

BALL STATE UNIVERSITY

ACADEMIC POSTING

2013-2014

VOLUME XLV – 10

March 14, 2014

This posting may contain all or part of the following: new, revised, and dropped programs, courses and prefixes. The posting period begins March 17, 2014. If no demurrer is received within ten school days, the changes will be certified for implementation. *The effective date for implementing undergraduate materials posted after May 27, 2013 is Fall Semester 2014. Graduate materials posted after April 16, 2012 have an implementation date of Fall Semester 2014.*

INTERDEPARTMENTAL PROGRAMS

INTERDEPARTMENTAL (ID)

Correction:

101 Freshman Seminar (1-2) Through individual assessment, readings on issues in education, and academic portfolios, skills necessary for freshman-year success are learned.

Prerequisite: permission of the freshman academic advisor.

A total of 2 hours of credit may be earned.

COLLEGE OF APPLIED SCIENCES AND TECHNOLOGY

School of Physical Education, Sport, and Exercise Science

Revised:

EXERCISE SCIENCE MAJOR IN PHYSICAL EDUCATION, 59-72 hours

Concentration 1: Exercise science, 71-82 hours

Admission and retention standards

- Completion of BIO 111, PSYS 100, EXSC 292 or ANAT 201, CHEM 101 or 111, EXSC 190 (each with a C or better grade).
- Attain minimum overall GPA of 2.5 and EXSC major GPA of 2.75 at time of application.
- Completion of EXSC Advanced Program application.

Only students admitted into the EXSC program will be

eligible to take Advanced Program classes. Once admitted students will be expected to maintain the following standards in order to remain in the program:

- Maintain overall GPA of 2.5 and EXSC major GPA of 2.75.
- Earn a C or better in each class in the major.

Failure to attain these standards may result in dismissal from the program. Students may retake courses in order to improve academic standing, or appeal to the program coordinator for a waiver or one or more requirements.

PREFIX	NO	SHORT TITLE	CR HRS
Beginning Program Selection, 27-28 hours			
BIO	111	Principles of Biology 1	4
CHEM	101	Gen, Org, Biochem/Hlth Sci (5)	
		or	
	111	General Chemistry 1 (4)	4-5
EXSC	147	Weight Training	1
	190	Foundation of Exercise Science	3
	201	Physical Fitness Assessment	3
	293	Found Physiology and Exercise	3
	294	Anatomical Kinesiology	3
	292	Anatomy (3)	
		or	
ANAT	201	Fundamentals of Human Anatomy (3)	3
PSYS	100	Intro to Psychological Science	3

Advanced Program Selection, 17 hours

PEP	250	First Aid	2
EXSC	301	Fund of Exercise Prescription	3
	320	Resistance Training	3
	402	Advanced Fitness Assessment	3
	493	Advanced Exercise Physiology	3
FCFN	340	Prin of Human Nutrition	3

Guided Electives, 15-25 hours

Students must complete the requirements of at least one of the following elective concentrations.

Exercise Science: Basic and Applied Science concentration, 15 hours from

BIO	112	Principles of Biology 2 (4)	
CHEM	112	General Chemistry 2 (4)	
	231	Organic Chemistry 1 (4)	
	232	Organic Chemistry 2 (4)	
	360	Essentials of Biochemistry (4)	
EXSC	401	Prin of Electrocardiogram (3)	
	414	Biomechanics of Human Movement (3)	
FCFN	444	Sports Nutrition & Weight Ctrl (3)	
PHYC	110	General Physics 1 (4)	
	112	General Physics 2 (4)	
PHYS	411	Endocrinology (3)	
	413	Renal Physiology (3)	
	414	Cardiovascular Physiology (3)	
PSYS	241	Statistics (3)	15

Exercise Science: Health and Fitness concentration, 15 hours from

EXSC	148	Group Fitness Instructor	1
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14 hours from

AT	240	Prevention and Care of Injury (3)	
BUSA	302	Career Management (3)	
EXSC	360	Exercise Psychology (3)	
	401	Prin of Electrocardiogram (3)	
FCFN	444	Sports Nutrition & Weight Ctrl (3)	
HSC	462	Hlth Prmtn in the Worksite (3)	
ISOM	135	Business Information Systems (3)	
	251	Introductory Operations Mgt (3)	
MGT	300	Managing Behavior in Org (3)	
	241	The Entrepreneurial Experience (3)	
	361	Managing Human Resources (3)	
PEP	227	Intro Adapted Physical Ed/Act (3)	14

Exercise Science: Pre-Physical Therapy concentration, 24-25 hours from

ANAT	201	Fundamentals of Human Anatomy (3)	
CHEM	111	General Chemistry 1 (4)	
	112	General Chemistry 2 (4)	
MATH	161	Applied Calculus 1 (3)	
	181	Elementary Probability Stats (3)	
		or	
PSYS	241	Statistics (3)	
NUR	101	Termin/Health Care Prof & Cons (2)	
		or	
CC	102	Latin and Greek Terminology (3)	
PHYC	110	General Physics 1 (4)	
	112	General Physics 2 (4)	
PHYS	215	Human Physiology (5)	
PSYS	321	Developmental Psychology (3)	24-25

Exercise Science: Pre-Occupational Therapy concentration, 23-25 hours from

ANAT	201	Fundamentals of Human Anatomy (3)	
EDPS	270	Lifespan Development (3)	
NUR	101	Termin/Health Care Prof & Cons (2)	
		or	
CC	102	Latin and Greek Terminology (3)	
PHYC	110	General Physics 1 (4)	
PHYS	215	Human Physiology (5)	

SOC	382	Applied Social Statistics (3)	
		or	
HSC	387	Quant Methods and Epidemiology (4)	
PSYS	432	Abnormal Psychology (3)	
SOC	100	Principles of Sociology (3)	23-25

Internship requirements, 12 hours

To be eligible for the internship students must have taken all other required courses in the major, met all retention standards described above, complete a 90 hours non-credit practicum, and submitted an application prior to the appropriate deadline.

EXSC	479	Exercise Science Internship	12
			<hr/> 71-82 hrs

MASTER OF ARTS OR MASTER OF SCIENCE IN EXERCISE SCIENCE, 33-38 hours

Admission requirements

Applicants must meet the admission requirements of the Graduate School; have bachelor's degrees from regionally accredited institutions in education, physical education, biology, or other appropriate majors; have grade-point averages (GPA) of at least 2.75 on a scale of 4.0; and submit transcripts, three letters of recommendation, resumes, and the exercise science application form. Applicants for the exercise science degree must obtain approval from a review board in the area of specialization. Requirements include a GPA of at least 2.75 on a 4.0 scale and the Graduate Record Examination (GRE) general test. Students with satisfactory scores on the GRE will be considered for admission to the program. Any deficiencies must be made up through course work taken in addition to degree requirements.

Degree requirements

Students must complete a minimum of 33 hours of graduate courses including 6 hours of a thesis project (THES 698) for the master of science degree. Students electing THES 698 must take a final oral examination covering the thesis to be given by the thesis committee. In the exercise physiology and biomechanics specializations, the MS is the only degree option.

Biomechanics, 33 hours

Core requirements

EXSC	616	Motor Control	3
	634	Mechan Analysis of Movement	3
	651	Lab Techniques in Biomechanics	3
	652	Clinical Biomechanics	3
	655	Advanced Biomechanics	3

Research requirements

EXSC	611	Research Methods (Thesis) (3)	
EDPS	641	Statistical Methods (3)	
THES	698	Thesis (1-6)	12

6 hours from directed electives

BIO	548	Biometry (3)	
CS	699	Reading and Honors (3)	
EDPS	642	Intermediate Statistics (3)	
EXSC	603	Exercise Physiology 1 (3)	
	604	Resistance Training and Cond (3)	
	633	Seminar in Exercise Science (1-6)	6
			<hr/>
			33 hrs

MINOR IN AQUATICS, 18 hours

<i>PREFIX</i>	<i>NO</i>	<i>SHORT TITLE</i>	<i>CR HRS</i>
Common core, 12 hours			
AQUA	190	Introduction to Aquatics	3
	216	Lifeguard Training	3
	315	Water Safety Instructor (WSI)	3
	454	Pool Operations and Maint	3
			<hr/>
			12 hrs

Complete 6 hours from

AQUA	212	Aquatic Recreation Activities (3)	
	215	Intermediate Swimming (1)	
	219	Aquatic Sports Officiating (1)	
	313	Biomechanics of Aquatics (2)	
	314	Teach/Coach Swimming & Diving (3)	
	316	Aquatic Fitness Instructor (3)	
	404	Lifeguard Instructor (LGI) (3)	
	455	Aquatic Facilities Management (3)	
	456	Camp Waterfront Administration (2)	
	457	Aquatic Facility Design (2)	
	458	Aquatic Leadership Development (3)	6
			<hr/>
			18 hrs

MINOR IN SCUBA, 18 hours

<i>PREFIX</i>	<i>NO</i>	<i>SHORT TITLE</i>	<i>CR HRS</i>
Common core, 12 hours			
AQUA	190	Introduction to Aquatics	3
	216	Lifeguard Training	3
	315	Water Safety Instructor (WSI)	3
	454	Pool Operations and Maint	3
			<hr/>
			12 hrs
AQUA	220	Open Water Scuba	2
	221	Advanced SCUBA Diver	2
	355	Internship in Aquatics (1-3)	2
			<hr/>
			18 hrs

ATHLETIC TRAINING (AT)

Dropped:

492 Practicum 2 in Athletic Training (1-3)

Department of Technology

Revised:

TEACHING MAJOR IN TECHNOLOGY AND ENGINEERING EDUCATION, 39 hours

The Teaching Major in Technology and Engineering Education curriculum prepares students to teach pre-engineering and technology courses at the secondary level (grades 6-12).

<i>PREFIX</i>	<i>NO</i>	<i>SHORT TITLE</i>	<i>CR HRS</i>
MATH	111	Pre-calculus Algebra	3
PHYC	100	Conceptual Physics	3
TCST	250	Construction Methods Matls 1	3
TDPT	100	Technology and Society	3
	204	Energy Processing	3
	406	Technical Decision Making	3
TEDU	102	Design Techniques	3
	305	Technological Systems	3
	403	Technological Enterprise	3

3 hours related to engineering competency

TCST	106	CAD for Const Management (3)	
TDPT	210	Engineering Principles (3)	
TMFG	105	Technical Design Graphics (3)	3

3 hours related to information processing

CS	110	Intro Comp Sci & Web Prog (3)	
TCMP	111	Computer Assembly Trblshooting (3)	
TGRA	180	Introduction to Graphic Comm (3)	3

3 hours related to materials/resources

TDPT	203	Material Processing (3)	
	280	3-D Prototyping (3)	
	303	Manufacturing Systems (3)	
TEDU	108	Production Techniques (3)	
TMFG	262	Manufacturing Materials (3)	3

Directed elective 3

39 hrs

CHEM 111 is prerequisite to TMFG 262. Students should take PHYC 100 for the University Core Curriculum and to satisfy the prerequisite for TDPT 210. Either CHEM 111 or PHYC 100 may satisfy the University Core Curriculum Tier 1 Domain-Natural Sciences.

MILLER COLLEGE OF BUSINESS

Department of Marketing and Management

MANAGEMENT (MGT)

New:

244 Social Entrepreneurship (3) Applies deliberate disruptive design in order to alleviate persistent problems in our world. This approach harnesses that which is effective within market systems, applying best practices from economics and scientific management (using the head) as a legitimate means to attaining greater social justice (using the heart). This stimulates new opportunities for creative and economic undertakings in the service of improving the lives of people and the health of the planet. Students will learn how to apply a human-centered, creative, iterative and practical approach to finding the best ideas and ultimate solutions to social problems.

365 Employment Law (3) Examines the laws, regulations and agencies governing employment practices, discrimination, labor unions, employee benefits, occupation safety and health, workers compensation, privacy in the workplace, equal employment opportunity, and affirmative action.

Prerequisite: MGT 300.

467 Leadership, Change and Talent Management (3) Explores the theory and practice of leading and managing employees. Focuses on various approaches for leading employees, motivating and empowering employees, managing talent and performance, and leading organizational change.

Prerequisite: MGT 300.

MARKETING (MKG)

New:

450 Advanced Marketing Research and Analytics (3) In-depth look into the details of conducting market research including marketing decision making, database marketing, marketing analytics, and related issues.

Prerequisite: MKG 350.

Revised:

325 Professional Selling (3) Detailed introduction to and application of the principles of personal selling as applied to persons pursuing any vocation, as well as those aspiring to careers in marketing.

Prerequisite: ECON 116 or 201.

Prerequisite or parallel: MKG 300.

350 Marketing Research and Analytics (3) Focuses on the principle and strategic concepts of collecting and using primary and secondary data to make informed business decisions. The analysis will focus on marketing decisions related to customer acquisition, customer retention, and brand management.

Prerequisite: MKG 300 and ECON 221.

375 Social Media Marketing (3) Study of social media as a

means of marketing products and services to both consumers and organizational markets. Focuses on developing strategies for targeted social media campaigns, implementing platforms and tactics to meet those strategic goals, determining metrics and analytics for measuring success, and addressing current technology associated with the social media environment.

Prerequisite: MKG 300.

420 Integrated Marketing Communications (3) Uses discussion, cases, and problems to give experience in making decisions on a firm's promotional mix, and creating and presenting integrated promotional campaigns. Focuses on promotional research; market analysis; campaign, creative and media strategy; budget allocation; creative campaign design; and media selection and scheduling.

Prerequisite: MKG 300.

Not open to students who have credit in MKG 320.

COLLEGE OF COMMUNICATION, INFORMATION, AND MEDIA

Department of Communication Studies

COMMUNICATION STUDIES (COMM)

Revised:

412 Rhetorical Theory and Criticism (3) Examines theories and methods of selected classical and modern critics as they relate to persuasive communication.

Prerequisite: COMM 320 or permission of the department chairperson.

Department of Journalism

Revised:

BACCALAUREATE DEGREES

Students will be guided by the outline of baccalaureate degrees, the University Core Curriculum, and the concentration areas listed below. Students majoring in journalism are encouraged to meet with a faculty advisor in the journalism or telecommunications departments within the first semester of the program. Students majoring in advertising or public relations are encouraged to meet with the faculty advisor in the journalism department within the first semester of the program. Students are required to attend an orientation during the first year of study.

Students must complete all major courses with grades of C or better, including concentration courses outside the department except a grade of D- or better for ECON 116 or 201. Before enrolling in a JOUR, NEWS or TCOM course, a student must earn a C or better grade in its prerequisites. Prerequisites for all courses are strictly enforced. Majors must complete an exit interview with the appropriate concentration

coordinator. Before enrollment in JOUR 104, NEWS 120, 121 or 122, students must successfully complete a language usage proficiency examination. Successful completion of this examination does not satisfy the University Core Curriculum Writing Proficiency Program requirement.

All majors must earn a minimum of 72 credit hours in courses outside the departments of journalism and telecommunications (JOUR, NEWS, and TCOM).

Students pursuing concentrations in news or magazine are required to complete four semesters or the equivalent of one modern or classical language.

Students are allowed to pursue up to two concentrations or majors in the Department of Journalism. If a student chooses a second concentration or major, he/she must still complete at least 72 hours outside journalism, news, and telecommunications.

Journalism department students are encouraged to select a second major or at least one minor from a liberal arts area to complement their departmental major in the journalism department.

MAJOR IN ADVERTISING, 68-69 hours

PREFIX	NO	SHORT TITLE	CR HRS
COMM	320	Persuasion	3
JOUR	101	Media and American Society	3
	103	Introduction to Visual Comm	3
	104	Strategic Writing	3
	169	Professional Development Sem	1
	250	Introduction to Advertising	3
	275	Media Law and Ethics	3
	348	Emerging Media AD and P R	3
	352	Advertising Media	3
	354	Advertising Copy and Layout	3
	355	Branding for AD and P R	3
	382	Media Research Cons Behav	3
	385	Writing Design Strategic Comm	3
	456	Advertising Campaigns	3
MKG	300	Principles of Marketing	3
3 hours from			
ECON	116	Survey of Economic Ideas (3)	
	201	Elementary Microeconomics (3)	3
2 hours from			
JOUR	369	Paid Internship (0-3)	
	479	Unpaid Internship (0-3)	2
3 hours from			
COMM	322	Comm and Popular Culture (3)	
MKG	310	Consumer Behavior (3)	3
3 hours from			
ANTH	111	Anth, Culture, & Globalization (3)	
	311	Ethnicity and Race (3)	
	342	American Culture (3)	
COMM	240	Intro to Human Comm (3)	
	290	Intercultural Communication (3)	
PHIL	202	Ethics (3)	
	203	Social Philosophy (3)	

POLS	474	Women and Politics (3)	
	475	Minority Group Politics (3)	
SOC	235	Sociology of Women (3)	
	421	Racial & Cultural Minor US (3)	
	422	Analysis of Social Inequality (3)	3

Choose one concentration

Account management/strategy concentration, 15 hours			
JOUR	453	Integrated Campaigns Seminar	3
MKG	325	Professional Selling	3
MGT	241	The Entrepreneurial Experience	3

3 hours from

JOUR	455	Immersion: Student Media Avert (3)	
MKG	420	Integrated Mkg Communications (3)	3

3 hours from

JOUR	460	International AD and PR (3)	
MKG	476	Mkg of Emerging Technology (3)	3

69 hrs

Creative development concentration, 14 hours

JOUR	320	Media Art Dir Creative Process	2
	454	Advanced Copy Writing & Layout	3
	455	Immersion: Student Media Advert	3
MKG	420	Integrated Mkg Communications	3
	476	Mkg of Emerging Technology	3

68 hrs

Media planning concentration, 15 hours

JOUR	452	Advanced Advertising Media	3
MKG	375	Internet-Based Marketing	3
	420	Integrated Mkg Communications	3

3 hours from

JOUR	455	Immersion: Stud Media Advert (3)	
MKG	476	Mkg of Emerging Technology (3)	3

3 hours from

JOUR	453	Integrated Campaigns Cases (3)	
SOC	333	Sociology of Media (3)	3

69 hrs

POLS 475 requires POLS 130 as a prerequisite.

MAJOR IN JOURNALISM, 54-65 hours

PREFIX	NO	SHORT TITLE	CR HRS
Core, 22 hours			
CCIM	210	Professional Development	1
JOUR	101	Media and American Society	3
	103	Introduction to Visual Comm	3
NEWS	105	Journ Storytelling: Intro	2
	109	Fndtns Ethic Legal Principles	1
	120	Newsgathering: Research	1
	121	Newsgathering: Interviewing	1
	122	Storytelling: Covering Events	1
	133	Multimedia: Video	1

221	Storytelling: Covering Issues	3
397	Immersion: Special Topics (3-9)	3
409	Fndtns Ethical Legal Issues	2

Graphics concentration, 43 hours

GEOG	150	Global Geography	3
	265	Intro Geographic Info Systems	3
JOUR	106	Introduction to Digital Media	3
	234	Design 1	3
	241	Design 2	3
	242	Programming Interactive Media	3
	320	Media Art Dir Creative Process	2
	323	Magazine Design	3
	345	Visual Reporting	3
NEWS	131	Multimedia: Stills	1
	315	News Editing	2
TGRA	180	Introduction to Graphic Comm	3

2 hours from

JOUR	369	Paid Internship (0-3)	
	479	Unpaid Internship (0-3)	2

3 hours from

ECON	201	Elementary Microeconomics (3)	
	247	Econ & Stats for the Media (3)	3

3 hours from

CCIM	280	Social Media (3)	
SOC	100	Principles of Sociology (3)	3

3 hours from

ANTH	111	Anth, Culture, & Globalization (3)	
	311	Ethnicity and Race (3)	
	342	American Culture (3)	
COMM	290	Intercultural Communication (3)	
PHIL	202	Ethics (3)	
	203	Social Philosophy (3)	
POLS	474	Women and Politics (3)	
	475	Minority Group Politics (3)	
SOC	235	Sociology of Women (3)	
	421	Racial & Cultural Minor US (3)	
	422	Analysis of Social Inequality (3)	3

65 hrs

Magazine media concentration, 35 hours

ECON	247	Econ & Stats for the Media	3
HIST	202	US History, 1877 to Present	3
JOUR	280	Feature and Magazine Writing	3
	328	Long-form Feature Writing	3
	380	Long-form Digital Storytelling	3
	427	Advanced Magazine Writing	3
NEWS	108	Fndtns Great Storytellers	1
	131	Multimedia: Stills	1
	132	Multimedia: Audio	1
	197	Immersion: Student Media	1
	233	Multimedia: Reporting	3
	315	News Editing	2

2 hours from

JOUR	369	Paid Internship (0-3)	
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479	Unpaid Internship (0-3)	2	
3 hours from			
CCIM	280	Social Media (3)	
SOC	100	Principles of Sociology (3)	3

3 hours from

ANTH	111	Anth, Culture, & Globalization (3)	
	311	Ethnicity and Race (3)	
	342	American Culture (3)	
COMM	290	Intercultural Communication (3)	
PHIL	202	Ethics (3)	
	203	Social Philosophy (3)	
POLS	474	Women and Politics (3)	
	475	Minority Group Politics (3)	
SOC	235	Sociology of Women (3)	
	421	Racial & Cultural Minor US (3)	
	422	Analysis of Social Inequality (3)	3

57 hrs

Four semesters or equivalent of one modern or classical language at the college level are required.

News concentration, 35 hours

ECON	247	Econ & Stats for the Media	3
NEWS	108	Fndtns Great Storytellers	1
	131	Multimedia: Stills	1
	132	Multimedia: Audio	1
	197	Immersion: Student Media	1
	233	Multimedia: Reporting	3
	240	Current Issues 1	1
	270	Audience Analysis: Communities	1
	315	News Editing	2
	340	Current Issues 2	1
	370	Audience Analysis: Operations	1

2 hours from

JOUR	369	Paid Internship (0-3)	
	479	Unpaid Internship (0-3)	2

3 hours from

POLS	130	American National Government (3)	
	237	State and Local Politics (3)	3

3 hours from

CCIM	280	Social Media (3)	
SOC	100	Principles of Sociology (3)	3

6 hours from

JOUR	311	News Feature Writing (2)	
	312	Opinion Writing (2)	
	322	Sportswriting and Reporting (2)	
NEWS	418	Specialty Reporting (2-6)	
TCOM	324	News Videography (2)	
	326	Presentation Techniques (2)	
	426	News Producing (2)	6

2 hours from

JOUR	413	Advanced Newswriting Reporting (2)	
TCOM	422	Adv Video/Audio Reporting (2)	2

3 hours from			
ANTH	111	Anth, Culture, & Globalization (3)	
	311	Ethnicity and Race (3)	
	342	American Culture (3)	
COMM	290	Intercultural Communication (3)	
PHIL	202	Ethics (3)	
	203	Social Philosophy (3)	
POLS	474	Women and Politics (3)	
	475	Minority Group Politics (3)	
SOC	235	Sociology of Women (3)	
	421	Racial & Cultural Minor US (3)	
	422	Analysis of Social Inequality (3)	3

3

57 hrs

Four semesters or equivalent of one modern or classical language at the college level are required.

Photo concentration, 32 hours

HIST	202	US History, 1877 to Present	3
JOUR	235	Intro to Photojournalism	3
	236	Photojournalism Lighting	3
	332	Photoj Managing and Editing	3
	335	Assignment Photojournalism	3
	434	Advanced Photoj Illustration	3
	437	Long-form Photojournalism	3
NEWS	108	Fndtns Great Storytellers	1
	132	Multimedia: Audio	1
	197	Immersion: Student Media	1

2 hours from			
JOUR	369	Paid Internship (0-3)	
	479	Unpaid Internship (0-3)	2

3 hours from			
CCIM	280	Social Media (3)	
SOC	100	Principles of Sociology (3)	3

3 hours from			
ANTH	111	Anth, Culture, & Globalization (3)	
	311	Ethnicity and Race (3)	
	342	American Culture (3)	
COMM	290	Intercultural Communication (3)	
PHIL	202	Ethics (3)	
	203	Social Philosophy (3)	
POLS	474	Women and Politics (3)	
	475	Minority Group Politics (3)	
SOC	235	Sociology of Women (3)	
	421	Racial & Cultural Minor US (3)	
	422	Analysis of Social Inequality (3)	3

3

54 hrs

POLS 474, 475, SOC 421, and 422 have prerequisite requirements. Please consult the Ball State University Undergraduate Catalog for details.

MAJOR IN PUBLIC RELATIONS, 69 hours

<i>PREFIX</i>	<i>NO</i>	<i>SHORT TITLE</i>	<i>CR HRS</i>
COMM	320	Persuasion	3
JOUR	101	Media and American Society	3

103	Introduction to Visual Comm	3	
104	Strategic Writing	3	
169	Professional Development Sem	1	
261	Principles of Public Relations	3	
265	Public Relations Writing Tech	3	
275	Media Law and Ethics	3	
348	Emerging Media AD and P R	3	
355	Branding for AD and P R	3	
368	P R Design and Production	3	
382	Media Research Cons Behav	3	
405	P R Plan Mngment Case Reviews	3	
460	International AD and P R	3	
465	Public Relations Campaigns	3	
MKG	300	Principles of Marketing	3
	310	Consumer Behavior	3

3 hours from			
JOUR	385	Writing Design Strategic Comm (3)	
	397	Immersion: Public Rel Proj (3)	3

3 hours from			
ECON	116	Survey of Economic Ideas (3)	
	201	Elementary Microeconomics (3)	3

2 hours from			
JOUR	369	Paid Internship (0-3)	
	479	Unpaid Internship (0-3)	2

3 hours from			
COMM	240	Introduction to Human Comm (3)	
	251	Bus and Prof Comm (3)	
	290	Intercultural Communication (3)	3

3 hours from			
MGT	342	Marketing for New Ventures (3)	
MKG	325	Professional Selling (3)	
	420	Integrated Mkg Communications (3)	
	470	International Marketing (3)	
	475	Marketing Simulation (3)	
	476	Mkg of Emerging Technology (3)	3

3 hours from			
MGT	241	The Entrepreneurial Experience (3)	
	271	Intro Organizational Behavior (3)	
	300	Managing Behavior in Organizations (3)	3

3 hours from			
ANTH	111	Anth, Culture, & Globalization (3)	
	311	Ethnicity and Race (3)	
	342	American Culture (3)	
COMM	290	Intercultural Communication (3)	
PHIL	202	Ethics (3)	
	203	Social Philosophy (3)	
POLS	474	Women and Politics (3)	
	475	Minority Group Politics (3)	
SOC	235	Sociology of Women (3)	
	421	Racial & Cultural Minor US (3)	
	422	Analysis of Social Inequality (3)	3

3

69 hrs

POLS 475 requires POLS 130 as a prerequisite.

COLLEGE OF FINE ARTS

Department of Theatre and Dance

Revised:

MAJOR IN DANCE (BFA), 85 hours

PREFIX	NO	SHORT TITLE	CR HRS
DANC	210	Ballet 1	2
	211	Ballet 2	2
	220	Modern 1	2
	221	Modern 2	2
	230	Jazz 1	2
	231	Jazz 2	2
	240	World Studio 1	1
	241	World Studio 2	1
	280	Musical Theatre Dance 1	2
	281	Musical Theatre Dance 2	2
	287	Improvisation	2
	300	Dance Conditioning	1
	301	Dance History 1	3
	302	Dance History 2	3
	310	Ballet 3	2
	315	Technique Studio	2
	320	Modern 3	1
	330	Jazz 3	2
	387	Choreography 1	2
	410	Ballet 4	2
	420	Modern 4	2
	430	Jazz 4	2
	487	Choreography 2	2
	488	Dance Pedagogy	3
EXSC	292	Anatomy	3
THEA	102	Computers in Theatre and Dance	3
	105	Freshman Experience	0
	107	Design Awareness	3
	223	Costume Technology	3
	232	Acting 1	3
	270	Basic Musicianship 1	2
	280	Practicum (0-1)	2
	334	Studio 1	3
	405	Senior Experience	0
	434	Immersion Experience (1-12)	3

1 hour from

DANC	232	Tap 1 (1)	
	332	Tap 2 (1)	1

2 hours from

DANC	489	Ball State Dance Theatre (1)	2
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4 hours from

DANC	489	Ball State Dance Theatre (1)	
THEA	380	Advanced Practicum (1-9)	4

6 hours of directed electives as indicated below:

4 hours from

DANC	310	Ballet 3 (2)	
	410	Ballet 4 (2)	
	or		
	320	Modern 3 (2)	
	420	Modern 4 (2)	
	or		
	330	Jazz 3 (2)	
	430	Jazz 4 (2)	4

2 hours from

DANC	310	Ballet 3 (2)	
	315	Technique Studio (1)	
	320	Modern 3 (2)	
	330	Jazz 3 (2)	
	410	Ballet 4 (2)	
	420	Modern 4 (2)	
	430	Jazz 4 (2)	2
			<hr/>
			85 hrs

COLLEGE OF SCIENCES AND HUMANITIES

Interdepartmental Programs

Revised:

MASTER OF ARTS IN SCIENCE EDUCATION, 30-36 hours

PREFIX	NO	SHORT TITLE	CR HRS
Common core, 3 hours			
SCI	699	Res Meth in Sci Ed	3
Complete one concentration			
<i>Concentration 1: High school, 27 hours</i>			
Approved science education courses			6
SCI	690	Workshop in Science Education (1-12) 0-9 and/or	
approved course work in one or more of the following content areas: biology, chemistry, earth/space science (geology and/or astronomy), environmental science, or physics			9-18
RES	697	Research Paper (1-3)	
or			
CRPR	698	Creative Project (3 or 6)	3

Concentration 2: Elementary/middle school, 27 hours

Approved science education courses			6
SCI	690	Workshop in Science Education (1-12) 0-9 and/or	

approved course work in at least three of the following content areas: biology, chemistry, earth/space science

(geology and/or astronomy), environmental science, or physics			9-18
RES	697	Research Paper (1-3)	
		or	
CRPR	698	Creative Project (3 or 6)	3
			<hr/>
			30 hrs

The student will conduct science education research and write a research paper (RES 697) or do a creative project (CRPR 698) on a science education topic. The research paper or creative project earns a total of three hours credit.

Concentration 3: Initial licensure in secondary education in a science or mathematics discipline, 33 hours

Admission requirements

Applicants must be seeking initial licensure; have an undergraduate major in an appropriate mathematics or science discipline approved by the department(s) of the licensure areas(s); and, be a member of a teaching fellow cohort.

Approved courses in science education or mathematics education			6
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Approved course work in one or more of the following content pedagogy areas: biology, chemistry, mathematics, or physics			9
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Approved course work in each of the following areas: educational foundations, multicultural education, educational psychology, educational reading, secondary education			12
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EDSE	560	Student Tchng: Sec Schl (3-7)	6
			<hr/>
			36 hrs
			<hr/>
			30-36 hrs

Department of Computer Science

Dropped:

CERTIFICATE IN PRE-MASTERS OF COMPUTER SCIENCE, 18 hours

Revised:

MASTER OF SCIENCE IN COMPUTER SCIENCE, 30 hours

PREFIX	NO	SHORT TITLE	CR HRS
Required mathematics background courses			
MATH	161	Applied Calculus 1 (3)	
	162	Applied Calculus 2 (3)	
	217	Linear Algebra (4)	
	221	Probability and Statistics (3)	

Required computer science background courses			
CS	120	Computer Science 1 (4)	
	121	Computer Science 2 (4)	
	124	Discrete Structures (3)	
	224	Des/Analy of Algorithms (3)	
	230	Computer Org and Arch (3)	
	335	Programming Languages (3)	
	380	Theory of Computation 1 (3)	

Required graduate courses, 12 hours

All students

CS	689	Research Methods	3
	690	Software Engineering	3

Concentration 1

CS	668	Graphs, Algo, and Apps	3
	670	Advanced Theory of Computation	3

Concentration 2

CS	691	Soft Req and Design	3
	692	Soft Ver and Val	3

Elective graduate courses			18
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Courses as approved by departmental graduate advisor.

COGNATE IN THEORY OF COMPUTING, 15 or 24 hours

This cognate is aimed at the PhD in environmental science candidate who already has the background course work in computer science that is required of all candidates entering the master of science degree program in computer science, as well as the relevant mathematical background prerequisites to the program.

Degree requirements

PREFIX	NO	SHORT TITLE	CR HRS
CS	668	Graphs, Algo, and Apps	3
	670	Advanced Theory of Computation	3
	678	Compiler Construction	3
			<hr/>
			9 hrs

Electives (choose two courses for the 15-credit-hour cognate, or five courses for the 24-hour cognate.)

CS	538	Computer Graphics (3)	
	555	Data Mining (3)	
	557	Applied Cryptography (3)	
	638	Ad Top in Comp Graphics (3)	
	639	Seminar in Computer Science (3)	
	642	Simulation Techniques (3)	
	665	Applied Computational Geometry (3)	
	675	Model Checking (3)	
	699	Reading and Honors (3)	
MATH	562	Numerical Analysis 1 (3)	
	563	Numerical Analysis 2 (3)	
			<hr/>
			6 or 15 hrs

15 or 24 hrs

Up to 9 hours of 500-level courses permitted on the 15-hour cognate; up to 12 hours of 500-level courses permitted on the 24-hour cognate.

A total of 9 hours of CS 699 may be earned for the 24-hour cognate and a total of 6 hours of CS 699 may be earned for the 15-hour cognate.

Department of Geological Sciences

GEOLOGY (GEOL)

Revised:

360 Hydrogeology (3) An intensive survey of the physical properties of groundwater flow and the classic literature of aquifer studies.

Prerequisite: GEOL 350, and MATH 161 or 165, and PHYC 110, or permission of the department chairperson.

Not open to students who have credit in GEOL 560.

550 Physical Hydrology (3) Fundamental physical and chemical principles governing the occurrence and circulation of water at and near the Earth's surface. A quantitative approach is taken to mathematically describe hydrological phenomena, such as open channel flow and surface water hydraulics.

Prerequisite: GEOL 240 or permission of the instructor.

Not open to students who have credit in GEOL 350.

560 Hydrogeology (3) An intensive survey of the physical properties of groundwater flow and the classic literature of aquifer studies.

Prerequisite: GEOL 350 or 550, and MATH 161 or 165, and PHYC 110, or permission of the department chairperson.

Not open to students who have credit in GEOL 360.

Department of Mathematical Sciences

Revised:

MASTER OF ARTS IN MATHEMATICS EDUCATION, 30-36 hours

The master of arts in mathematics education provides opportunities for elementary, middle school, and high school teachers to examine various issues related to the teaching and learning of mathematics while continuing to develop their own mathematical content knowledge.

Concentration 1: Elementary and middle school mathematics, 30 hours

Admission requirements

Applicants must meet the regular admission requirements of the Graduate School; hold a current elementary, middle

special education teaching license; and have at least one year of elementary or middle school teaching experience.

Degree requirements

<i>PREFIX</i>	<i>NO</i>	<i>SHORT TITLE</i>	<i>CR HRS</i>
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Content knowledge for teaching mathematics, 12 hours from			
MATH	514	Alg Res Elm Mid Fnd Math Teach (3)	
	517	Num Concpnts and Num Thry Teach (3)	
	518	Rat Num Prop El Mid Fnd Tch (3)	
	542	Geo Meas Ele Mid Fnd Math Tch (3)	
	623	Data Probability Teach (3)	12

Research and pedagogical knowledge for teaching mathematics, 12 hours

MATH	690	Curriculum Instruct Math Ed	3
	693	Teaching Math Prob Solving	3
	694	Research Methods Math Educat	3
	696	Action Research Math Education	3

12

Electives in content or pedagogical knowledge for teaching mathematics, 6 hours (as approved by advisor) from

MATH	514	Alg Res Elm Mid Fnd Math Teach (3)	
	517	Num Concpnts and Num Thry Teach (3)	
	518	Rat Num Prop El Mid Fnd Tch (3)	
	542	Geo Meas Ele Mid Fnd Math Tch (3)	
	623	Data Probability Teach (3)	
	631	Technology Mathematics Teach (3)	
	632	Assessment Math Education (3)	
	641	Topics in Geometry (3)	
	680	Special Studies Teaching Math (3)	
	695	Math Learners & Learning (3)	
	697	Math Teacher Leadership 1 (3)	6

30 hrs

Concentration 2: Secondary mathematics, 30 hours

Admission requirements

Applicants must meet the regular admission requirements of the Graduate School; have an undergraduate major in mathematics or an equivalent background as determined by the Department of Mathematical Sciences; hold a current secondary mathematics teaching license; and have at least one year of secondary mathematics teaching experience.

Degree requirements

Content knowledge for teaching mathematics, 9 hours

MATH	641	Topics in Geometry	3
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Take the following unless the undergraduate equivalent is completed.

MATH	511	Abstract Algebra 1	3
	570	Intermediate Analysis Teachers	3

Electives in content knowledge for teaching

mathematics, 6-12 hours (as approved by advisor) from the following (if undergraduate equivalent is not completed)

36 hrs

MATH	512	Abstract Algebra 2 (3)	
	516	Theory of Numbers (3)	
	517	Num Concepts and Num Thry Teach (3)	
	560	History of Mathematics (3)	
	620	Mathematical Theory of Stats 1 (4)	
	621	Mathematical Theory of Stats 2 (4)	
	623	Data Probability Teach (3)	
	645	Topology 1 (3)	
	677	Complex Variables 1 (3)	6-12

Research and pedagogical knowledge for teaching mathematics, 12 hours

MATH	690	Curriculum Instruct Math Ed	3
	693	Teaching Math Prob Solving	3
	694	Research Methods Math Educat	3
	696	Action Research Math Education	3

Electives in pedagogical knowledge for teaching mathematics, 3 hours (as approved by advisor) from

MATH	631	Technology Mathematics Teach (3)	
	632	Assessment Math Education (3)	
	695	Math Learners & Learning (3)	
	697	Math Teacher Leadership 1 (3)	3

30 hrs

Concentration 3: Elementary/middle school mathematics specialist, 36 hours

Admission requirements

Applicants must meet the regular admission requirements of the Graduate School; hold a current middle school mathematics or elementary teaching license; and have at least three years of middle school mathematics or elementary teaching experience.

Content knowledge for teaching mathematics, 15 hours

MATH	514	Alg Res Elm Mid Fnd Math Teach	3
	517	Num Concepts and Num Thry Teach	3
	518	Rat Num Prop El Mid Fnd Tch	3
	542	Geo Meas Ele Mid Fnd Math Tch	3
	623	Data Probability Teach	3

Pedagogical knowledge for teaching mathematics, 12 hours

MATH	632	Assessment Math Education	3
	690	Curriculum Instruct Math Ed	3
	693	Teaching Math Prob Solving	3
	695	Math Learners & Learning	3

Research, 3 hours

MATH	694	Research Methods Math Educat	3
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Leadership knowledge and skills, 6 hours

MATH	697	Math Teacher Leadership 1	3
	698	Math Teacher Leadership 2	3

MATHEMATICAL SCIENCES (MATH)

Revised:

498 Senior Seminar (2) Development of a focused, connected, contemporary perspective of actuarial or mathematical science relevant to a student's area of study. Each student will research and complete a substantial project, which culminates in a final report, presented both in oral and written forms.

Prerequisite: senior standing or permission of the department chairperson.

Open only to mathematical sciences majors.

Department of Modern Languages and Classics

ARABIC (AR)

New:

101 Beginning Arabic 1 (5) The first course in beginning Arabic language.

Department of Natural Resources and Environmental Management

Revised:

MAJOR IN NATURAL RESOURCES AND ENVIRONMENTAL MANAGEMENT, 60-62 hours

<i>PREFIX</i>	<i>NO</i>	<i>SHORT TITLE</i>	<i>CR HRS</i>
Core foundation, 8 hours			
CHEM	111	General Chemistry 1	4
NREM	101	Environment and Society	3
	201	Undergraduate Seminar	1
Core requirements, 18 hours			
NREM	211	Water Resources	3
	221	Soil Resources	3
	241	Air Resources	3
	286	Computer/Quant Applications (3)	
		or	
	372	Applied Research Methods (3)	3
	331	Energy and Mineral Resources	3
	405	Integrated Resource Management (3)	
		or	
		Any TIER 3 (UCC-21) (3)	3

26 hrs

Core foundation must be completed before enrolling

in NREM 221 or higher courses. Students in environmental management are encouraged to take CHEM 112 immediately following CHEM 111.

Complete 1 of 2 of the following concentrations

Environmental management concentration, 36 hours

BIO	111	Principles of Biology 1	4
	313	Microbiology (4)	
		or	
CHEM	231	Organic Chemistry 1 (4)	4
CHEM	112	General Chemistry 2	4

Students must complete either

- 24 credit hours from two of the following clusters or
- 15 hours from one cluster, plus 9 hours of electives approved by advisor or chairperson or
- 15 hours from one cluster, plus a minor approved by advisor or chairperson.

Related clusters

Environmental remediation

EMHS	350	Haz Mat Health and Safety (3)	
NREM	346	Indoor Environmental Quality (3)	
	347	Occupational/Indust Hygiene (3)	
	387	Solid Hazardous Waste Mgt (3)	
	488	Site Assessment Remediation (3)	

Emergency response

EMHS	351	Intro Emergency Management (3)	
	352	Science WMDs Technol Hazards (3)	
	355	International Domestic Terror (3)	
	389	Emergency Response WMDs (3)	
	469	Professional Practice (1-6)	
	493	Special Topics (1-6)	
NREM	387	Solid Hazardous Waste Mgt (3)	

Soil and water conservation

NREM	304	Sustainable Agriculture (3)	
	320	Wetland Characterization (3)	
	324	Soil Classification/Interpret (3)	
	357	Internat Community Development (3)	
	372	Applied Research Methods (3)	
	385	Wastewater Management (3)	
	415	Water Quality Management (3)	
	422	Soil Quality (3)	
	427	Soil Conservation and Mgmt (3)	24
			<hr/>
			62 hrs

The following courses may be substituted for those in the clusters above with approval of the academic advisor or department chairperson.

NREM	299X	Experimental/Develop Topics (3-6)	
	369	Professional Practice (1-3)	
	390	Honors Colloquium in Nat Res (1-3)	
	402	Field Study (1-6)	
	497	Special Studies (1-3)	

NREM 402 has a limit of 3 hours.

Natural resources concentration, 34 hours

BIO	112	Principles of Biology 2	4
	216	Ecology	3
NREM	203	Decision-Making in Nat Res Mgt	3

Students must complete either

- 24 credit hours from two of the following clusters or
- 15 hours from one cluster, plus 9 hours of electives approved by advisor or chairperson or
- 15 hours from one cluster, plus a minor approved by advisor or chairperson.

Related clusters

Recreation and interpretation

NREM	204	American Environmental History (3)	
	369	Professional Practice (1-3)	
	371	Outdoor Recreation and Socy (3)	
	392	Environmental Interpretation (3)	
	395	Teaching Environmental Ed (3)	
	473	Outdr Recreation Plan and Adm (3)	
	477	Wilderness and Society (3)	

Sustainable development

NREM	205	Internatnl Natural Resources (3)	
	304	Sustainable Agriculture (3)	
	307	Env Mgt Developing Countries (3)	
	309	Human Dimensions Global Change (3)	
	335	Renewable Energy/Sustain Tech (3)	
	357	Internat Community Development (3)	

Soil and water conservation

NREM	304	Sustainable Agriculture (3)	
	320	Wetland Characterization (3)	
	324	Soil Classification/Interpret (3)	
	357	Internat Community Development (3)	
	372	Applied Research Methods (3)	
	385	Wastewater Management (3)	
	415	Water Quality Management (3)	
	422	Soil Quality (3)	
	427	Soil Conservation and Mgmt (3)	24

60 hrs

NREM 372 may not be counted twice if taken as a core requirement.

The following courses may be substituted for those in the clusters above with approval of the academic advisor or department chairperson.

NREM	299X	Experimental/Develop Topics (3-6)	
	369	Professional Practice (1-3)	
	390	Honors Colloquium in Nat Res (1-3)	
	402	Field Study (1-6)	
	497	Special Studies (1-3)	

NREM 402 has a limit of 3 hours.

MASTER OF ARTS IN NATURAL RESOURCES AND ENVIRONMENTAL MANAGEMENT, 30 hours

Admission requirements

Applicants must meet the admission requirements of the Graduate School, take the Graduate Record Examination (GRE), complete the departmental application form, and provide letters of recommendation. Applicants whose undergraduate majors are not natural resources or closely related subjects may be required to complete undergraduate courses to acquire background knowledge. Credit for these courses does not apply to graduate degree requirements.

Degree requirements

<i>PREFIX</i>	<i>NO</i>	<i>SHORT TITLE</i>	<i>CR HRS</i>
Required courses			
NREM	608	Research Methods	3
RES	697	Research Paper (1-3)	
		or	
CRPR	698	Creative Project (3 or 6)	3

Electives include other NREM courses and relevant courses from other departments to be approved by the graduate advisor	24
	<hr style="width: 10%; margin-left: auto; margin-right: 0;"/>
	30 hrs

MASTER OF SCIENCE IN NATURAL RESOURCES AND ENVIRONMENTAL MANAGEMENT, 30 hours

Degree requirements

<i>PREFIX</i>	<i>NO</i>	<i>SHORT TITLE</i>	<i>CR HRS</i>
Required Courses			
NREM	608	Research Methods	3
THES	698	Thesis (3-6)	6

Electives include other NREM courses and relevant courses from other departments to be approved by the graduate advisor	21
	<hr style="width: 10%; margin-left: auto; margin-right: 0;"/>
	30 hrs

NATURAL RESOURCES AND ENVIRONMENTAL MANAGEMENT (NREM)

New:

401 Forest Planning and Stewardship (3) Introduces students to the social, economic, and ecological forces that shape U.S. private forests. Takes an in-depth look at forest landowner values, attitudes, and perceptions of forests and linkages to management decision-making strategies and behaviors. Also introduces students to the skills they will need to interact with private forest landowners (PFLs) and forest management professionals. Students will develop forest stewardship plans based on interactions with PFLs on their property and information from forest professionals.

Prerequisite: NREM 101, 211, and 221 or permission of instructor or department chairperson.

501 Forest Planning and Stewardship (3) Introduces students to the social, economic, and ecological forces that shape U.S. private forests. Takes an in-depth look at forest landowner values, attitudes, and perceptions of forests and linkages to management decision-making strategies and behaviors. Also introduces students to the skills they will need to interact with private forest landowners (PFLs) and forest management professionals. Students will develop forest stewardship plans based on interactions with PFLs on their property and information from forest professionals.

Department of Physiology and Health Science

HEALTH SCIENCE (HSC)

Revised:

387 Quantitative Methods and Epidemiology (4) Introduction to practical applications of quantitative methods in health science. Uses of health statistics and epidemiology are explored. Weekly two-hour laboratory period emphasizes data manipulation using advanced technology.

Prerequisite: HSC 180 (waived for nonmajors with a minor in environmental health); MATH 108 or 111 or 112 or 125 or 132 or 161 or 162 or 165 or 166.

Department of Sociology

Revised:

MASTER OF ARTS IN SOCIOLOGY, 33 hours

Admission requirements

Applicants must meet the admission requirements of the Graduate and present evidence of preparation to do work in sociology.

Degree requirements

The master of arts in sociology requires 33 hours. Students must complete a 18-hour core of required courses. To complete the remaining 15 hours, students will choose one of the following concentrations, depending on their needs and backgrounds: thesis, institutional research certificate, teaching certificate, directed electives in methods and statistics, or certificate in interpretive ethnography. The research methodology course requirement is met by SOC 681.

<i>PREFIX</i>	<i>NO</i>	<i>SHORT TITLE</i>	<i>CR HRS</i>
Core requirements, 18 hours			
SOC	600	Sociological Inquiry	3
	603	Readings in Sociological Thry	3
	681	Survey Research Methods	3
	682	Social Statistics	3
	684	Adv Sociological Data Analy	3

699	Sem in Topics in Soc	3
Complete one concentration		
<i>Thesis concentration, 15 hours</i>		
THES 698	Thesis (1-6)	6
Electives		9
		<hr/>
		33 hrs

<i>Institutional research certificate concentration, 15 hours</i>		
ID 602	Institutional Research	3
SOC 588	Internship 3: Field Experience (1-3)	3
Electives		9
		<hr/>
		33 hrs

<i>Certificate in college and university teaching concentration, 15 hours</i>		
EDHI 609	Prpng for Prof: Tch Hi Ed	3
	610 Issues in Higher Education	3
ID 601	Tchnng Pract in Hi Ed	3

6 hours from		
EDAC 634	The Adult as a Learner (3)	
	635 Strategies for Teaching Adults (3)	
	699 Intern in Ad & Comm Ed (2-6)	
EDCC 640	Community College (3)	
EDFO 610	Women, Gender, and Education (3)	
EDHI 611	Tchnng & Curr Issues in Hi Ed (3)	
	613 Admini & Fin in Higher Ed (3)	
EDTE 660	Instructi Des and Tech (3)	
	690 Pract in Ed Tech (2-4)	6
		<hr/>
		33 hrs

<i>Directed electives in methods and statistics concentration, 15 hours</i>		
6 hours from		
COMM 602	Quant Research in Comm (3)	
	605 Qual Research in Comm (3)	
EDPS 730	Nonparametric Statistics (3)	
EDST 660	Ethno Res in Ed (3)	
	697 The Grant Process and Research (3)	
GEOG 544	Adv Geog Info Systems Analysis (3)	
HSC 670	Hlth Sci Res Tech (3)	
PSYS 680	Research Methods in Psychology (3)	
or		
equivalent courses to be determined with advisor		6
Electives		9
		<hr/>
		33 hrs

<i>Certificate in interpretive ethnography concentration, 15 hours</i>		
ANTH 601	Scope of Cultural Anthropology	3
3 hours from		
ANTH 550	Ethnographic Field School (3)	
or		

559	Ethnographic Methods (3)	
or		
695	Res Meths in Anth (3)	3
9 hours from		
ANTH 542	Americian Culture (3)	
	550 Ethnographic Field School (3)	
COMM 605	Qual Research in Comm (3)	
EDEL 676	Research in Elementary Educ (3)	
EDST 650	Intro to Qual Res (3)	
	660 Ethno Res in Ed (3)	
PSYS 595	Special Topics in Psychology (3)	
RELS 503	Reading and Special Study (3)	
SOC 681	Survey Research Methods (3)	
	683 Qualitative (3)	9
		<hr/>
		33 hrs

Ron Murphy, Associate Director
Office of Academic Systems