 as needed during the January term.

FLF 337 History of French Civilization (3) (CC) 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 FLF 202 or proficiency.

FLF 350 Masterpieces of French Literature to 1800 (3) (CC) Students will analyze readings from selected works of prose, poetry, and drama from the Middle Ages through the 18th century. Taught in French. Prerequisite FLF 311.

FLF 351 Masterpieces of French Literature since 1800 (3) (CC) Students will analyze readings of selected works of prose, poetry, and drama from the 19th century to the present. Taught in French. Prerequisite: FLF 311.

FLF 380 Independent Study (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. This course may be repeated, if circumstances require. Taught in French. Prerequisites FLF 311, 350, 351, and faculty permission.

FLF 400 Seminar on Selected Authors and Genres of French Literature (3) (CC) 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 FLF 311.

FLF 410 Seventeenth-Century French Theatre (3) 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 FLF 311.

FLF 411 Rise of the French Novel (3) 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 FLF 311.

FLF 412 French and Francophone Women Writers (3) 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 FLF 311.

FLF 413 Twentieth-Century French Theatre (3) 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 FLF 311.

FLF 414 French Autobiography (3) 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 FLF 311.

GERMAN

FLG 101 Elementary German I (3) (CC) 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.

FLG 102 Elementary German II (3) (CC) This course is an introduction to the fundamentals of the language and mastery of the basic principles, emphasis on speaking and reading comprehension. Prerequisite FLG 101.

FLG 201 Intermediate German I (3) (CC) 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 FLG 102 or proficiency.

FLG 202 Intermediate German II (3) (CC) This course is a review of grammar and study of linguistic, phonetic, and syntactical

problems by reading and discussion of modern German prose. Prerequisite FLG 201.

FLG 311 German Conversation and Composition I (3) 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 FLG 202.

FLG 312 German Conversation and Composition II (3) 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 FLG 311.

FLG 320 From the Berlin Wall to the Bavarian Alps (3) 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 as needed during the January term.

RUSSIAN

FLR 101 Elementary Russian I (3) (CC) This beginning course is taught by the audio-lingual method in order to master the fundamentals of the language and to develop the four language skills: listening, speaking, reading, and writing.

FLR 102 Elementary Russian II (3) (CC) This beginning course is taught by the audio-lingual method in order to master the fundamentals of the language and to develop the four language skills: listening, speaking, reading, and writing. Prerequisite FLR 101.

FLR 201 Intermediate Russian I (3) (CC) This course reviews the grammatical structures of the Russian language. It is also designed to increase the student's vocabulary and fluency and writing ability through reading and analysis of short literary works and cultural selections. Prerequisite FLR 102 or proficiency.

FLR 202 Intermediate Russian II (3) (CC) This course reviews the grammatical structures of the Russian language. It is also designed to increase the student's vocabulary and fluency and writing ability through reading and analysis of short literary works and cultural selections. Prerequisite FLR 201.

SPANISH

FLS 101 Elementary Spanish I (3) (CC) This beginning course in Spanish is taught by the audio-lingual method, but with concurrent development of all four language skills: listening comprehension, speaking, reading, and writing. Integrated laboratory experience.

FLS 102 Elementary Spanish II (3) (CC) This beginning course in Spanish taught by the audio-lingual method, but with concurrent development of all four language skills: listening comprehension, speaking, reading, and writing. Integrated laboratory experience. Prerequisite: FLS 101.

FLS 201 Intermediate Spanish I (3) (CC) This course is an intensive review course, designed to give the student a command of basic grammatical structures, to increase vocabulary and fluency through reading and through oral and written analysis of short literary and cultural selections. Prerequisite: FLS 102 or proficiency.

FLS 202 Intermediate Spanish II (3) (CC) This intensive review course is designed to give the student a command of basic grammatical structures, to increase vocabulary and fluency through reading and through oral and written analysis of short literary and cultural selections. Prerequisite FLS 201.

FLS 203 Intermediate Spanish Composition and Reading (3) 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: FLS 201.

FLS 237 Costa Rica Through History (3) 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 FLS 201 or permission of instructor.

FLS 311 Advanced Oral Expression and Grammar I (3) This course offers further development in aural comprehension and oral expression through systematic grammar review, reading and analysis of cultural and literary materials and includes group discussion, formal and informal, oral and written presentations. Prerequisite FLS 201 and to be taken concurrently with FLS 202.

FLS 312 Advanced Oral Expression and Grammar II (3) This course offers further development in aural comprehension and oral expression through systematic grammar review, reading and analysis of cultural and literary materials and includes group discussion, formal and informal, oral and written presentations. Prerequisite: FLS 311 or permission of instructor.

FLS 313 Advanced Spanish Composition Workshop (3) 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: FLS 312.

FLS 314 Introduction to Spanish Linguistics (3) This intensive course, taken in Costa Rica, introduces the student the many major linguistic concepts of Spanish linguistics, including phonetics, phonology, morphology, and syntax. The course will also explore the Costa Rican dialects. Prerequisite: FLS 312.

FLS 320 Travel Experience in Spanish-speaking Nations (3) This course is designed to offer the student the opportunity to experience and learn first hand 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. Offered as needed during the January-term.

FLS 335 Peninsular Spanish Culture and Civilization (3) (CC) This course studies the historical, cultural, and folkloric sources of the life and customs of the Spanish peoples. Emphasis on the social, economic, and intellectual life of Spain today. Taught in Spanish. Prerequisite: FLS 202 or proficiency.

FLS 336 Latin American Culture and Civilization (3) (CC) 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: FLS 202 or proficiency.

FLS 337 Costa Rica: History and Society of 19th and 20th Centuries (3) 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: FLS 312 or permission of instructor.

FLS 350 Masterpieces of Peninsular Spanish Literature (3) (CC) Students will analyze readings of selected works of prose, poetry, and drama from the Middle Ages to the present. Prerequisite: FLS 311 or permission of instructor.

FLS 351 Masterpieces of Spanish-American Literature (3) (CC) Students will analyze readings of selected works of prose, poetry, and drama from the Colonial period to the present. Prerequisite: FLS 311 or permission of instructor.

FLS 360 Literature of Costa Rica (3) This intensive course, taken in Costa Rica, will examine works of prose, poetry and drama written by important Costa Rican writers of the 19th and 20th centuries. Students will increase their familiarity with the literature of this country while improving their skills in literary analysis. Prerequisite: FLS 312 or permission of instructor.

FLS 361 Latin American Theater (3) This intensive course, taken in Costa Rica, will introduce the many concepts of drama analysis through reading and analysis of several major Latin American plays. The student will also study the ways these plays reflect the historical context in which they were written and the concepts of various literary movements. Prerequisite: FLS 312 or permission of instructor.

FLS 362 Literature of the Spanish Conquest Period (3) This intensive course, taken in Costa Rica, will examine selected works of the Spanish Conquest period. The analysis of these works will be set in the social and historical contexts in which they were written. Prerequisite: FLS 312 or permission of instructor.

FLS 363 Literature of the Spanish Language: Open Topics (3) This course offers concentrated study and analysis of a genre and its representative authors, their major works and influence. The content of the course is open and may vary to present in rotation different periods of Spanish Literature. Prerequisite: FLS 312 or permission of instructor.

FLS 364 Latin American History in Film (3) This January-Term 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.

FLS 380 Independent Study (3) This course is designed for individualized study of specific topics within the field of Spanish language, culture, and literature, as needed, and in consultation with Spanish faculty. This course may be repeated, if circumstances require. Prerequisites: FLS 311, 350, 351, and faculty permission.

FLS 400 Seminar on Selected Authors and Genres of Spanish and Spanish-American Literatures (3) (CC) 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: FLS 311.

FLS 413 Major Movements in the 19th-Century Spanish Novel (3) 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: FLS 311 or permission.

FLS 415 The 20th-Century Spanish Novel (3) 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: FLS 311 or permission.

FLS 416 The Role of Women in Hispanic Societies (3) 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: FLS 311 or permission.

FLS 418 The Spanish-American Short Story (3) 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: FLS 311 or permission.

FLS 421 The Spanish-American Regional Novel (3) 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*: *Huaspungo*. (Taught in Spanish) Prerequisite: FLS 311 or permission.

GEOGRAPHY

GEO 201 World Regional Geography (3) (CC) 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. Prerequisite: ENG 170 or permission of instructor.

HISTORY

HIS 100 World History: The Human Community (3) (GE) 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.

HIS 105 America: Colony to Civil War (3) (GE) 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.

HIS 106 America: Civil War to World Power (3) (GE) 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.

HIS 200 History of the Contemporary World (3) (GE) 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.

HIS 203 Historical Methods (3) This class examines 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. Prerequisites: HIS 100, HIS 105 or HIS 106, and ENG 170.

HIS 204 The Westward Movement (3) (GE) This course is a one-semester survey of the significance of the West in American national development. It begins with the study of the colonial frontiers and concludes with the closing of the national frontier in the 1890's.

HIS 205 History of Asia (3) (CC) This survey explores the history of South, Southeast, and East Asia from the earliest times to the present.

HIS 206 History of East Asia (3) This survey explores the histories of China and Japan.

HIS 207 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.

HIS 209 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.

HIS 210 - U.S. Government: Politics and History (3) (GE) 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.

HIS 214 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 the end of WWII and moving though 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.

HIS 220 History of Latin America (3) (CC) 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.

HIS 223 The Ancient and Medieval World (3) (CC) 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.

HIS 224 The Medieval World (3) This course examines medieval Asian civilizations, Islam, Byzantium, and the new European civilizations, with a particular emphasis on the growth of Europe out of German and classical elements and the new Western civilization's relationship with the more developed civilizations to the east.

HIS 255 The South in American History (3) This course is a study of the colonial beginnings and expansion of southern life. Major themes are the growth of slavery, establishment of a staple agriculture, the "southern way of life," agrarian politics, relations with other sections, and industrial growth.

HIS 256 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 address such questions as: How have American values shaped these peoples-and how have they dovetailed theirs with those values? How have different people come to live and work together to craft our society as it stands today? How does that give us a greater understanding of our own time? Why have different peoples come to the United States, and what impact have they had on American society? The history of Race in

America will interpret the history of race relations and minority groups in the United States since the end of the Civil War. 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 colors and backgrounds live in America.

HIS 280 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 course schedule.

HIS 301 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 100 or instructor's permission.

HIS 302 Modern Europe (3) This course covers European history from the French Revolution to World War II. Historiography and research based on primary sources are an important part of the course. Prerequisite: HIS 301 or instructor's permission.

HIS 308 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 105 or permission of instructor.

HIS 309 The Foundation of American Democracy, 1800 to 1850 (3) This course is an examination of the United States from the election of 1800 through the compromise of 1850. It deals with the development of slavery, abolition, industrialization, urbanization, migration, women's rights, and the early social reform movements. Prerequisite: HIS 105 or permission of instructor.

HIS 310 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 105 or 106 or permission of instructor.

HIS 312 The Growth of Modern America (3) This course spans American history from the end of Reconstruction (1877) to 1933. 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 106 or permission of instructor.

HIS 314/BA 314 History of American Business (3) (GE) This course examines economic life and institutions since colonial period; special emphasis on United States since 1800. Particular emphasis on economic growth, industrial growth,

entrepreneurship, labor-management relations and unionization, transportation, evolution of commercial agriculture, managerial and organizational development. Prerequisite: HIS 105 or 106, or permission of instructor.

HIS 315 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 105 or 106 or permission of instructor.

HIS 316 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 105 or 106 or permission of instructor.

HIS 320 The American Century (3) This course examines the development of the United States from the Great Depression of the 1930s to the present and the problems of world leadership, changing political alignments, shifting social patterns, emerging minorities, and the concept of the welfare state. Prerequisite: HIS 106.

HIS 322 History of Missouri (3) Missouri stands as a hybrid state: too far west to be eastern, yet not western either; neither northern nor southern, yet with aspects of both. In its unique role as a passage point connecting east and west, Missouri has evolved differently than other states, with a unique mix of attitudes, economic activities, politics, and functions. This course will analyze this development and evolution based on its immigration and transportation patterns, location, economic development, and social evolution.

HIS 329/REL 329 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. Prerequisites: HIS 100, ENG 170 and a minimum of 3 credits in Religion or Philosophy or permission of instructor.

HIS 330 European Intellectual History (3) (CC) Using selections from representative thinkers, this 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 100.

HIS 332 Revolution in the Modern World (3) (CC) This course is a comparative study of the English, American, French, Russian, Chinese, and Iranian revolutions focusing on underlying demographic, economic, intellectual, and political factors in revolutionary change as well as the internal dynamics of revolutions. Prerequisite: HIS 100 or instructor's permission.

HIS 336 The Civilization of Industrialism (3) (CC) This course is an examination of the industrial and scientific revolutions

of the eighteenth and nineteenth centuries and their impact on economic, social, political, and intellectual life in Western Europe in the eighteenth and nineteenth centuries. Prerequisite: HIS 100.

HIS 338 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 100.

HIS 355 Focus on Modern Europe (3) (CC) This multi-disciplinary course on Modern Europe will provide a context for understanding the cultural heritage of the peoples of Europe and how that cultural heritage has shaped that continent's response to the problems of a world in which Europe no longer occupies the central position that it once did. The course will introduce students to recent political, economic, cultural, and demographic trends on the continent which give Europe and its various regions their distinctive cultural identity. Prerequisite: HIS 100 or consent of the instructor.

HIS 380 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. Prerequisites vary by topic and will be noted in course schedule.

HIS 400 Comprehensive Exam (2) Students will demonstrate proficiency in United States, European, and World History via written examinations and in research methods via a written project. For history majors: requires minimum 2.00 GPA in major courses.

INTERNATIONAL STUDIES

INT 400 Senior Tutorial (3) The Senior Tutorial will involve specialized research by each student in a chosen field of interest in international affairs. The student will be required to write a major paper for review and evaluation by selected members of the program faculty. Regular consultation between the student and his/her principal advisor is to take place throughout the tutorial.

LINDENWOOD ORIENTATION

LUL 101 (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.

MATHEMATICS

See page 90 of this catalog for the course description of all MTH courses.

MILITARY SCIENCE (ROTC)

MS 101 Introduction to ROTC (2) Students are encouraged to make their first new peer group at college one committed to achieving excellence and experiencing challenges that build leadership skills and self confidence. Topics/activities includemlife application skills, leadership characteristics, values/

ethics, physical fitness, rappelling, obstacle courses, basic rifle marksmanship, small unit tactics, military map reading and first aid. This class consist of both classroom and field instruction.

MS 102 Introduction to Leadership (2) This class is a continuation of MS 101, but it incorporates combat water survival training, communication skills and Army Heritage. Students reinforce self-confidence through participation in physically and mentally challenging exercises with upper division ROTC students. This class also consists of both classroom and field instruction.

MS 201 Self/Team Development (3) In this class, students learn/ apply ethics-based leadership skills that develop individual abilities and contribute to building effective teams and develop skills in oral presentations, writing concisely, planning events, coordination of group efforts, advanced first aid, land navigation and basic military tactics. Learn fundamentals of ROTC's Leadership Development Program.

MS 202 Individual/Team Military Tactics (3) This course is an introduction to individual and team aspects of military tactics in small unit operations. It includes the use of radio communications, making safety assessments, movement techniques, planning for team safety/ security and methods of pre-execution checks. The course includes practical exercises with upper division ROTC students and skills to learn techniques for training others as an aspect of continued leadership development.

MS 301 Leading Small Organizations I (3) This course consists of a series of practical opportunities to lead small groups, receive personal assessments and encouragement, and lead again in situations of increasing complexity. It uses small unit defensive tactics and opportunities to plan and conduct training for lower division students both to develop such skills and as vehicles for practicing leading.

MS 302 Leading Small Organizations II (3) In this course, students analyze tasks, prepare written or oral guidance for team members to accomplish tasks, delegate tasks and supervise, plan for and adapt to the unexpected in organizations under stress, examine and apply lessons from leadership case studies, and study importance of ethical decision making to set a positive climate to enhance team performance.

MS 401 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.

MS 402 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.

MATHEMATICS

MTH 101 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 earn elective credit but will not satisfy the general education requirement in mathematics.

MTH 110 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 do not have two years of high school algebra should enroll in this course. Counts for elective credit; will not satisfy the general education requirement in mathematics.

MTH 121 Introduction to Contemporary Mathematics (3) (GE) 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. Prerequisites: one year of high school algebra or MTH 101 or MTH 110 with a C or better.

MTH 131 Quantitative Methods for Business (3) (GE) This course is designed to introduce business students to the use of quantitative methods. Topics covered will include solving and graphing linear and 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. Prerequisite: Prerequisites: two years of high school algebra or C or better in MTH 101 or MTH 110.

MTH 134 Concepts in Mathematics I (3) (GE) This course is an introduction to the basic language and concepts of mathematics and is designed for elementary education majors, and students seeking middle school certification in mathematics. Topics include sets, number systems, the real number system, mathematical systems, logic, problem-solving, equations, and inequalities. Prerequisites: one year of high school algebra, or C or better in MTH 101 or MTH 110.

MTH 135 Concepts in Mathematics II (3) (GE) 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; concepts of measure; and motion geometry and tessellations. Prerequisites: one year of high school algebra, or C or better in MTH 101 or MTH 110.

MTH 141 Basic Statistics (3) (GE) 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. Prerequisites: one year of high school algebra or C or better in MTH 101 or MTH 110.

MTH 151 College Algebra (3) (GE) 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. Prerequisites: two years of high

school algebra, or C or better in MTH 110, or permission of the department.

MTH 152 Pre-calculus: Elementary Functions (3) (GE) 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. Prerequisite: C or better in MTH 151 or permission of the department.

MTH 170 Survey of Calculus (3) (GE) This course is a review of algebraic, trigonometric, exponential, and logarithmic functions and their graphs. Topics include limits and continuity; derivatives and integrals of polynomials, rational, exponential, and logarithmic 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. Prerequisite: Two years of high school Algebra AND a minimum ACT math subscore of 26, OR "C" or better in MTH 151.

MTH 241 Statistics for Natural Science(3) (GE) 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). Prerequisites: C or better in MTH 151 or permission of the department.

MTH 271 Calculus I (5) (GE) 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. Prerequisites: C or better in MTH 152 or permission of the department.

MTH 272 Calculus II (5) This course is a continuation of the study of real functions of one variable. Topics include integration, applications of integration, methods of integration, infinite series, and vectors. A graphing calculator is required. Prerequisite: C or better in MTH 271 or permission of the department.

MTH 290 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 271, or taken concurrently by the mathematically mature.

MTH 303 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 272.

MTH 311 Differential Equations (3) This course examines ordinary differential equations and some applications, including first order equations, linear differential equations, Laplace Transform, and series solutions. Prerequisites: C or better in MTH 272. Recommended: MTH 303.

MTH 313 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: MTH 290.

MTH 315 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, eigen value problems, bilinear mappings and forms, diagonalisation. Prerequisite: C or better in MTH 271.

MTH 316 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, eigen value problems, bilinear mappings and forms, diagonalisation. Prerequisite: C or better in MTH 315.

MTH 320 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: C or better in MTH 290.

MTH 321 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 272.

MTH 330 Geometry (3) This course is a careful review of Euclidean geometry of the plane and space, and an introduction to non-Euclidean geometry. Prerequisites: C or better in MTH 290.

MTH 341 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. Prerequisites: Credit or concurrent enrollment in MTH303. Recommended: MTH 241.

MTH 342 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. Prerequisites: C or better in MTH 341.

MTH 351 Numerical Methods (3) This course is the first course in numerical methods, including the solution of linear and non-linear equations, numerical integration and differentiation, the theory of approximation, and the solution of differential equations. Prerequisites: C or better in MTH 311, 315.

MTH 361 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. Prerequisites: C or better in MTH 311, 315.

MTH 380: Interest Theory (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, bond valuation, the effects of inflation, duration and volatility, and immunization. This course covers the topics needed to be successful on Exam FM/2 by the Society of Actuaries and the Casualty Actuaries Society. Prerequisite: MTH 272.

MTH 390: Special Topics in Applied Mathematics (3) Topics offered include preparation for the Society of Actuaries exams, computational biology (bio-informatics), operations research, mathematical finance. Prerequisites: Permission of instructor.

MTH 490 Special Topics in Mathematics (3) Topics to be featured include advanced calculus, differential geometry, complex analysis, field theory, number theory, real analysis. Prerequisite: Permission of instructor.

MUSIC

MUS 100 Fundamentals of Music (3) This course is an introduction to the basic elements of music with an emphasis on rhythmic and melodic notation, scales, keys, and basic harmony. For music and performing arts majors only. Does not meet general education requirement for Fine Arts.

MUS 101 Performance Practicum (1) This course consists of participation in performance under the direction of faculty or outside conductor and generally refers to non-Lindenwood ensembles such as the St. Louis Youth Symphony or the Kirkwood Philharmonic. Prerequisite: Permission. May be repeated for two hours credit.

MUS 104 Private Lessons (1-2) Lessons are available in voice, piano, strings, guitar, wind, brass and percussion instruments. Private lesson fee applies.

MUS 109 The Lindenwood Bands and Orchestra (1) These large instrumental ensembles include: the Lindenwood Golden Lion Marching Band, the Lindenwood Symphonic Band, pit bands, the pep bands, the jazz band, and the Lindenwood Symphonic Orchestra. Additional ensembles may be formed. Students will be allowed to register for upper division sections depending upon their mastery of the material and continued participation in any or all of the ensembles. Prerequisite: permission of instructor. May be repeated for credit. No more than 9 hours will be counted toward total credit hours required for graduation. Instrumental music majors will be required to perform in the band each semester. Exceptions must be approved by the Director of Bands.

MUS 110 The Lindenwood Choirs (1) These choral ensembles include The University Chorus, which is open to all students who wish to participate; Voices Only, an audition ensemble that presents a mix of a cappella styles; and, and the Lindenwood Women's Chorus. Other ensembles may be formed. Student will be allowed to register for upper division sections depending upon their mastery of the material and continued participation in any or all of the ensembles. Prerequisite: permission of the instruction. May be repeated for credit. No more than 9 hours will be counted toward total credit hours required for graduation. Vocal music students will be required to perform in a choral ensemble each semester. Exceptions must be approved by the Director of Choirs.

MUS 112 Instrumental Chamber Music Ensembles (1) This course is open to all students by audition and is repeatable for credit.

Upper division courses are available with instructor's permission and based on mastery, difficulty of the repertoire, and continued participation in the particular ensemble(s). Prerequisite: audition and permission of the instructor.

MUS 113 Vocal Chamber Music Ensembles (1) This course is open to all students by audition and is repeatable for credit. Upper division courses are available with instructor's permission and based on mastery, difficulty of the repertoire, and continued participation in the particular ensemble(s). Prerequisite: audition and permission of the instructor.

MUS 114 Class Piano I (1) This course is for the student with little or no musical background who wishes to learn the basic principles and concepts of reading and playing music.

MUS 115 Class Piano II (1) This course is a continuation of Class Piano I. Prerequisite: MUS 114 or consent of instructor.

MUS 124 Class Voice I (2) This course presents the fundamental principles and techniques of singing.

MUS 125 Class Voice II (2) This course is a continuation of Class Voice I. Prerequisite: MUS 124 or permission.

MUS 131 Music Theory I (4) Review and drill of music fundamentals; notation, clefs, intervals, scales, rhythm and meter; music terms; written and oral construction of triads and seventh chords; analysis and writing of four-part harmony; non-harmonic tones, cadences, figured bass. Sight singing and dictation of melodies and rhythms; intervals and chord quality identification; error detection. Prerequisite: Passing MUS 100 with the grade of C or better or passing the Fundamentals of Music proficiency exam.

MUS 132 Music Theory II (4) A continuation of MUS 131. Four-part harmony incorporating all diatonic chords in all inversions; secondary dominant and secondary leading tone chords. Sight singing and dictation of melodies and rhythms; error detection; modulation to closely related keys; dictation and identification of chromatic harmony. Prerequisite: Passing MUS 131 with the grade of C or better.

MUS 150 Music in America (3) (GE) This course discussed music of America's people, past and present. Surveys the great jazz and folk movements, Broadway musical theatre, film scores, and popular music styles are included. Participants will encouraged to utilize their personal music preferences in various course activities.

MUS 165 Introduction to Music (3) (GE) This course is an introduction to musical structures and notation. Students learn to read and write basic pitch and rhythm notation and are introduced to masterworks of diverse genres. Intended for non-music majors with little or no experience.

MUS 201 Performance Practicum (1) This course offers participation in performance under the direction of faculty or outside conductor and generally refers to non-Lindenwood ensembles such as the St. Louis Youth Symphony or the Kirkwood Philharmonic. Prerequisite: Permission. May be repeated for 2 hours of credit.

MUS 204 Private Lessons (1-2) Lessons are available in voice, piano, strings, guitar, wind, brass, and percussion instruments.

Private lesson fee applies.

MUS 209 The Lindenwood Bands and Orchestra (1) These large instrumental ensembles include the Lindenwood Golden Lion Marching Band, the Lindenwood Symphonic Band, pit bands, the pep bands, the jazz band, and the Lindenwood Symphonic Orchestra. Additional ensembles may be formed. Students will be allowed to register for upper division sections depending upon their mastery of the material and continued participation in any or all of the ensembles. Prerequisite: permission of instructor. May be repeated for credit. No more than 9 hours will be counted toward total credit hours required for graduation. Instrumental music majors will be required to perform in the band each semester. Exceptions must be approved by the Director of Bands.

MUS 210 The Lindenwood Choirs (1) These choral ensembles include The University Chorus, which is open to all students who wish to participate; Voices Only, an audition ensemble that presents a mix of a cappella styles; and, and the Lindenwood Women's Chorus. Other ensembles may be formed. Student will be allowed to register for upper division sections depending upon their mastery of the material and continued participation in any or all of the ensembles. Prerequisite: permission of the instruction. May be repeated for credit. No more than 9 hours will be counted toward total credit hours required for graduation. Vocal music students will be required to perform in a choral ensemble each semester. Exceptions must be approved by the Director of Choirs.

MUS 212 Instrumental Chamber Music Ensembles (1) This course is open to all students by audition and is repeatable for credit. Upper division courses available with instructor's permission and based on mastery, difficulty of the repertoire, and continued participation in the particular ensemble(s). Prerequisite: audition and permission of the instructor.

MUS 213 Vocal Chamber Music Ensembles (1) This course is open to all students by audition and is repeatable for credit. Upper division courses available with instructor's permission and based on mastery, difficulty of the repertoire, and continued participation in the particular ensemble(s). Prerequisite: audition and permission of the instructor.

MUS 231 Music Theory III (3) A continuation of MUS 132. Chromatic harmony including borrowed chords and augmented sixth chords; elementary and advanced modulation; smaller forms. Sight singing and dictation of melodies and rhythms; error detection; modulation to closely related keys; dictation and identification of chromatic harmony. Prerequisite: Passing MUS 132 with the grade of C or better.

MUS 232 Music Theory IV (3) A continuation of MUS 231. Advanced chromatic harmony; twentieth-century and contemporary techniques; larger forms. Sight singing and dictation of melodies and rhythms; error detection; harmonic dictation; diatonic modes and other non-tonal scales; improvisation. Prerequisite: Passing MUS 231 with the grade of C or better.

MUS 301 Performance Practicum (1) This course consists of participation in performance under the direction of faculty or outside conductor and generally refers to non-Lindenwood ensembles such as the St. Louis Youth Symphony or the Kirkwood Philharmonic. Prerequisite: Permission. May be repeated for two hours of credit.

MUS 304 Private Lessons (1-2) Lessons are available in voice,

piano, strings, guitar, wind, brass, and percussion instruments. Private lesson fee applies.

MUS 309 The Lindenwood Bands and Orchestra (1) These large instrumental ensembles include the Lindenwood Golden Lion Marching Band, the Lindenwood Symphonic Band, pit bands, the pep bands, the jazz band, and the Lindenwood Symphonic Orchestra. Additional ensembles may be formed. Students will be allowed to register for upper division sections depending upon their mastery of the material and continued participation in any or all of the ensembles. Prerequisite: permission of instructor. May be repeated for credit. No more than 9 hours will be counted toward total credit hours required for graduation. Instrumental music majors will be required to perform in the band each semester. Exceptions must be approved by the Director of Bands.

MUS 310 The Lindenwood Choirs (1) These choral ensembles include The University Chorus, which is open to all students who wish to participate; Voices Only, an audition ensemble that presents a mix of a cappella styles; and, and the Lindenwood Women's Chorus. Other ensembles may be formed. Student will be allowed to register for upper division sections depending upon their mastery of the material and continued participation in any or all of the ensembles. Prerequisite: permission of the instructor. May be repeated for credit. No more than 9 hours will be counted toward total credit hours required for graduation. Vocal music students will be required to perform in a choral ensemble each semester. Exceptions must be approved by the Director of Choirs.

MUS 312 Instrumental Chamber Music Ensembles (1) This course is open to all students by audition and is repeatable for credit. Upper division courses available with instructor's permission and based on mastery, difficulty of the repertoire, and continued participation in the particular ensemble(s). Prerequisite: audition and permission of the instructor.

MUS 313 Vocal Chamber Music Ensembles (1) This course is open to all students by audition and is repeatable for credit. Upper division courses available with instructor's permission and based on mastery, difficulty of the repertoire, and continued participation in the particular ensemble(s). Prerequisite: audition and permission of the instructor.

MUS 320 Applied Music Literature (3) This course is a study of applied music literature through performances and extended listening to the applied area of concentration. Standard works chosen from the concert repertoire receive an analytical and stylistic study. Prerequisites: MUS 231, MUS 232 and consent of the instructor. Private lesson fee may apply.

MUS 330 Music Business (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, performer services, and music education entrepreneurship. Students analyze size and scope of commercial and nonprofit companies, markets served, marketing strategies, artist relationships, contracts, protection, and entrepreneurial opportunities. Prerequisite: ENG 170.

MUS 340 Instrumental Techniques and Literature I: Brass & Woodwinds (3) This course is a study of the methods, materials, organization, and instructional techniques applicable to beginning music classes. Coursework encompasses practical and analytical approaches to fundamental playing and teaching techniques for brass and woodwind instruments. Prerequisite: 4 hours

from MUS 104, MUS 204, MUS 304 or MUS 404 on major instrument. Instrumental rental fee will apply.

MUS 342 Instrumental Techniques and Literature II: Strings & Percussion (3) This course is a study of the methods, materials, organization, and instructional techniques applicable to beginning music classes. Coursework encompasses practical and analytical approaches to fundamental playing and teaching techniques for string and percussion instruments. Prerequisite: 4 hours from MUS 104, MUS 204, MUS 304, or MUS 404 on major instrument. Instrumental rental fee will apply.

MUS 355 History of Western Music I (3) (GE/CC) This course investigates the historical study of European music and Western art traditions from the middle ages to 1750. Prerequisites: MUS 100 or MUS 165 and ENG 170.

MUS 356 History of Western Music II (3) (GE/CC) This course examines the historical study of European music, Western art traditions, and American music from 1750 to the present. Prerequisites: MUS 100 or MUS 165 and ENG 170.

MUS 357 World Music (3) (GE/CC) This course is a survey of the dominant non-Western musical cultures of the world with comparisons to Western folk and art music traditions. Through readings, discussions, recordings, and film, the course explores basic musical terms/concepts and the characteristics of the world's major musical traditions in historical, stylistic, and cultural contexts. Prerequisites: MUS 100 or MUS 165 and ENG 170.

MUS 360 Orchestration/Arranging (3) This course is a study of the instruments of the modern symphony orchestra, their respective characteristics, and their uses in orchestration. Arrangements are made for string, woodwind, and brass combinations, and scoring is done for full orchestra. Prerequisite: MUS 132.

MUS 365 Band and Orchestra Techniques (3) This course is a 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 and includes field observations and clinical practice. Prerequisites: MUS 340, MUS 342 or concurrent enrollment and MUS 384.

MUS 370 Choral Arranging (3) This course is designed to teach the student to develop written vocal arrangements in various styles of accompanied and unaccompanied music. Areas include chord voicing, vocal range and flexibility considerations, voice leading and copyright laws. Prerequisite: MUS 132 and concurrent enrollment in MUS 110, MUS 210, MUS 310 or MUS 410 required.

MUS 375 Choral Techniques and Literature (3) This course is a 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 field observation and clinical practice. Prerequisites: MUS 379 or concurrent enrollment and MUS 384.

MUS 383 Introduction to Conducting (3) This course addresses the fundamental practices of the conductor, including score reading, verbal and non-verbal conducting techniques, and rehearsal and

performance procedures. Prerequisites: MUS 132 and junior standing.

MUS 384 Advanced Conducting (3) This course is a study of advanced techniques for conducting and managing a large choral or instrumental ensemble. Includes clinical practice. Prerequisite: MUS 383.

MUS 386 Special Topics (1-6) This course is a focused examination of a specific subject in the field of music. It may include a performance component. May be repeated as topics vary. Studio fees may apply to some topics.

MUS 390 Junior Recital (1) The student will perform a formal recital representing a culmination of applied studies from the degree program. A faculty committee will be appointed to evaluate the performance. Private lesson fee applies. Prerequisites: a minimum of 4 hours of applied music from MUS 104, MUS 204, MUS 304, MUS 404, junior standing, and permission of the instructor.

MUS 401 Performance Practicum (1) This class includes student participation in performance under the direction of faculty or outside conductor and generally refers to non-Lindenwood ensembles such as the St. Louis Youth Symphony or the Kirkwood Philharmonic. Prerequisite: Permission. May be repeated for two hours of credit.

MUS 404 Private Lessons (1-2) Lessons are available in voice, piano, strings, guitar, wind, brass, and percussion instruments. Private lesson fee applies.

MUS 409 The Lindenwood Bands and Orchestra (1) and Orchestra (1) These large instrumental ensembles include the Lindenwood Golden Lion Marching Band, the Lindenwood Symphonic Band, pit bands, the pep bands, the jazz band, and the Lindenwood Symphonic Orchestra. Additional ensembles may be formed. Students will be allowed to register for upper division sections depending upon their mastery of the material and continued participation in any or all of the ensembles. Prerequisite: permission of instructor. May be repeated for credit. No more than 9 hours will be counted toward total credit hours required for graduation. Instrumental music majors will be required to perform in the band each semester. Exceptions must be approved by the Director of Bands.

MUS 410 The Lindenwood Choirs (1) These choral ensembles include The University Chorus, which is open to all students who wish to participate; Voices Only, an audition ensemble that presents a mix of a cappella styles; and, and the Lindenwood Women's' Chorus. Other ensembles may be formed. Student will be allowed to register for upper division sections depending upon their mastery of the material and continued participation in any or all of the ensembles. Prerequisite: permission of the instruction. May be repeated for credit. No more than 9 hours will be counted toward total credit hours required for graduation. Vocal music students will be required to perform in a choral ensemble each semester. Exceptions must be approved by the Director of Choirs.

MUS 412 Instrumental Chamber Music Ensembles (1) This course is open to all students by audition and is repeatable for credit. Upper division courses available with instructor's permission and based on mastery, difficulty of the repertoire, and continued participation in the particular ensemble(s). Prerequisite: audition and permission of the instructor.

MUS 413 Vocal Chamber Music Ensembles (1) This course is open to all students by audition and is repeatable for credit. Upper division courses available with instructor's permission and based on mastery, difficulty of the repertoire, and continued participation in the particular ensemble(s). Prerequisite: audition and permission of the instructor.

MUS 490 Senior Recital (1) The student will perform a formal recital representing a culmination of applied studies from the degree program. A faculty committee will be appointed to evaluate the performance. Prerequisites: a minimum of 4 hours of applied music from MUS 104, MUS 204, MUS 304, or MUS 404, senior standing, and permission of the instructor. Private music lesson fee will apply.

MUS 499 Internship (3-6) The student will work as a musical professional in a capacity related to his or her emphasis. Prerequisites: sophomore standing and permission of the instructor.

NATURAL SCIENCE

See page 105 of this catalog for the course description of all SCI courses.

NON PROFIT ADMINISTRATION

NPA 100 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, and economic impacts including advocacy roles involving scientific, environmental, human services, and human rights issues and will include a volunteer component.

NPA 193 Special Topics in NPA (1-3) This course will be either introductory nonprofit subjects or recreation and leisure service activities courses.

NPA 194 Special Topics in NPA (1-3) This course will be either introductory nonprofit subjects or recreation and leisure service activities courses.

NPA 201 American Humanics 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.

NPA 280 Nonprofit Budgeting and Financial Management (3) This course provides an overview of principles and practices of financial management within nonprofit organizations. Includes 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.

NPA 300 Fundraising (3) This course examines the differences between for profit and nonprofit organizations. Examination of philanthropy and techniques of fundraising, relationships with umbrella funding organizations, government funding, and budgeting. Pre/Co-requisite: NPA 100.

NPA 303 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.

NPA 350 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. Pre/Co-requisite: NPA 100.

NPA 351 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. Pre/Co-requisite: NPA 100.

NPA 360 Leadership (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. Includes issues of ethics and professional integrity within the nonprofit sector. Pre/Co-requisite: NPA 100.

NPA 371 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. Pre/Co-requisite: NPA 300.

NPA 450 Internship (4) Students are placed in nonprofit organizations to serve in functions normally assigned to entry-level managers. Under the supervision of agency personnel, students will observe and practice nonprofit administration management skills. May be repeated once in a different practicum setting. Requires 15 hours of agency participation each week and 75 hours for each one credit taken throughout a semester. Pre-requisite: NPA 350, Permission.

NPA 451 Internship (1-3) Students are placed in nonprofit organizations to serve in functions normally assigned to entry-level managers. Under the supervision of agency personnel, students will observe and practice nonprofit administration management skills. May be repeated once in a different practicum setting. Requires 15 hours of agency participation each week and 75 hours for each one credit taken throughout a semester. Pre-requisite: NPA 350, Permission.

NPA 489 American Humanics Management Institute (1) Students must complete the program of study provided through the American Humanics, Inc. at the American Humanics

Management Institute. National course offering 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. This course may be taken for credit up to four times. Pre/Co-requisite: NPA 201.

NPA 493—NPA 494 Special Topics in Nonprofit Administration (1-6) This course is a directed studies in the management of nonprofit organizations. Study of unique situations, conditions, and circumstances that occur in nonprofit organizations. Topics may include courses on Marketing, Annual giving and Special Events, Program Evaluation, Capital, Endowment and Planned Giving Campaigns, and Major Gifts, Corporate Relations and Entrepreneurial Activities. Can be taken for repeated credit with different topics. Pre-requisite: Permission.

NPA 495 Leadership Experience (1) This course emphasizes active participation in leadership activities. The organization, staffing, training, financing, and programming of leadership activities. Lab fee. This course can be taken for credit up to four times.

NPA 499 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. Pre-requisite: NPA 350, and NPA 360.

PHYSICAL EDUCATION

Activity Courses (May be taken for credit only one time)

Team Sports (1)
PE 100 Competitive Sports
PE 101 Recreational Sports I
PE 102 Recreational Sports II
PE 103 Volleyball
PE 104 Softball
PE 105 Track & Field
PE 106 Flag Football
PE 107 Basketball
PE 108 Soccer
PE 109 Wrestling
PE 110 Golf

Lifetime Sports (1)
PE 112 Trap/Skeet Shooting
PE 120 Weight Lifting I
PE 121 Weight Lifting II
PE 122 Orienteering
PE 126 Aerobic Dance
PE 127 Swimming I
PE 129 Life guarding
PE 130 Water Aerobics
PE 131 Bowling
PE 132 Lifetime Sports
PE 133 Tennis I
PE 134 Tennis II
PE 135 Badminton
PE 136 Scuba
PE 137 Archery
PE 138 Racquetball
PE 139 Pickleball
PE 140 Plyometrics

PE 141 Self Defense I
PE 142 Cardiovascular Fitness
PE 143 Self Defense II
PE 144 Camping
PE 145 Bicycling
PE 148 Hiking
PE 149 Canoeing
PE 151 Table Tennis
PE 152 Rappelling
PE 153 Officiating of Team Sports
PE 154 Billiards and Pool
PE 155 Swimming II
PE 156 Fencing
PE 157 Advanced Life guarding/Lifesaving
PE 158 Fishing & Fly Tying
PE 159 Advanced Fishing & Fly Tying
PE 161 Outdoor Education (Hunting and Fishing)
PE 170 LU Crew I
PE 171 LU Crew II
PE 172 LU Crew III
PE 173 LU Crew IV

PE 150 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.

PE 160 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.

PE 180 First Aid (1) This partial on-line course is designed to provide training and offer certification in the area of First Aid upon completion of the on campus practical skills portion. Students will meet the skill and knowledge standards as determined by the American Red Cross. Lab fee.

PE 181 Adult CPR/AED (1) (Automated External Defibrillation) This partial online course is designed to provide adult CPR and adult AED training and offer certification in those areas, upon completion of an on-campus practical skills portion. Students will meet the skill and knowledge standards as determined by the American Red Cross. Lab fee.

PE 182 Lifeguard Training (1) This partial online course is designed to provide lifeguard training and offer certification in the area of life guarding, upon completion of an on-campus practical skills portion. Students will meet the skill and knowledge standards as determined by the American Red Cross. Lab fee.

PE 183 Lifeguard Management (1) This partial on-line course is designed to provide lifeguard management and offer certification in the area of lifeguard management, upon completion of an on campus practical skills portion. Student will meet the skill and knowledge standards as determined by the American Red Cross. Lab fee.

PE 200 Health and Nutrition (4) This course prepares the student in the areas of personal and community health covering factors that contribute to the development, maintenance, and nutrition of health for living in a contemporary automated society and an

overview of medical aspects associated with sport and play.

PE 205 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 303 or EDU 304.

PE 207 Human Anatomy and Physiology (4) This course is a study of the structure and function of the human skeletal, muscular, nervous, digestive, respiratory, and circulatory systems. Prerequisites: CHM 100 & BIO 100. Lab fee.

PE 211 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 303 or EDU 304.

PE 220 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 150 or EXS 100, EDU 303.

PE 300 Community Health (3) This course is designed to give a broad overview of the many dimensions of health promotion, care, and legislation. Transcending the study of personal health practices, this course focuses on broader issues including government's role in health, health organizations, socioeconomic health factors, epidemiology, and mental illness.

PE 305 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. Prerequisite: MTH 141.

PE 310 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. Prerequisites: MTH 141 and PE 207 or BIO 227.

PE 315 Physiology of Exercise (3) This course will provide an adequate understanding of the physiological responses to exercise. Such understanding will provide the student with a means to (a) analyze exercise and sports; (b) assess individual responses to sports and exercise; (c) evaluate claims against various forms of exercise; (d) plan programs for the optimal enhancement of human well-being; and (e) communicate program. Prerequisites: PE 207 or BIO 227.

PE 316 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. Taken in conjunction with PE 315. Lab fee.

PE 318 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.

PE 320 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.

PE 331 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. Prerequisites: PE 205, PE 211.

PE 349 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 150, Junior standing.

PE 350 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: Junior standing.

PE 351 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: Junior standing.

PE 352 Theory & Methods of Coaching Softball and Baseball (3) 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: Junior standing.

PE 353 Theory & Methods of Coaching Track & Field (3) Includes the study of track and field theories, events, history, and outstanding coaches. The student is prepared to coach track and field events. Prerequisite: Junior standing.

PE 354 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: Junior standing.

PE 355 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: Junior standing.

PE 356 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: Sophomore standing.

PE 357 Theory and 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: Junior standing.

PE 400 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, and the more disabled students requiring a special physical education program. Prerequisites: PE 310 and PE 315.

PE 420 Practicum in Coaching (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 for which they desire the coaching emphasis. The student may not complete this requirement during season if they also are a participant in that sport. Placement will generally be with this institution as a student assistant. Duties and responsibilities will be determined by the head coach of that sport 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.

PE 420.50 Practicum in Coaching Football
PE 420.51 Practicum in Coaching Basketball
PE 420.52 Practicum in Coaching Baseball/Softball
PE 420.53 Practicum in Coaching Track & Field
PE 420.54 Practicum in Coaching Volleyball
PE 420.55 Practicum in Coaching Soccer
PE 420.56 Practicum in Coaching Weight Training
PE 420.57 Practicum in Coaching Wrestling

PE 430 Care and Prevention of Athletic Injuries (3) This course is designed for individuals that are not pursuing a medical position and want to gain knowledge by providing basic information on how to identifying 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.

PHILOSOPHY

PHL 102 Moral Life: A Study in Ethics (3) (GE) 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.

PHL 150 Introduction to Philosophy (3) (GE) This course is designed to introduce the student to philosophy by studying the ways in which a number of important philosophical schools have attempted to deal with such major concerns as proof of the existence of God, the challenges of science and materialism to free will, the basis for human knowledge, and the justification of moral beliefs.

PHL 190 Philosophy of Human Nature: Mind, Soul and Body (3) (GE) 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.

PHL 214 Ethics (3) (GE) 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.

PHL 215 Traditional Logic (3) (GE) 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, Communication, or those seeking a course in practical reasoning. Course meets the Philosophy/Religion Gen. Ed. requirement only.

PHL 216 Modern Symbolic Logic (3) (math GE) This is a course in Modern Symbolic Logic. It will cover translation, propositional logic, predicate logic, natural deduction, quantification, and identity. This course is required for Philosophy majors and recommended for students in the Sciences, Mathematics or Computer Science, and students interested in formal systems. No Prerequisite Required. Course meets the Math Gen. Ed. requirement only.

PHL 240 Bioethics (3) (GE) 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: ENG170.

PHL 265 Philosophy of Science (3) (GE) 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: ENG170.

PHL 280 Selected Topics in Philosophy (1-3) (GE) 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. Prerequisites: Philosophy course above 100-level, advanced standing, or permission of instructor. This course may be repeated for different topics.

PHL 305/PS 305 Political Philosophy (3) (GE) 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. Prerequisite: ENG170.

PHL 311 Ancient Philosophy (3) (GE) 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: ENG170.

PHL 312 Medieval/Renaissance Philosophy (3) (GE) This course studies the arguments of Christian, Arabian, and Jewish philosophers of the Medieval-Renaissance period, covering the years 100 A.D. to 1550 A.D. Topics included the relation of faith and reason, theory of universals, the nature of mysticism, the idea of the gentleman, real politik, and the divine right of kings, in addition to the perennial problems of metaphysics, epistemology, and the nature of God and man. Only original sources are used. Prerequisite: ENG 170.

PHL 313 Modern Philosophy (3) (GE) 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 on the works of Descartes, Hobbes, Locke, Hume, Rousseau, Kant, and Hegel. Only original sources are used. Prerequisite: ENG 170.

PHL 318 Asian Philosophy (3) (CC) 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 exam questions in metaphysics, epistemology, ethics, and social and political philosophy in both an historic and contemporary Asian thought. Prerequisite of one PHL or REL course.

PHL 325/REL 325 Philosophy of Religion (3) (GE) 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: one course in philosophy or religion or permission of instructor.

PHL 340 Topics in Bioethics (3) See BIO 240. Prerequisite: one PHL or REL course.

PHL 345 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 non-existence of God, etc. Prerequisite: at least one PHL or REL course.

PHL 355 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: at least one PHL or REL course.

PHL 360 Contemporary Moral Theory (3) 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. Prerequisite: at least one PHL course.

PHL 365 Topics in Philosophy of Science (3) See PHL 265. Prerequisite: one PHL or REL course.

PHL 380 Selected Topics in Philosophy (1-3) (GE) 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. Prerequisites: Philosophy course above 100-level, advanced standing, or permission of instructor. This course may be repeated for different topics.

PHL 480 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. Prerequisites: Philosophy course above 100-level, advanced standing, or permission of instructor. This course may be repeated for different topics.

PHL 493 Senior Seminar (3) This course is the capstone experience for the philosophy major. The course will focus on the question: What is Philosophy? The student will be required to read and become familiar with a variety of views on the nature of philosophy with an emphasis on historical context and development. This course is an independent study.

PHYSICS

PHY 100 Concepts of Classical Physics (4) (GE) This non-mathematical course is designed for non-science majors and covers force and motion, energy and matter, electricity and magnetism, heat, and sound. The application of these concepts in our everyday lives will be emphasized. Frequent demonstrations and simple experiments will be used to reinforce concepts. Lab fee.

PHY 251 Introductory Physics I (4) (GE) 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 treat solids, fluids, waves, and sound. Prerequisite: MTH 152 or MTH 170. Lab fee.

PHY 252 Introductory Physics II (4) 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. Prerequisite: PHY 251. Lab fee.

PHY 301 General Physics I (4) (GE) 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. Prerequisite: MTH 271. Lab fee.

PHY 302 General Physics II (4) 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. Prerequisite: PHY 301. Lab fee.

PHY 303 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. Other topics may include general relativity and cosmology as time permits. Prerequisite: C or better in PHY 301.

POLITICAL SCIENCE

PS 155 American Government: The Nation (3) (GE) 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.

PS 156 American Government: The States (3) (GE) 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.

PS 300 Comparative Analysis (3) 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.

PS 301 Comparative Public Policy (3) (GE) 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.

PS 305/PHL 305 Political Philosophy (3) 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 will read the original thoughts of well-known political thinkers. Prerequisite: ENG 170.

PS 307 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.

PS 308 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.

PS 315 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 understand effective and ineffective 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 141 Basic Statistics.

PS 311 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, and the impact of the court on public policy.

PS 325 Politics and the Media (3) In America at the turn of the millennium, mass media, and mass politics are so intertwined that we cannot imagine one without the other. This course examines how politicians and the media interact with one another, and what the effects are on both institutions. Students also look at issues such as agenda-setting, bias vs. objectivity in the media, and the growing use of "spin doctors" to manipulate press reporting of political events. Prerequisites: American Government, PS 155 or 156.

PS 327 Urban and Metropolitan Politics and Policy (3) This course focuses on the particular problems of politics and policymaking within medium and large American cities. In addition, topics discussed include economic development, governing metropolitan areas, and the role of urban issues in national politics.

PS 345 /COM 345 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.

PS 350 International Relations (3) (CC) 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.

PS 351 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.

PS 360 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.

PS 365 Appreciating Political Books (3) 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-26 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 each semester since the books change with each semester.

PS 367 Directed Research (3) 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. Prerequisite: faculty approval.

PS 395 Public Affairs Forum (3) This course will be offered as demand warrants. The approach of this course is to have a faculty member act as a moderator and instructor. Depending upon the particular 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.

PS 450 Government Internship (3) Sometimes through members of the faculty and other times through the initiative of students themselves, students can work in a political or public management environment and receive credit. Students interested in this internship are expected to keep a journal and will 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.

PSYCHOLOGY

PSY 100 Principles of Psychology (3) (GE) Students will explore basic psychological concepts, methods, and findings leading to an understanding of human behavior.

PSY 101 Interactive Psychology (3) (GE) This course is an exploration of significant lifestyle choices. 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.

PSY 205 Human Development (3) This course is 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 100.

PSY 208 Child Psychology (3) This course is an introduction to factors influencing children's social and emotional, motor, cognitive, and language development from conception to late childhood. Prerequisite: PSY 100.

PSY 220 Health Psychology (3) This course is an investigation and discussion of the psychological influences on how people stay healthy, become ill, and adapt physically, behaviorally, and cognitively when they become ill. Attention is given to the effect of the mind-body relationship and various socio-psychological variables on both physical and psychological health. Topics will include exercise, stress, weight control, pain management, meditation, coping styles, psycho-immunology, and behavioral habits. Prerequisites: PSY 100.

PSY 231 Critical and Creative Thinking (3) This course is an intensive experience designed to develop an understanding of the processes of problem-solving, creativity, and critical thinking. Students will be directly involved 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 100.

PSY 235 Psychology of Grief (3) This course provides the student with the opportunity to examine the issues of death and bereavement in the context of one's later life. Many people have participated in the systematic avoidance of death and paid the price in anxiety and burdensome defenses. In this course, consideration is given to dramatic and violent forms of death, the kind that go by such names as homicide, suicide, genocide, terrorism, accident, and disaster. However, students will not be allowed by these events to be lulled into believing that death mostly happens to other people, in other places, when something has gone very wrong. Prerequisite PSY 100.

PSY 290 Special Topics in Psychology (3) This course is a focused study of particular topics in the field of Psychology and may be repeated for credit as topics vary. Prerequisites will vary by topic.

PSY 303 Abnormal Psychology (3) This course is a survey of major classes of mental disorders. Emphasis is given to understanding symptoms, the complex interaction of factors related to mental disorders, and controversies in the field. Prerequisite: PSY 100.

PSY 304 Basic Research Methods (3) This is a first course in the logic and methods of behavioral research. Students will complete group research projects that are designed to reinforce pivotal concepts. Prerequisites: PSY 100, C or higher in MTH 141, and one Psychology above 100-level. Must be taken concurrently with PSY 306.

PSY 305 / REL 305 The Psychology of Religion (3) (GE) 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. Prerequisites: one introductory religion course and one introductory psychology course.

PSY 306 Behavioral Science Statistics (3) The course places emphasis on the application of descriptive and inferential statistics in behavioral science research. Prerequisites: PSY 100, C or higher in MTH 141, and one Psychology above 100-level. Must be taken concurrently with PSY 304.

PSY 309 Personality (3) Core concepts in the field of personality are studied, with an emphasis on how these concepts are integrated into personality theories and how they are evaluated scientifically. Students will apply these concepts in independent projects. Prerequisite: PSY 303.

PSY 311 Behavior Modification (3) This course is an introduction to environmental influences on human behavior with an emphasis on behavior modification procedures and behavior management. Prerequisites: PSY 330.

PSY 312 Psychology of Aging (3) This course is a study of psychological development in later adulthood. Internal and external influences on aging individuals and dynamics of continuity and change are explored. Mental health issues related to emotional, cognitive, and social functioning are addressed. Prerequisite: PSY 100 and PSY 205 or SW 280.

PSY 313 Psychology of Adolescence (3) This course is a cultural approach to the study of physical, intellectual, emotional, and social development during the period of adolescence. Historical context and research studies are given special attention in studying the development of a sense of personal identity, changing roles in the family, school, and community, and problems of adjustment, delinquency, and drug abuse. Prerequisite: PSY 100 & PSY 205 or SW 280.

PSY 324 Psychological Testing (3) This course is a study of theory of mental measurement and the principles of reliability, validity, and standardization as they are applied to the construction, interpretation, and use of education and psychological tests. Tests of achievement, aptitude, intelligence, interest, and personality will be studied as illustrations of the problems of measurement and the variety of solutions to those problems. Ethics of test use will be given special consideration. Prerequisites: PSY 303 & MTH 141.

PSY325 Behavioral Neuroscience (3) This course examines the human nervous system focusing on the central nervous system, the development and function of nerve cells, and the relation between the brain and behavior. Topics include motivation, learning, sensation and perception, movement, emotions, and brain dysfunction. Prerequisites: PSY100, BIO 107, & two additional psychology courses above the 100 level.

PSY 330 Psychology of Learning and Memory (3) This course studies how old behaviors are changed and new behaviors are acquired as a result of experience. Attention is given to theories, models, and empirical findings in the field of learning and memory. Prerequisite: C or higher in PSY 304.

PSY 331 Cognitive Psychology (3) This course examines mental processes that will include topics such as perception, attention, problem-solving, thinking and decision making. Theories and major concepts will be presented as well as some introduction to experimental methods used in cognitive research. Prerequisites: C or better in PSY 304.

PSY 332 The Psychology of Motivation and Emotion (3) This

course is an analysis of the major theories of motivation, the data on which they are based, and applications of motivation concepts. Prerequisite: PSY 100 and ENG 170.

PSY 334 Social Psychology (3) This course is a study of theories of and research into the individual's interrelationships with other people and with his/her 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 100 and ENG 170.

PSY 341 Psychotherapy (3) This course is an introduction to the theories, principles, and techniques of various current approaches to psychotherapy. Prerequisite: PSY 309 (formerly 301).

PSY 365 Human Sexuality (3) This course is a survey of theories of and research into psychological aspects of human sexual behavior. Topics include sex differences in the development of sexuality, psychological factors in sexual behavior, sexual behavior in cross-cultural perspective, sexual behavior in special populations, aberrant sexual patterns, and current sexual trends in America. Prerequisite: PSY 100 and BIO 107 or PE 207.

PSY 390 Special Topics in Psychology (3) This course is a focused study of particular topics in the field of Psychology. This course may be repeated for credit as topics vary. Prerequisites will vary by topic.

PSY 404 Advanced Research Methods (4) This is an advanced course in the techniques of behavior observation and analysis in which students learn to design and conduct behavioral research, to analyze the data meaningfully, and to present their findings to others. This course is strongly recommended for any student planning to pursue graduate studies in social or behavioral science. Prerequisites: C or higher in both PSY 304 and PSY 306.

PSY 412: Advanced Psychopathology (3) This course provides an in-depth look at the Personality Disorders. Topics include the various models currently used to understand this class of disorders, including cognitive, psychoanalytic, neurobiological, and interpersonal models. The primary aim is to gain an appreciation of the subtleties among the various personality disorders, and knowledge of the mechanisms which underlie such disorders, and issues related to the diagnosis and treatment of people with these conditions will also be addressed. This course is well suited for junior/senior level students moving toward careers in the counseling and psychotherapy field, the mental health field more generally, or other careers involving substantial contact with people with mental disorders. Prerequisite: C or higher in PSY 341.

PSY 420 Senior Research Project (4) Advanced students will design, conduct, and write up their own substantial research project. Students will be encouraged to participate in a regional and/or national conference to present the results of their work. Prerequisites: A grade of B or better in PSY 404 and instructor permission.

PSY 432 Senior Seminar (3) Students survey the history of psychology and analyze recent developments in various fields of psychology in historical perspective. Professional issues and ethics are covered. Prerequisites: 18 credit hours in Psychology and senior standing.

PSY 450 Psychology Practicum (1-6) Advanced students may pursue opportunities to explore applications of psychology in independently-arranged off-campus supervised practicum experiences. Practica require prior mastery of psychological concepts related to the designated situation, and thus must be approved by the instructor prior to registration. Prerequisites: Minimum GPA of 3.0 in Psychology, junior standing and instructor permission.

RELIGION

REL 100 Introduction to Religion (3) (GE) This course is an introduction to the academic study of religion. It is not intended to convince students of the truth (or falsehood) of any particular religious beliefs, but rather to develop an understanding of the religious aspect of being human. Topics may include the question "What is religion?"; religion and ethics; religion and Western culture; and theological topics such as the problem of evil.

REL 130 Introduction to the World's Sacred Texts (3) (GE) This course is an introduction to the foundational texts of the world religions and will examine such topics as the variety of understandings of what is meant by "scripture;" distinctive features of scripture; the roles and variety of functions of scriptures in their respective religions; and problems of authority, canonicity, interpretation, and translation.

REL 150 World Religions (3) (GE/CC) This course aims at familiarizing the student with the great religious systems of the world. Specific attention is given to Hinduism, Buddhism, Taoism, Confucianism, Judaism, Christianity, and Islam.

REL 202 Religion in America (3) (GE) 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.

REL 210 Old Testament (3) (GE) 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.

REL 211 New Testament (3) (GE) 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.

REL 220 Practices of Religion (3) (GE/CC) An introductory study of disciplines, spiritual practices, and ritualized behaviors found in every religion, this course allows the student to study, observe, and take part in different forms of prayer, meditation, fasting, contemplation, chanting, and religious ritual. Participants will evaluate and draw conclusions on the effectiveness, appropriateness, applicability, or relevance of these disciplines for their society and the world.

REL 230 Intro to Asian Religions (3) (GE/CC) An intermediate-level course 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 primarily on the Hindu, Buddhist, Confucian, and Taoist traditions; but attention is also given to Jain, Sikh, and Shinto traditions as time permits. The class will conduct field visits during the semester to acquaint students with the variety of Asian religions in America.

REL 280 Selected Topics (3) This course consists of concentrated work with topics relevant to the study of religion. This course may be repeated. Prerequisites will be noted in the course listing. (May be GE or CC depending on topic).

REL 300 Religion, Science, and Faith (3) (GE) This course is an overview of the issues in the dialogue between science and Religion. Discussion will include the following topics: relationship of science and Christianity, problems of reductionism in science and religion, understandings of human nature and the role of religion, and philosophical and theological views of evolutionary science.

REL 305/PSY 305 The Psychology of Religion (3) (GE) 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. Prerequisites: one introductory religion course and one introductory psychology course.

REL 310 Religious Foundations of Western Civilization (3) (GE) This course is an investigation of the major religious foundations of Western civilization and thought. The goal of this course will be to take a critical, academic approach to the study of the great Western religions-Judaism, Christianity, and Islam-their beliefs, key concepts, and history, as well as the fundamental role they have played and continue to play in Western culture.

REL 320 Christian Doctrine (3) (GE) This course is an examination of the great foundational teachings of the Christian faith (the Trinity, Creation, the doctrine of humanity, the Person and Work of Christ, the Church, justification, the future hope, etc.). Attention will be given both to the history of the development of doctrine and to some suggestions by contemporary theologians as to the meaning of these teachings today. Prerequisite: One course in Philosophy or Religion or permission of the instructor.

REL 325/PHL 325 Philosophy of Religion (3) (GE) 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 of religious language; the conflicting claims to truth of different religions; and human destiny after death. Prerequisite: one course in philosophy or religion or permission of the instructor.

HIS 329/REL 329 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. Prerequisites HIS 100, ENG 170 and a minimum of 3 credits in Religion or Philosophy or permission of instructor.

REL 380 Selected Topics (3) This course will consist of concentrated work with topics relevant to the study of religion. This course may be repeated. Prerequisites will be noted in the course listing. (May be GE or CC depending on topic).

REL 400: Method and Theory in the Study of Religion (3) (GE) This course is the capstone course for Religion majors that consists of a historical survey of selected theorists concerned with the nature of "religion" conducted by methodological analysis of their theories, data, and conclusions. Students will assess the contributions of major figures in the history of the academic study of religion. Sociological, psychological, anthropological, and phenomenological approaches for defining, describing, and explaining "religion" will be considered. Students will produce seminar papers and presentations that apply the insights and perspectives of particular methods and theories to their own areas of interest and research within religious studies.

RECREATION LEADERSHIP

RLS 110 Introduction to 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.

RLS 111 Introduction to Land Navigation (2) 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.

RLS 112 Introduction to 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.

RLS 113 Introduction to 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.

RLS 130 Introduction to 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.

RLS 131 Introduction to Blacksmithing (1) This lecture and lab course introduces students to history and techniques of blacksmithing. Students will learn basic steps in safely operating a forge and producing simple objects from iron.

RLS 133 Introduction to 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 deserts over an open fire or a fireplace hearth. The course will enhance ones understanding of frontier life and provide cooking skills to further enjoyment of the outdoors.

RLS 202: Introduction to Recreation and Leisure Services (3)
An introductory course designed to provide a description and analysis of the total field of recreation and leisure necessary for and informed career choice. Historical and philosophical foundations of recreation and leisure profession, influences of recreation and park movements, technological, economic and community impact on leisure delivery systems.

RLS 322: Program Planning in Recreation and Leisure Services (3) Development of programming skills (roles if administrator, leader, volunteer and community in program planning) for recreation programs in various settings, i.e. public; non-profit and profit with emphasis on activity selections, scheduling, marketing, staffing and evaluations. Pre- or Co-requisite RLS 202.

RLS 323: General Recreation Programming (2) Mentored participation in planning, marketing, implementation and evaluation of ongoing general recreation programs. Pre- or Co-requisite RLS 322.

RLS 324: Outdoor Recreation/Education Programming (2) Mentored participation in planning, marketing, implementation and evaluation of ongoing outdoor recreation/education programs. Pre- or Co-requisite RLS 322.

RLS 381: Recreation Sites and Facilities 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. *Required Field Trips.

RLS 382: Outdoor Skills for Recreation and Leisure Management (3) This course will teach the fundamental proficiencies to obtain basic outdoor skills, including the understanding of the use of training methods and techniques. Students will also learn how to plan trips and manage risk and safety issues related to these skill areas.

RLS 383: 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.

RLS 390: High Adventure Leadership Training (3) This course is a hands-on leadership experience that requires students to plan, organize, and lead a high adventure experience. The students will also learn about group dynamics in outdoor high adventure settings and how to incorporate the appropriate risk management measures. Prerequisite: NPA/HSA 373 and approval of instructor.

RLS 470: 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.

RLS 471: Management of Outdoor Recreation Areas and Facilities (3) This course will provide an understanding of the principles and applications of planning, design, development and maintenance of camps, recreation, and park areas and facilities. Required field trips.

RLS 472: Outdoor Recreation and Resources 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 RLS 372.

RLS 489, 490, 491, 493 Special Topics in Recreation Leadership (1-6) This course offers directed studies in the management of recreation organizations, facilities and programs and includes study of unique situations, conditions and circumstances that occur in recreation, including program specific professional certifications.

RLS 494,495, 496, 497 Leadership Experience (1-3) The active participation in leadership activities in the class includes the organization, staffing, training financing and programming of recreation leadership activities.

RLS 499 Senior Seminar (3) This course is the required capstone seminar to 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 recreation organizations or leadership and management skills.

NATURAL SCIENCE

SCI 212 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.

SCI 214 Ethical and Moral Problems in Science and Medicine (3) This course consists of a brief consideration of some of the ethical and moral problems in science and medicine. Advances in science and medicine have posed many problems that call for a solution if life and the universe as we know it are to survive. It shall be the task of this course to attempt to address at least some of the following topics: the care of the earth, research and human experimentation, genetic engineering, death and dying, and allocation of scarce resources.

RUSSIAN

See page 86 of this catalog for the course description of all FLR courses.

SOCIOLOGY

SOC 102 Basic Concepts of Sociology (3) (GE) 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.

SOC 214 The Family (3) (GE) 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.

SOC 220 Social Problems (3) (GE) 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.

SOC 240 The Sociology of Gender Roles (3) (GE) The 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.

SOC 315 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. Prerequisites: SOC 102 or ANT 112 or PSY 100.

SOC 318 Race and Ethnicity: A Global Perspective (3) (CC) This course focuses on patterns of race and ethnic relations throughout the world. Selected issues in contemporary race and ethnic relations in American society are examined. Prerequisite: SOC 102 or ANT 112.

SOC 320 Social Thought and Theory (3) This course is a survey introduction to the history of sociological theory and social thought. The emphasis is on European and early American theorists who had a strong impact on contemporary sociology. Prerequisite: SOC 102 or ANT 112.

SOC 321 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. Prerequisites: SOC 102 or ANT 112.

SOC 322 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. Prerequisites: SOC 102 or ANT 112 or CJ 200 or PSY 100.

SOC 324 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. Prerequisites: One previous course in PSY, SOC, ANT, or CJ.

SOC 390 Special Topics in Sociology (3) This course will deal with a specialized aspect, topic, or region of sociological interest.

Each topic is announced and a course description provided at the time of registration. Prerequisite: SOC 102 or ANT 112 or consent of instructor.

SOC 400 Field Study (3)

SOC 450 Internships (6)

SOC 499 Honors Project (6)

SOCIAL SCIENCE

SS 310 Social Science Statistics (3) (GE) This course presumes a knowledge of basic mathematical operations. Emphasis is placed on the application of descriptive and inferential statistics to research problems and data sets characteristically encountered in the social sciences. Topics included are point and interval estimation of population parameters, correlational techniques for all scales of measurement, and parametric and nonparametric hypotheses-testing techniques. Prerequisite: MTH 141 or permission of instructor.

SOCIAL WORK

SW 100 Intercultural Communication (3) (GE) 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.

SW 110 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.

SW 120 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 110 or concurrent; consent of instructor.

SW 240 Human Diversity and Social Justice (3) (GE) 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.

SW 280 Human Behavior in the Social Environment I (3) (GE)

This course examines theories and knowledge of human bio-psycho-social-cultural 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 wellbeing. Human development will be viewed as a complex interaction between individuals and systems.

SW 300 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.

SW 310 Social Work Practice I (3) This class 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 will be covered. Initiation and termination of helping relationships with diverse at risk populations will be explored. Prerequisites: SW 110, SW 280, full admission to the major.

SW 311 Social Work Practice II (3) 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. Prerequisite: SW 310.

SW 320 Social Welfare Policy and Service 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. Prerequisites: ENG 170, Pre-Co-requisites: SW 110, PS 155 or 156, and BA 210.

SW 325 Social Work Research Methods (3) 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. Co-Prerequisite: SW 110, MTH 141.

SW 350 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.

SW 381 Human Behavior in the Social Environment II (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. Prerequisites: SW 280, SOC 102.

SW 391—SW 397 Special Topics in Social Work (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, service learning, etc. Prerequisite: Junior standing, consent of instructor. This course can be taken for repeated credit with different topics.

SW 412 Social Work Practice III (3) 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. Core prerequisite: SW 311.

SW 421 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 320.

SW 450 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 (25 hours per week to complete in one semester at the same agency). Co-prerequisites: SW 412 (can be concurrent), overall GPA of 2.0 and successful submission of all required materials.

SPANISH

See page 86 of this catalog for the course description of all FLS courses.

SPECIAL EDUCATION

See page 75 of this catalog for the course description of all EDS courses.

SPORTS MANAGEMENT

See page 64 of this catalog for the course description of all BSM courses.

THEATRE

TA 100 Theatre Practicum (1-2) This course consists of practical work on stage productions generally in a crew capacity and is open to all Lindenwood students. Course numbers in the upper division reflect more sophisticated and responsible participation. All practicum students are expected to attend two practicum work days during the course of a semester. Repeatable for credit.

TA 101 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.

TA 103 Oral Interpretation (3) This course consists of the study, analysis, and preparation of prose, poetry, and dramatic literature for oral presentation.

TA 105 Fundamentals of Acting (3) (GE) 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.

TA 111 Introduction to Technical Theatre I (3) (GE) This course is an introduction to the total spectrum of technical theatre. 10 hours/week lab required.

TA 112 Introduction to Technical Theatre II (3) This course consists of further exploration of the rudiments of technical theatre (lighting, properties, set construction, etc.). Prerequisite: TA 111 or permission of the instructor. Ten hours/week lab required.

TA 117 Introduction to the Theatrical Arts (3) (GE) 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. Studio fee may apply.

TA 200 Theatre Practicum (1-2) This course consists of practical work on stage productions generally in a crew capacity and is open to all Lindenwood students. Course numbers in the upper division reflect more sophisticated and responsible participation. All practicum students are expected to attend two practicum work days during the course of a semester. Repeatable for credit. Prerequisite: TA 100 or permission of the instructor.

TA 201 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 101 or permission.

TA 204 Stage Voice and Movement (3) This course examines the basic exploration of the actor's voice and body as psychologically and physically responsive instruments. Prerequisites: TA 101 or permission of the instructor.

TA 207 Introduction to Theatrical Design (3) This course is an exploration of the principles of stage scenery and lighting in visualizing the ideas required by a stage production. Skills are focused on research, the design concept, and practical drafting, models, and renderings. Projects for presentation include drama, musicals and dance, and serve as a foundation for developing student portfolios. Prerequisite: TA 111 and TA 112.

TA 209 Intro to Costume Design (3) This course is an introduction to the process of costume design. Prerequisite: TA 111, AFD 212/TA 212 or equivalent.

TA 210 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.

TA 212/AFD 212 Beginning Costuming and Fashion Design Studio (3) This course focuses on the basic components of clothing and costume construction techniques. Studio feature of the class will provide students in Theatre and Fashion Design opportunities to work together and within their specific areas of study on various projects. Studio fee may apply. Should be taken concurrently with TA 230/AFD 230.

TA 216 Stage Make-up (3) Students will develop techniques in the design and application of stage make-up. Studio fee will apply.

TA 230/AFD 230 Patternmaking I (3) This course examines the development of the basic sloper for patternmaking and its manipulation to create original designs by the flat pattern method. Should be taken concurrently with AFD 212/TA 212.

TA 235/AFD 235 Patternmaking II (3) This course is a continuation of sloper manipulation for flat pattern design. Prerequisite: AFD 230/TA 230.

TA 300 Theatre Practicum (1-2) This course consists of practical work on stage productions generally in a crew capacity and is open to all Lindenwood students. Course numbers in the upper division reflect more sophisticated and responsible participation. All practicum students are expected to attend two practicum work days during the course of a semester. Prerequisite: TA 200 or permission of the instructor. Repeatable for credit.

TA 301 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. Prerequisites: TA 101 and TA 201. Repeatable for credit.

TA 303 Seminar in Musical Theatre (3) This is an advanced studio course focusing on various components of musical theatre performance. Repeatable for credit. Prerequisites: TA 101, 201, 2 hours from MUS 104, MUS 204, MUS 304, and/or MUS 404 plus, 3 hrs. Tap from DAN 211, DAN 212, DAN 311, Dan 312, DAN 411, and/or DAN 412 and 3hrs. Jazz dance from DAN 204, DAN 205, Dan 304, DAN 305, DAN 306, DAN 404, DAN 405, and/or DAN 406.

TA 304 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. Prerequisites: ENG 170, TA 101, TA 201.

TA 305 Scenography (3) This course is an exploration of the European approach to stage productions in which a scenographer creates the total visual environment including sets, lights, and costumes. The conceptualization process will be examined through script analysis and graphic projects exploring traditional, non-traditional, and naturalistic approaches to stage productions. Prerequisite: TA 111, TA 112, or permission. This course should be taken concurrently with TA 306.

TA 306 Directing (3) This course consists of fundamental theory and practice for the stage director. This course should be taken concurrently with TA 305. Prerequisite: TA 201, TA 304, or permission of the instructor.

TA 317/ART 371 History of Costume and Fashion (3) (GE/CC) This course is structured as an overview of the history of Western dress. Prerequisites: ART 220 or permission of the instructor.

TA 335/ENG 335 Modern Drama (3) (GE/CC) This course is a study of directions in modern and contemporary drama from Ibsen to the present. including realistic, naturalistic, symbolist, poetic, expressionist, existentialist, "epic," and experimental plays. Prerequisite: ENG 170 or permission.

TA 336 Survey of Dramatic Literature (3) (GE/CC) This course examines all major periods of the Western World from ancient Athens to the present. Prerequisite: ENG 170 or permission.

TA 350 Directing II (3) This course consists of further study of directing as a process culminating in the direction of a short public performance. Prerequisite: TA 306 with a grade of B or better. Studio fee may apply.

TA 370 History of Theatre (3) (CC) This course is the study of drama in form and production, and its basis in historical and contemporary culture. Prerequisite: ENG 170 or permission.

TA 386 Special Topics (3) This course is a focused examination of a specific subject in the field of theatre. May be repeated as topics vary. Lab fees may apply to some topics.

TA 400 Theatre Practicum (1-2) This course consists of practical work on stage productions generally in a crew capacity and is open to all Lindenwood students. Course numbers in the upper division reflect more sophisticated and responsible participation. All practicum students are expected to attend two practicum work days during the course of a semester. Prerequisite: TA 300 or permission of the instructor. Repeatable for credit.

TA 401 Advanced Acting Studio (3) This course is designed to be an advanced acting class for scene work and acting styles. Topics will include Shakespeare, comedy, Neoclassic, Restoration, and various other styles. Repeatable for credit. Prerequisites: TA 101 and TA 201.

TA 404 Applied Design and Technical Theatre Studio (3) This course is based in practical design and technical theatre work from conceptualization to actualization on a fully realized production, concentrating on style, period, and genre of the piece.

Specific application of technical related skills are a major part of this course. May be repeated for credit with the permission of the instructor. Prerequisites: TA 111, TA 112, and TA 207.

TA 405 Advanced Costume and Fashion Design Studio (3) This studio course introduces the student to the process of creating original designs. Prerequisites: AFD 212/TA 212, TA230/AFD 230. Studio fee may apply.

TA 406 Advanced Directing (3) This course offers advanced exercises in analysis and style leading to the production of a one-act play. Prerequisite: TA 350 with letter grade of B or above and permission of the instructor. Repeatable for credit. Studio fee may apply.

TA 407 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. Repeatable for credit. Prerequisite: TA 207.

TA 408 Advanced Lighting Design Studio (3) This studio 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. Repeatable for credit. Prerequisite: TA 207.

TA 409 Advanced Costume Design Studio (3) This studio 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. Repeatable for credit. Prerequisite: TA 209, TA 212/AFD 212, TA 230/AFD 230.

TA 430 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, voice and movement studies. Prerequisites: TA 101, 201, 301 and/or 401 or permission.

TA 465 Professional Internship (1-6) The student will work for a professional theatre in a capacity related to his or her emphasis. Prerequisite: Student must have achieved at least sophomore standing and must have the supervising instructor's permission.

TA 480 Senior 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: Senior standing and permission of the instructor.

TA 499 Senior Project (1) All senior level B.F.A. students must enroll in this course which is a culmination of their work at Lindenwood. Each student will meet in consultation with a faculty member to develop his/her senior project. In all cases, a proposal for the senior project must be submitted in writing and approved by the faculty sponsor. Whenever possible, the proposal should be submitted the semester before the project in question. A studio fee may be assessed.

Faculty

Abbott, Marilyn S. (1997)

Professor of Biology and Dean of Sciences
A.B., Indiana University, Ph.D., Purdue University; Postdoctoral
Fellow, Harvard University Biological Laboratories

Alameda, Annie (2007)

Assistant Professor of Physical Education
B.S., Illinois State University; M.S., Saint Louis University

Alsobrook, Joseph A. (2004)

Assistant Professor of Music, Music Program Manager, and Band
Director
B.A., Southwestern Oklahoma State University; M.A., Education,
Lindenwood University

Ammann, Elizabeth M. (1983)

Associate Professor of Management
B.S., Southern Illinois University-Carbondale; M.B.A., Southern
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Andreoff, Marsha (2006)

Assistant Professor of Counseling
B.A., Saint Louis University; M.Ed., Wayne State University; M.A.,
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Arns, David H. (1999)

Program Manager of Marketing and Program Manager of Marketing
B.S., Southern Illinois University-Carbondale; M.S., Southern
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Ayres, Deb (2008)

Assistant Professor of Education
B.S., Missouri State University; M.S. University of Missouri-St.
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Ayyagari, Rao (1983)

Professor of Biology
M.S., Bombay University; M.S., Ph.D., Loyola University of
Chicago, Post-doctoral work at University of California-Davis

Balogh, Alexander (2005)

Assistant Professor of English
B.A., University of Oregon; M.A., Southern Illinois University-
Carbondale

Barnes, Janet L. (2007)

Assistant Professor of Education
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Beckerle, Jack (2001)

Associate Professor of Nonprofit Administration
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Bell, John David (1992)

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Best, Kristen (2006)

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Bice, Cynthia (2006)

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Programs
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Biggerstaff, Randy (1997)

Associate Professor of Education and Athletic Trainer
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Billhymer, Curtis (1991)

Professor of Communications
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Biri, Colleen (2003)

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Bobo, Luke B. (2007)

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Boyd, James W. (2008)

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Briones, Marella (2005)

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Carper, Michael (2006)

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Castro, Michael (1980)

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Corbin, G. Paul (2004)

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Delgado, Ricardo A. (2006)

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Dey, Sajalendu (2004)

Professor of Physics
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Clusters
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Evans, James D. (1974)

Professor of Psychology and President
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Ezvan, Mira (1984)

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Fournier, Rift (2006)

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Assistant Professor of Theatre and Fashion Design
B.F.A., Webster University; M.A., Washington University; M.F.A.,
University of Iowa

Gismegian, Mary (2001)

Assistant Professor of Education
B.S., Southern Illinois University; M.A., Lindenwood University

Glover, Kyle S. (1998)

Professor of English and Program Manager of English
B.A., Oklahoma Baptist University; M.A., Baylor University; Ph.D.,
University of Missouri-Columbia

Godar, Tom (2003)

Assistant Professor of Education and Athletic Trainer
B.S., Southern Illinois University-Carbondale; M.S., Lindenwood
University

Golik, Wojciech L. (2001)

Professor of Mathematics and Mathematics Program Manager
B.S., M.S. Poznan University of Technology, Poznan, Poland;
M.S., Ph.D., New Mexico State University

Gorzynski, Richard (2001)

Assistant Professor of Physical Education
B.S., M.A., Truman State University

Granda, Larry M. (2007)

Assistant Professor of Mathematics
B.A., B.S., Webster University; M.A., Ph.D., Saint Louis University

Green, Christina Marie (1999)

Associate Professor of English
B.A., Regis University; M.A.T., Webster University;
M.A., University of Missouri-St. Louis

Gregory, Ted (2003)

Associate Professor of Theatre and Program Manager of Theatre
B.A., Lindenwood University; M.F.A., University of Texas-Austin;
Herbert Beghof Studios, New York; Royal Academy of Dramatic
Arts-London, England

Griffin, Peter H. (1989)

Professor of History and Program Manager of History
B.A., M.A., Ph.D., University of California-Santa Barbara

Grooms, Pamela (2007)

Assistant Professor of Music
B.A., Central Missouri State University; M.A., University of
Missouri-St. Louis

Haghighi, Shawn (2001)

Associate Professor of Mathematics and Computer Science and
Program Manager of Computer Science
B.S., University of Tennessee; M.S., Fontbonne University

Hammond, Kay A. (1998)

Assistant Professor of Management
B.A., M.B.A., Lindenwood University

Hardman, James R. (Jay) (2000)

Associate Professor of Management
B.A., Duquesne University; M.H.A., Baylor University; F.A.C.H.E.

Hargate, Jon Grant (1992)

Associate Professor of Art
A.A., Meramec Community College; B.F.A., Southern Illinois
University-Edwardsville; M.F.A., University of Cincinnati

Hauck, John (2004)

Associate Professor of Physics
B.S. Parks College of Saint Louis University; M.S., Georgia Institute
of Technology; Ph.D., University of Missouri-Columbia

Heidenreich Jr., Donald (2000)

Professor of History and Dean of Humanities
B.A., San Francisco State University; M.A., University of Arizona;
Ph.D., University of Missouri-Columbia

Helton, Rebecca A. (1999)

Associate Professor of Biology
B.A., B.S., University of Missouri-Kansas City; M.D., University of
Kansas Medical Center

Hendrix, Evelyn K. (2007)

Assistant Professor of Management and Program Manager of Human Resource Management
B.A., Southern Illinois University-Carbondale; M.B.A., Louisiana State University; D.Psy., George Mason University

Heyder, Betty B. (2000)

Professor of Foreign Languages and Program Manager of Foreign Languages
B.A., University of Oklahoma; M.A., New York University in Spain; Ph.D., New York University, NY

Heyn, Hollis Carolyn (1996)

Associate Professor of English
B.A., Lindenwood University; M.A., Southern Illinois University

Hickenlooper, George L. (1992)

Professor of English
B.S., Georgetown University; M.A., Washington University; D.F.A., Yale University

Highley, Shannon J. (2007)

Assistant Professor of Management
B.A., B.S., M.B.A., Southern Illinois University-Edwardsville

Hopkins, Debbie L. (2005)

Professor of Geology
B.S., University of Utah; M.S., University of Utah; Ph.D., Virginia Tech

Horstmeier, James (1996)

Assistant Professor of Education and Director of Human Resource Management
B.S., University of Missouri; M.S., Lindenwood University

House, Steve (2003)

Associate Professor of Christian Ministry Studies,
Director of the Center for Christian Ministry Studies, and Program Manager of Christian Ministry Studies
B.S., University of Missouri-Columbia; M.Div., Asbury Theological Seminary; D.Min., Oral Roberts University School of Theology

Hudgins, Molly (2003)

Assistant Professor of Management and Program Manager of Sport Management
B.S., Southern Illinois University-Carbondale; M.S., Florida State University; J.D., University of Tennessee College of Law

Hurst, Spencer (2000)

Associate Professor of English
B.A., Westminster College; M.B.A., Southern Illinois University-Edwardsville; M.F.A., University of Missouri-St. Louis

Isenhour, Tonie J. (1984)

Assistant Professor of Psychology
B.A., M.A., Lindenwood University

Jacobsen, G. Michael (2004)

Professor of Social Work and Program Manager of Social Work
B.G.S., University of Iowa; M.S.W., Ph.D., University of Iowa

Johnson, Debra L. (2003)

Associate Professor of Criminal Justice and Social Work and Program Management of Criminal Justice
B.S.W., Southeast Missouri State University; M.S.W., Washington University

Johnson, Emilie Wright (1999)

Professor of Education
B.S., M.S., Missouri State University; Ph.D., Saint Louis University

Johnson, Kenneth (1996)

Professor of Education
B.S., Central Missouri State University; M.Ed., University of Missouri-Columbia; Ed.D., Southern Illinois University-Edwardsville

Johnston, Christopher (2006)

Assistant Professor of Mathematics
B.S., University of Missouri-Columbia, M.A., Michigan State University, Ph.D., Northeastern University

Johnston, Gail (2003)

Professor of Biology
B.S., M.S., Mississippi State University; Ph.D., Southern Illinois University-Carbondale

Jones, Eve M. (2007)

Assistant Professor of Humanities and Director of the MFA in Writing Degree Program
B.S., M.F.A., University of Missouri-St. Louis

Kaminski, Virginia (1996)

Professor of Education
B.A., Webster University; M.A., Ph.D., Saint Louis University

Kamm, Judy K. (1996)

Associate Professor of Management
B.S., M.A., University of Missouri-St. Louis

Karraker, Holly Beth (2007)

Assistant Professor of School Counseling
B.A., M.A., Ph.D., Saint Louis University

Keao, Ellen (2005)

Assistant Professor of History
B.A., Webster; M.A., Saint Louis University; ABD, Saint Louis University

Kelly, Bruce (2001)

Associate Professor of Psychology and Program Manager of Psychology
B.S., Southeast Missouri State University; Ed.M., University of Illinois; M.A., M.S., Lindenwood University; Ed.D., University of Illinois

Kemper, Daniel W. (1989)

Associate Professor of Management/Director of Business Administration Degree Programs in LCIE and Dean of LCIE
B.S., M.B.A., Lindenwood University; Diploma-Funeral Service, Worsham College of Mortuary Science

Kerksiek, Jo Ellen (1997)

Professor of History
B.S., M.A., Northwest Missouri State University; Ph.D., University of Kansas

Knotts, David (2005)

Associate Professor of Forestry, Recreation, Interpretation and Dean of the Boone Campus
B.S., Brigham Young University; M.S.F., Ph.D., Stephen F. Austin State University

Kottmeyer, Rita (1990)

Professor of Mathematics, Director of Mathematics/Natural Science Clusters, and Director of Information Technology Degree Programs
B.S., M.A., Ph.D., Saint Louis University

Kubicek, Kenneth (2006)

Assistant Professor of Education
B.S., M.S., Southern Illinois University-Edwardsville; Ph.D., Saint Louis University

Lively, Jason Dude (2007)

Associate Professor of Communications and Program Manager of Multimedia
B.S., Howard Payne University; M.B.A., Tarleton State University; Ph.D., Nova Southeastern University

Manjounes, Cindy (2006)

Assistant Professor of Health Management and Director of Gerontology and Health Management Degree Programs
B.A., University of Missouri-St. Louis; M.S., Lindenwood University

Marhanka, Darren (2004)

Assistant Professor of Criminal Justice and Cycling Coach
A.A.S., Florissant Valley Community College; B.A., M.B.A., Lindenwood University

Mason, Michael M. (1991)

Professor of Religion and Program Manager of Religion
B.S., Iowa State University; M.A., Loras College;
M.Div., University of Dubuque Theological Seminary; D. Min., San Francisco Theological Seminary

Matthews, William L. (Larry) (2000)

Professor of Education and Mathematics
B.S., The University of Tennessee-Knoxville; M.S., The University of Tennessee-Martin; Ph.D., Saint Louis University

Mead, Mary Elizabeth (2004)

Assistant Professor of Communication and Director of Humanities, Social Science and Cross Cultural Clusters, and Fire Science Management Degree Program
B.A., M.F.A., University of Missouri-St. Louis

Menninga, Nadine L. (2007)

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Mettler-Cherry, Paige (2004)

Assistant Professor of Biology and Program Manager for Biology
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Meyers, Alan G. (1989)

Professor of Religion
A.B., Princeton University; M. Div., Princeton Theological Seminary; Ph.D., Union Theological Seminary in Virginia

Morris, Edward L. (2002)

Professor of Management and Dean of Management
B.A., Washington University; M.B.A., University of Pennsylvania; Ph.D., Saint Louis University

Mueller, Carla (1998)

Associate Professor of Social Work and Dean of Human Services
B.S., Southern Illinois University-Carbondale; M.S.W., University of Illinois-Champaign-Urbana; Post-graduate studies, University of Illinois-Chicago

Munro, Janice (2006)

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B.A., M.Ed., Ed.D., University of Missouri-St. Louis

Nack, Donna (2004)

Assistant Professor of Education
B.A., Harris-Stowe; M.A., Truman State University; Ed.S., Truman State University; Ed.D., Lindenwood University

Nagel, Shawn (2004)

Assistant Professor of Physical Education and Assistant Football Coach
B.S., Fort Hays State University; M.S. Ed., University of Kansas

Najjar, Annette Juliana (2001)

Associate Professor of Management
B.A., University of West Indies; B.Ed., University of Toronto; M.B.A., Millsaps College; Ph.D., Kennedy-Western University

Nicolai, Deborah (1993)

Assistant Professor of Communications
B.A., M.A., Lindenwood University

Nohara-Leclair, Michiko (2002)

Associate Professor of Psychology
B.S., University of Toronto; M.S., University of Waterloo; Ph.D., University of Connecticut, Postdoctoral Fellow, Concordia University (Montreal) & University of Kansas

Northcott, Donna (2007)

Assistant Professor of Theatre
B.A., Saint Louis University, M.A., Northwestern University

Oldani, John (2007)

Associate Professor of Education and Vice President for Student Development
B.A., M.S.Ed., Southern Illinois University-Carbondale; M.Ed., Ed.D., University of Missouri-St. Louis

Otto, Donald C. (1998)

Associate Professor of Management
B.A., Westminster College; Woodrow Wilson Fellow, Washington University, M.A., Webster University

Overall, Gene (2006)

Assistant Professor of Criminal Justice
B.A., Arkansas State University; M.A., Webster University; J.D., Saint Louis University

Panagos, Rebecca Jean (1996)

Professor of Education
B.A., M.A., Louisiana Tech University; Ph.D., University of Missouri-Columbia

Parker, Marsha Hollander (1987)

Professor of Fine and Performing Arts and Dean of Fine and Performing Arts
B.A., M.F.A., Lindenwood University

Patterson, Marilyn Miller (1992)

Professor of Psychology
B.A., Florida State University; M.S., Ed.D., Memphis State University

Patzius, Billi J. (2007)

Assistant Professor of Criminal Justice and Director of Hospitality Services Management Degree Program
B.A., University of Missouri-St. Louis; M.A., University of Missouri-St. Louis

Pavelec, Tammi Gahimer (2000)

Associate Professor of Chemistry
B.S., Ohio State University; M.S., Ph.D., University of Missouri-St. Louis

Peckron, Kathy Bearden (2008)

Assistant Professor of Education
B.S., University of Missouri-Columbia; M.S. University of Missouri-St. Louis; Ph.D., University of Missouri-Columbia

Perantoni, Edward (1994)

Associate Professor of Earth Sciences
B.S., University of Nebraska; B.S., Maryville College; M.A., California State University; Graduate Certificate in Meteorology, University of Oklahoma

Pettit, Thomas (2006)

Assistant Professor of Communications
B.A., M.A., University of Kansas

Plate, Daniel (2004)

Assistant Professor of English
B.A., Taylor University; M.F.A. University of Arkansas; M.A., Washington University; Ph.D., Washington University

Poertner, Tim (2008)

Associate Professor of Theatre
B.A. University of Missouri-Columbia, M.F.A., University of Texas-Austin

Porter, Renee (2007)

Assistant Professor of Management and Program Manager of Management
B.S., University of Southern Mississippi; M.B.A. Southern Illinois University-Edwardsville; Ph.D., Saint Louis University

Powers, P. Joseph (2007)

Assistant Professor of Education
B.A., Southeast Missouri State University; M.A., Southern Illinois University-Carbondale; Ph.D., Saint Louis University

Qualls, Melissa (2002)

Assistant Professor of English and Director of English Preparedness Program
B.A., M.A., Truman State University

Quiggins, Larry (2002)

Associate Professor of Fine and Performing Arts
B.A., M.F.A., Lindenwood University

Reighard, Richard (1987)

Associate Professor of Communications and KCLC Operations Director
B.A., M.A., Lindenwood University

Russell II, Keith A. (2007)

Assistant Professor of Humanities
B.A., Truman State University; M.A., Southeast Missouri State University; Ph.D., Southern Illinois University-Carbondale

Sakahara, Suzanne A. (1978)

Associate Professor of Art
B.S., Fontbonne College; M.A., Saint Louis University; M.A., Washington University

Schneider, Nancy (1999)

Associate Professor of Education
B.S., M.S., Ed.S., Southwest Missouri State University; Ed.D., University of Missouri-Columbia

Scholle, Benjamin A. (2002)

Associate Professor of Communications and Program Manager of Video
B.A., Washington University; M.F.A., American University

Schnellmann, Ana (1995)

Professor of English
B.A., The College of St. Benedict; Graduate Certificate, M.A., Ohio University; Ph.D., Saint Louis University

Schroeder, Jill (2006)

Assistant Professor of Communications
B.A., Eastern Illinois University; M.A., University of Illinois

Schuler, Craig (2004)

Assistant Professor of Education, Assistant Football Coach, and Fitness Center Supervisor
B.A., Benedictine College; M.Ed., University of Kansas

Scribner, Christopher. (2000)

Professor of Psychology
B.A., Earlham College; Ph.D., University of Tennessee

Scupin, Ray (1981)

Professor of Sociology and Anthropology and Program Manager of Anthropology and Sociology
B.A., University of California-Los Angeles; M.A., Ph.D., University of California-Santa Barbara

Smith, Jeffrey (1996)

Professor of History
B.A., Mount Union College; M.F.A., Syracuse University; Ph.D., University of Akron

Smith, Kris Runberg (2002)

Assistant Professor of History
B.A., University of Idaho; M.A., Washington State University; Ph.D. Saint Louis University

Soda, Dominic (1969)

Professor Emeritus of Mathematics and Computer Science and Chief Information Officer
B.S., Queen's University; M.Sc., University of Missouri-Rolla; Ph.D. Yale University

St. Clair, Terry L. (2004)

Assistant Professor of Criminal Justice and Director of Criminal Justice Degree Programs
A.S., Drury College; B.S., Tarkio College; M.S., Lindenwood University

Stein, Michael Carl (1992)

Professor of Sociology
B.A., M.A., Southern Illinois University; Ph.D., University of Nebraska-Lincoln

Stephens, Robert J. (2007)

Associate Professor of Humanities
B.A., Missouri State University; M.A., University of Kansas; Ph.D., University of Iowa

Stewart, Terrance A. (2007)

Assistant Professor of Education
B.S., University of Missouri-Columbia; M.S., Central Missouri State University; Ed.S., University of Missouri-Columbia; Ed.D., University of Missouri-Columbia.

Strzelec, Janet (2005)

Assistant Professor of Dance and Program Manager of Dance
B.S., Southern Illinois University-Edwardsville; M.F.A., Lindenwood University

Talbott, F. Robert (2007)

Assistant Professor of Management and Program Manager of Management Information System
B.S., Southern Illinois University-Edwardsville; M.B.A., Lindenwood University

Thies, Jeanie (2007)

Assistant Professor of Criminal Justice
B.A., University of Missouri-Columbia; M.A., Ph.D., University of Missouri-St. Louis

Thomason, Andrew (2004)

Assistant Professor of English and American Studies
B.A., Lindenwood University; M.A., M.L.A., Washington University

Thouvenot, Frank (2005)

Assistant Professor of Education
B.S.E., M.Ed., University of Missouri-St. Louis; Ph.D., Saint Louis University

Tillinger, Elaine C. (1991)

Professor of Art and American Studies
B.A., University of Missouri-St. Louis; M.A., Ph.D., Saint Louis University

Towers, Donna (2001)

Assistant Professor of Education
B.S., Lindenwood University; M.A., Ed.S., Northeast Missouri State University; Ed.D., California Coast University

Tretter, Sue Ann (1994)

Professor of English and American Studies
B.A. Maryville University; M.A.T., Webster University; M.A., Ph.D., Saint Louis University

Troy, John (2002)

Associate Professor of Art and Program Manager of Art
B.F.A., Washington University; M.F.A., Temple University

Turner, Julie (2007)

Assistant Professor of Human Services
B.A., Hope College; M.A., Michigan State University; Ph.D., University of Missouri

Vahle, William B. (2004)

Assistant Professor of Management and Tennis Coach
B.S., Purdue University; M.B.A., University of Michigan

Van Dyke, C. Renee (2001)

Associate Professor of Mathematics and Computer Science
B.S., Towson State University; M.S., Midwestern State University

Vazis, Dean (2006)

Assistant Professor of Education
B.S., Southwest Missouri State University; M.A., Truman State University; Ed.S., Ed.D., University of Missouri-Columbia

Vitale, Cynthia (2004)

Assistant Professor of Education and Dean of Graduate Programs in Education
B.S.E., M.Ed., Ed.D., University of Missouri-St. Louis

Wall, Mike (2001)

Associate Professor of Communications, Program Manager of Mass Communications, Dean of Communications, and KCLC Radio General Manager
B.A., M.A., Lindenwood University

Walsh, Donnell (1991)

Professor of Theatre
B.A., University of San Francisco; M.F.A., Stanford University

Weitzel, Jann Rudd (1995)

Professor of Education and Vice President for Academic Affairs and Provost
B.A., M.A., University of Northern Iowa; Ph.D., University of Iowa

West, Joyce (2007)

Assistant Professor of Education
B.A., Washington University; M.A.T., University of North Carolina; Ph.D., Saint Louis University

Whaley, Michael J. (2002)

Associate Professor of History
B.A., University of Missouri-Columbia; M.A., University of Missouri-St. Louis; ABD, Southern Illinois University

White, Scott D. (2002)

Assistant Professor of Management and Program Manager of Accounting
B.S., M.Acc., University of Missouri-Columbia

Wiedner, Ralph C. (2002)

Assistant Professor of Management
B.S., Washington University; M.A., Lindenwood University

Williams, Wm. Shane (2005)

Assistant Professor of Music
B.S., Austin Peay State University; M.M., University of Missouri-Columbia

Williamson, Shane Y. (2007)

Associate Professor of Education and Director of First-Year Programs
B.S.B.A., M.S., Shippensburg University; Ed.D., Rutgers University

Witherspoon, Pernell (2005)

Assistant Professor of Criminal Justice
B.S., M.S., A.B.D., University of Missouri-St. Louis

Wright, Paul (2007)

Associate Professor of Education, Track and Field Coach
B.S. M.A., Clemson University; Ph.D., University of Utah

Young, Delaine C. (2001)

Associate Professor of Education and Athletic Trainer
B.A., Lakeland College; M.Ed., Southern Illinois University-Edwardsville

Staff with Faculty Rank

Ahne, Kelly (1993)

Assistant Professor of Management and Accounting Assistant
B.A., University of Missouri-Columbia; M.B.A., Lindenwood University

Barger, Brett (2005)

Assistant Professor of Management, and Dean of Evening Admissions and Extension Campuses
B.A., M.B.A., Lindenwood University

Bezemes, Peter (2008)

Executive Director of the Center for Fine and Performing Arts
B.A., Lindenwood University; M.S., Boston University

Creer, John (1991)

Assistant Professor of Physical Education, Dean of Intercollegiate Athletics and Recreational Sports
B.A., Western Michigan University; M.S.Ed., Troy State University

Cribbin, Jack (2007)

Assistant Professor of Education, Admissions and Financial Aid Counselor, and Women's Lacrosse and Field Hockey Coach
B.A., M.A., Lindenwood University

Dickherber, David (1998)

Assistant Professor of Management and Spirit Shoppe Manager
B.A., Southern Illinois University-Carbondale; M.B.A., Lindenwood University

Dorlac, Michael Anthony (2006)

Assistant Professor of Education and Librarian
B.A., Webster University; M.A., University of Missouri-Columbia

Edele, Susan (2007)

Assistant Professor of Humanities and Writing Center Coordinator
B.S., Truman State University; M.A., University of Missouri-St. Louis

Edwards, George (2006)

Assistant Professor of Education and North County Coordinator
B.S., University of Arkansas-Pine Bluff; M.A., Truman State University

Feely, John (1996)

Assistant Professor of Humanities and Associate Dean of Graduate Education Initiatives
B.A., Lindenwood University; M.Ed., University of Missouri-St. Louis

Finnegan, Barry (2002)

Assistant Professor of Management and Associate Dean of Academic Services
B.A., M.B.A., Lindenwood University

Gleason, Suzanne (2006)

Assistant Professor of Education and Librarian
B.A., University of Nebraska-Lincoln; M.A., University of Missouri-Columbia

Guffey, John (1989)

Assistant Professor of Management, Dean of Enrollment Management, and Student Ombudsman
B.A., Benedictine College; M.A., Truman State University

Guffey, Ryan (2003)

Assistant Professor of Humanities and Assistant Vice President for Student Development
B.S., M.B.A., Lindenwood University; M.A., International Politics, Queen's University, Northern Ireland; Ph.D. Candidate, Saint Louis University

Hannar, Christine (2007)

Assistant Professor of Management and Registrar
B.A., M.B.A., Lindenwood University

Harris, Edward (2003)

Assistant Professor of Education and Assistant Track and Field Coach
B.S., Central Missouri State University; M.S., Ed.S., Southern Illinois University-Edwardsville

Hart, Cathy (2003)

Assistant Professor of Management and Director of Student Success Center
B.S., University of Missouri-Columbia; M.S., Lindenwood University

Hess, Amy (2006)

Assistant Professor of Management and Accountant
B.A., M.B.A., Lindenwood University

Hubenschmidt, Carl (2000)

Assistant Professor of Education and Reference Librarian
B.S., University of Missouri-Rolla; M.A., University of Missouri-St. Louis

Huss, Francis C. (1996)

Associate Professor of Education and Graduate Education Consultant
A.B., M.Ed., University of Missouri; Ph.D., Saint Louis University

Hutter, Carl (1993)

Assistant Professor of Management, Assistant Athletic Director-Stadium Sports, Admissions and Financial Aid Counselor, and Men's Soccer Coach
B.A., Missouri Valley College; M.S., Lindenwood University

Ingram, Daniel (2005)

Assistant Professor of Science and Director of Enhanced Learning Center
B.S., M.B.A., Lindenwood University

Jackson, Chanda (1995)

Assistant Professor of Management and Assistant Athletic Director
B.S., Washington University; M.B.A., Lindenwood University

Johnson, Sheri Beth (2005)

Assistant Professor of Management and Controller
B.S., M.B.A., University of Missouri-St. Louis

Jump, James (2003)

Assistant Professor of Management and Site Director NorthCounty
B.A.A., Western Michigan University; M.B.A., Lindenwood University

Kaminski, Laurie (2004)

Assistant Professor of Management, Women's Soccer Coach, and Assistant Softball Coach
B.A., Saint Louis University; M.A., Lindenwood University

Kapeller, Terry (1993)

Assistant Professor of Management and Chief Business Officer
B.A., Tarkio College; M.B.A., Lindenwood University

Kruse, Robert C. (2008)

Assistant Professor of Mathematics and Assistant Information Services Administrator
B.S., Lindenwood University; M.A., University of Missouri

Little, George (2007)

Assistant Professor of Management, Women's Basketball Coach, and Event Supervisor
B.A., Columbia College; M.A., Lindenwood University

Mahan, Dale (2002)

Assistant Professor of Information Services, LCIE
B.S., Webster University; M.B.A., Lindenwood University

Marler, Sara (2007)

Assistant Professor of Humanities and English Proficiency Coordinator
B.A., Truman State University; M.A., Southern Illinois University-Edwardsville

Morros, Boyd Richard (2008)

Professor of Education and Interim Dean of the Belleville Campus
B.A., M.A., Ph.D., Washington University

Morros, Lucy S. (2007)

Professor of Humanities and Vice President for Institutional Advancement
B.A., M.A., Ph.D., Washington University

MacDonald, Elizabeth B. (2003)

Assistant Professor of History and Director of Library Services
B.S., M.A., Southern Illinois University-Edwardsville; M.A., University of Missouri-Columbia

Miller, Abby (2007)

Assistant Professor of Education and Athletic Trainer
B.S., Central Methodist College; M.A., University of Nebraska-Kearney

Miller, Amy (2007)

Assistant Professor of Sciences and Site Director-Westport
B.S., Ashland University; M.S., University of Akron

Mueller, Julie M. (2000)

Assistant Professor of Management, Vice President for Operations and Finance, and Chief Operating Officer
R.N., Deaconess College of Nursing; B.A., Tarkio College; M.B.A., Lindenwood University

Parisi, Joseph A. (1998)

Assistant Professor of Human Services, Dean of Undergraduate Admissions, and Wrestling Coach
A.A., St. Louis Community College at Meramec; B.S., Missouri Valley College; M.S., Lindenwood University

Penrose, Craig (2001)

Assistant Professor of Education and Swimming and Diving Coach
B.S., Southeast Missouri State University; M.B.A., Lindenwood University

Radcliff, Mary (2004)

Assistant Professor of Education and Director of Community Development—Belleville Campus
B.A., M.A., Lindenwood University

Raisbeck, Rene (2006)

Assistant Professor of Management and Student Athletic Eligibility Officer
B.A., M.S., Lindenwood University

Reid, Terry (2002)

Assistant Professor of Education and Southwest Missouri Coordinator
B.S., M.S., Ed.S., Southwest Missouri State University; Ed.D., University of Missouri-Columbia

Ross, Patrick (2004)

Assistant Professor of Management and Football Coach
B.A., University of Puget Sound; M.B.A., Kansas Wesleyan University

Rothermich, Don (2007)

Assistant Professor of Management and Admissions and Financial Aid Counselor
B.A., M.B.A., Lindenwood University

Russell, Terry (2000)

Assistant Professor of Human Service Agency Management and Dean of Students
B.A., M.A., Lindenwood University

Simmons, Kathy (2008)

Assistant Professor of Education and Grants Manager
B.S., University of Missouri-St. Louis, M.S., Southern Illinois
University-Carbondale

Stuhler, Eric (2006)

Assistant Professor of Management, Director of Planned Giving, and
Internal Legal Counsel
B.A., Lindenwood University; J.D. University of Missouri-Kansas
City

Townsend, Maryann (1995)

Assistant Professor of Management and Assistant Dean of Academic
Services
B.A., M.B.A., Ed.D., Lindenwood University

Ulrich, Adam (1995)

Assistant Professor of Management and Director of Comprehensive
Academic Management System (CAMS)
B.A., M.B.A., M.A., Lindenwood University

Virgil, Candance (2003)

Assistant Professor of Management and Librarian
B.S., Washington University; M.A., University of Missouri-
Columbia

Vines, Shannon (2006)

Assistant Professor of Education and Director of Cooperative Credit
B.A., M.B.A., Lindenwood University

Voss, Edward (2006)

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Manager
B.A., University of Missouri; M.A., Webster University

Wallace, Tom (2008)

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Foundation Giving
B.A., University of Missouri-St. Louis; M.B.A., Saint Louis
University

Weber, Abigail E. (2008)

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Weinrich, Jeff (2007)

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