

# BALL STATE UNIVERSITY

## ACADEMIC POSTING

2014-2015

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VOLUME XLVI – 5

April 3, 2015

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This posting may contain all or part of the following: new, revised, and dropped programs, courses and prefixes. The posting period begins April 6, 2015. If no demurrer is received within ten school days, the changes will be certified for implementation. *The effective date for implementing the undergraduate and graduate materials posted after May 26, 2014 is Fall Semester 2015.*

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### INTERDEPARTMENTAL PROGRAMS

#### The Clustered Minors in Environmentally Sustainable Practices

##### Dropped:

MINOR IN ENVIRONMENTAL CONTEXT FOR BUSINESS, 21 hours

MINOR IN ENVIRONMENTAL CONTEXTS IN HEALTH CARE, 24 hours

MINOR IN ENVIRONMENTAL POLICY, 24 hours

MINOR IN TECHNOLOGY AND THE ENVIRONMENT, 24 hours

#### Women's and Gender Studies

#### WOMEN'S AND GENDER STUDIES (WGS)

##### Revised:

**220 International Women's Issues (3)** Introduction to current international women's and gender issues, such as women's/men's roles in work, politics, religion, families, and social movements, with an emphasis on non-Western cultures.

### COLLEGE OF APPLIED SCIENCES AND TECHNOLOGY

#### Department of Family and Consumer Sciences

#### FAMILY AND CONSUMER SCIENCES: FOODS AND NUTRITION (FCFN)

##### Revised:

##### **340 Principles of Human Nutrition (3)**

**Add statement:** Not open to students who have credit in FCFN 240 or 275 or by permission of the department chairperson.

#### School of Nursing

#### NURSING (NUR)

##### New:

**673 Practicum-Family Nurse Practitioner (5)** Synthesis of theoretical and clinical decision making in the provision of primary care practice across the life span. Emphasis on quality management, legal, policy and economic issues in relation to advanced practice. Offered on-line only.

*Prerequisite:* all other courses required for the family nurse practitioner concentration.

*Open only to graduate nursing students.*

**681 Primary Care of the Adult 1 (4)** Focuses on the development of clinical decision making for the family nurse practitioner student in providing primary health-care for adults, older adults and maturing families across the life span. Emphasis is on health promotion, disease prevention, health education, and treatment of common acute and chronic conditions in young adults through geriatrics. Offered on-line only.

*Prerequisite:* NUR 632 and 634 and 638.

*Open only to graduate nursing students.*

**683 Primary Care of the Adult 2 (4)** Focuses on the continued development of clinical decision making for the family nurse practitioner student in providing primary health-care for adults, older adults, and maturing families across the

life span. Emphasis is on health promotion, disease prevention, health education, and treatment of common acute and chronic conditions in young adults through geriatrics. Offered on-line only.

*Prerequisite:* NUR 681.

*Open only to graduate nursing students.*

## Revised:

**608 Pathophysiology and Pharmacology for Clinical Practice (3)** Focuses on advanced knowledge of pathophysiology and pharmacology for application in clinical practice, and on teaching pathophysiology and pharmacology related to the nursing care of patients with health alterations across the lifespan.

*Prerequisite or parallel:* NUR 605.

*Open only to graduate nursing students.*

**609 Health Assessment for Clinical Practice (3)** Enhance knowledge and skills to integrate science and technology into holistic health assessments. Focuses on application of an evidence-based nursing process for patient care across the lifespan in a variety of clinical settings.

*Prerequisite:* NUR 605.

*Open only to graduate nursing students.*

**610 Nursing Concepts in Health Promotion/Disease and Injury Prevention in Populations (3)** Analyzes selected nursing concepts of health policy, health promotion/disease and injury prevention and impact on target population aggregates. Relationship of concepts to advanced practice models is explored. Clinical experiences focus on applying research-based client assessment of knowledge deficits, understanding and planning of policy-driven health promotion/disease and injury prevention activities for populations in various stages of the life cycle.

*Prerequisite or parallel:* NUR 605.

*Open only to graduate nursing students.*

**611 Concepts Analysis 2: Decision Making (3)** Analyzes selected nursing concepts and related research with emphasis on ethics and decision making.

*Prerequisite or parallel:* NUR 605.

*Open only to graduate nursing students.*

**620 Curricular Designs in Nursing (3)** Opportunity to develop, implement, and/or evaluate student-selected aspects of existing nursing curricula. Emphasizes a group experience in assessing a curricular problem and applying current theory of practice in seeking solutions to a practical curriculum issue.

*Prerequisite or parallel:* NUR 605.

*Open only to graduate nursing students.*

**622 Teaching in Nursing (3)** Focuses on teacher behaviors that promote student learning, including course development and use of technology in a variety of post-secondary nursing environments. Includes faculty roles and responsibilities in nursing education.

*Prerequisite or parallel:* NUR 605.

*Open only to graduate nursing students.*

**630 Advanced Practice Nursing and Role Theory (3)** A variety of theories and conceptual models are analyzed as the roles of advanced practice nurses are explored. Professional practice issues are examined through the synthesis of professional and research literature. A conceptual model for advanced practice nursing is developed.

*Open only to graduate nursing students.*

**632 Pathophysiology and Nursing Practice (3)** Provides a comprehensive scientific background and understanding of pathophysiology as it relates to client assessment across the lifespan in a variety of health care settings. Forms the basis for advanced nursing practice.

*Prerequisite or parallel:* NUR 605.

*Open only to graduate nursing students.*

**634 Advanced Health Assessment (3)** Practice of advanced health-assessment techniques across the lifespan. Emphasizes the use of critical thinking and decision-making abilities to formulate differential diagnosis and a plan of care based on assessment data.

*Prerequisite or parallel:* NUR 632.

*Open only to graduate nursing students.*

**638 Advanced Clinical Pharmacology (3)** Practice of advanced health assessment techniques across the lifespan. Emphasizes the use of critical thinking and decision-making abilities to formulate differential diagnosis and a plan of care based on assessment data.

*Prerequisite:* NUR 605.

*Open only to graduate nursing students.*

**640 Nursing Administration in Complex Organizations (3)** Introduction to administration of nursing. Relates organizational and administrative theories to the delivery of nursing care with emphasis on the health-care environment.

*Prerequisite or parallel:* NUR 605.

*Open only to graduate nursing students.*

**642 Administrative Management for Nurses (3)** Introduction to organizational planning, budgeting, human-resources management, conflict-management issues, quality management, and ethics.

*Prerequisite:* NUR 605.

*Open only to graduate nursing students.*

**672 Practicum of Role Expectations (4)** Practicum in either an educational or administrative setting of student's selected functional role. Seminars for guidance and analysis of role relationships. Topics include teacher in nursing or administrator in nursing.

*Prerequisite:* all other courses required for program concentration.

*Open only to graduate nursing students.*

**682 Primary Care of Children (4)** Focuses on the application and evaluation of advanced nursing practice knowledge and skills required for the care of children and their families.

*Prerequisite:* NUR 632 and 634 and 638.

*Open only to graduate nursing students.*

**684 Primary Care of Women (4)** Focuses on the application and evaluation of advanced nursing practice knowledge and skills required for the care of women and their families.

*Prerequisite:* NUR 681.

*Open only to graduate nursing students.*

479	Sport Admin Internship	12
485	Sport Management	3
		<hr/>
		63 hrs

## School of Physical Education, Sport, and Exercise Science

### Revised:

**MAJOR IN SPORT ADMINISTRATION (BA/BS),  
75-78 hours**

#### Admission requirements

- Completion of ENG 104 with a C or better.
- Completion of ACC 201; ECON 201; and SPTA 190 (each with C- or better grade).
- Completion of at least 8 hours of field experience in the sport industry.
- Completion of Ball State University Sport Administration Program application.
- Attain a minimum overall grade-point average of 2.5 at the time of application.

Once admitted into the sport administration major the following guidelines will be used to evaluate each student in order to remain in this program of study. Only students admitted into the program will have access to advanced course work (200-400 level) in the area of sport administration (SPTA prefix).

- Maintenance of an overall grade-point average of 2.5 or higher.
- No grade lower than a C- will be accepted in any course within the sport administration and business core courses.
- Maintenance of an overall grade-point average of 2.0 or higher within the business minor requirement.
- Internship (SPTA 479) enrollment requires senior standing and approval of the coordinator.

<i>PREFIX</i>	<i>NO</i>	<i>SHORT TITLE</i>	<i>CR HRS</i>
ACC	201	Principles of Acct 1	3
BL	260	Principles of Business Law	3
ECON	201	Elementary Microeconomics	3
MGT	300	Managing Behavior in Org	3
MKG	300	Principles of Marketing	3
PEP	409	Psychological Social Issues	3
SPTA	190	Introduction to Sport Admin	3
	195	Computer App for Sport Admin	3
	290	Revenue Generation in Sport	3
	300	Sport Law	3
	303	Sport Marketing	3
	305	Sport Finance	3
	345	Sport Communication	3
	402	Sport Event and Facility Mgt	3
	448	Sport Governance	3
	470	Int and Comp Admin of Sport	3

Students must also complete the additional hours from one of the following minors:

Foundations of Business (12 hours)	
Foundations of Management (12 hours)	
Marketing (15 hours)	
Professional Selling (15 hours)	12-15
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75-78 hrs	

## Department of Technology

### Revised:

**DIRECTOR OF CAREER AND TECHNICAL EDUCATION, 30 hours**

#### Initial Practitioner License Requirements

Designed for students who seek a Director of Career and Technical Education license required for administering career programs and facilities. This addresses Indiana REPA license requirements.

#### Admission requirements

Applicants must meet the admission requirements of the Graduate School.

#### Who can qualify?

Candidates must meet the following:

1. Hold one (1) of the following licenses:
  - (A) A Proficient Practitioner license or Accomplished Practitioner license with at least one (1) of the content areas in career and technical education according to the Indiana Standard License Assignment Code.
  - (B) A Workplace Specialist II license with two (2) years of full-time teaching experience in an accredited vocational school in the grade level and vocational content area listed on the license.
  - (C) A Proficient or Accomplished Practitioner License in Building Level Administrator, Superintendent, Director of Curriculum and Instruction, or Director of Exceptional Needs.
  - (D) A Proficient or Accomplished Practitioner license that includes the content area of Business or Technology education.
2. Successfully complete the content for director of career and technical education.
3. Successfully complete a master's degree.

#### Also required:

Verified valid CPR/Heimlich Maneuver certification and

Suicide Prevention training through a state approved training program. Also complete a required state criminal background check.

<i>PREFIX</i>	<i>NO</i>	<i>SHORT TITLE</i>	<i>CR HRS</i>
EDAC	631	Adult and Community Education (3)	
		or	
	632	Adult and Comm Ed Progs (3)	
EDAD	600	Intro to Ed Leadership (3)	
	685	Fiscal Mangmnt of Ed Agencies (3)	
	695	Career Tech Director Intern (6)	
SPCE	637	Org and Admin of Spec Ed (3)	18
6 hours of EDAD 695 are required unless the student previously took an internship for another administrative license, in which case 3 hours may be required pending review.			
3 hours from			
BED	582	Imp Instr in Mkg Subs (3)	
	625	Problems and Issues (3)	
FCED	692	FCS Educ Prog Implementation (3)	
TEDU	568	Principles and Philosphy CTE (3)	3
3 hours from			
BED	593	Phil Org Adm CTE (3)	
TEDU	569	Organization Coordination CTE (3)	3
3 hours from			
BED	592	Work-Based Learning (3)	
	594	Surv Car Tech Ed Prgrm Areas (3)	
TEDU	552	Strategies and Materials CTE (3)	
	696	Coordinating Coop Programs (3)	3
3 hours from			
EDPS	640	Research Methods (3)	
FCS	697	Research Methods in FCS (3)	
TEDU	699	Research in Technical Educ (3)	3
			30 hrs

**TECHNOLOGY: COMPUTER TECHNOLOGY (TCMP)**

**New:**

**611 Resiliency Technologies for Highly Available Infrastructures (3)** A conceptual and technological examination of information technologies that support highly available infrastructures and services. Subject matter includes storage services, virtualization, telephony, computational clusters, data center strategies for reliability and redundancy, and organizational resiliency. Current technology and trends will be examined.

**TECHNOLOGY: CONSTRUCTION MANAGEMENT (TCST)**

**Revised:**

**Revising prefix title**

**From:** TECHNOLOGY: CONSTRUCTION TECHNOLOGY

**To:** TECHNOLOGY: CONSTRUCTION MANAGEMENT

**TECHNOLOGY: MANUFACTURING (TMFG)**

**Revised:**

**465 Advanced Six Sigma (3)** Introduction to advanced Lean Six Sigma tools and development of analytical analysis and decision-making skills through participation in a simulated project. Extensive use of statistics and Minitab. Students required to pass seven Lean Six Sigma Certified Exams.

*Prerequisite:* ISOM 355 and TMFG 365.

**COLLEGE OF ARCHITECTURE AND PLANNING**

**Department of Landscape Architecture**

**LANDSCAPE ARCHITECTURE (LA)**

**Revised:**

**380 Computer Applications in Landscape Architecture 2 (3)** Intermediate level course in the use of computers in landscape architecture. Emphasizes Web design, motion graphics, video, CD authorship, various presentation techniques, three-dimensional computer modeling and animation, and landscape engineering.

*Prerequisite:* LA 280 or permission of the instructor.

**480 Computer Applications in Landscape Architecture 3 (3)** Advanced level use of computers in landscape architecture. Emphasis on three-dimensional computer modeling, animation and simulation, fabrication, video, and presentation techniques.

*Prerequisite:* LA 380 or permission of the instructor.

**MILLER COLLEGE OF BUSINESS**

**New:**

**PENDING ICHE APPROVAL**

**MAJOR IN BUSINESS ANALYTICS (BA/BS), 40-63 hours**

<i>PREFIX</i>	<i>NO</i>	<i>SHORT TITLE</i>	<i>CR HRS</i>
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*Business concentration, 63 hours*

Miller College of Business core, 42 hours

ACC	201	Principles of Accounting 1	3
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	202	Principles of Accounting 2	3				
BL	260	Principles of Business Law	3				40 hrs
ECON	201	Elementary Microeconomics	3				
	202	Elementary Macroeconomics	3			<i>Media and communications concentration, 51 hours</i>	
	221	Business Statistics	3			Required core courses, 27 hours	
FIN	300	Principles of Finance	3	JOUR	101	Media and American Society	3
ISOM	210	Business Information Systems	3		103	Introduction to Visual Comm	3
	249	Foundations of Business Comm	3		104	Strategic Writing	3
	351	Operations Management	3		250	Introduction to Advertising	3
MATH	132	Brief Calculus	3		261	Principles of Public Relations	3
MGT	300	Managing Behavior in Org	3		275	Media Law and Ethics	3
	491	Bus Policy and Strategy Mgt	3		348	Emerging Media AD and PR	3
MKG	300	Principles of Marketing	3		352	Advertising Media	3
					382	Media Research Cons Behav	3
			42 hrs				

Business analytics core requirements

BA	305	Intro to Business Analytics	3
	345	Data Mining for Bus Analytics	3
	436	Data Warehouse and Bus Intell	3
	482	Managing Big Data	3
ECON	321	Advanced Business Statistics	3

Required disciplinary analytics

ECON	424	Introductory Econometrics	3
MKG	450	Soc Media Mkg, Web Analytics	3
			63 hrs

To pursue this program, students must have sufficient mathematical preparation to meet the prerequisite for ECON 221. The prerequisite for ECON 221 is a C or better grade in MATH 111 or a passing grade (D- or better) in MATH 132, 161, 162, 165, or 166. MATH 132 simultaneously substitutes for the University Core Curriculum math requirement.

*Telecommunications concentration, 40 hours*

Pre-telecommunications core, 16 hours

TCOM	101	Foundations of TCOM	3
	204	Media Analysis and Criticism	3
	206	Writing Elec Media Scriptwrtng	1
	207	Writing Elec Media Copywriting	1
	208	Writing Elec Media Newswriting	1
	284	Intro to Electronic Media Law	1
	384	Electronic Media Law	3
	408	Med Ethics Soc Responsibility	3
			16 hrs

Business analytics core requirements

BA	305	Intro to Business Analytics	3
	345	Data Mining for Business Analytics	3
	436	Data Warehouse and Bus Intell	3
	482	Managing Big Data	3
ECON	321	Advanced Business Statistics	3

Required disciplinary analytics

TCOM	306	Programs and Audiences	3
	347	Seminar in Sales and Promotion	3

Required core prerequisite

ECON	221	Business Statistics	3
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*Media and communications concentration, 51 hours*

Required core courses, 27 hours

JOUR	101	Media and American Society	3
	103	Introduction to Visual Comm	3
	104	Strategic Writing	3
	250	Introduction to Advertising	3
	261	Principles of Public Relations	3
	275	Media Law and Ethics	3
	348	Emerging Media AD and PR	3
	352	Advertising Media	3
	382	Media Research Cons Behav	3

27 hrs

Business analytics core requirements

BA	305	Intro to Business Analytics	3
	345	Data Mining for Bus Analytics	3
	436	Data Warehouse and Bus Intell	3
	482	Managing Big Data	3
ECON	321	Advanced Business Statistics	3

Required disciplinary analytics

JOUR	495	Individual Studies Journalism (.5-12)	6
		Junior year: 3 hours journalism	
		Senior year: 3 hours advertising and public relations	

Required core prerequisite

ECON	221	Business Statistics	3
			51 hrs
			40-63 hrs

**Revised:**

**MAJOR IN BUSINESS ADMINISTRATION (BA/BS), 69 hours**

To pursue this program, students must have sufficient mathematical preparation to meet the prerequisite for ECON 221. The prerequisite for ECON 221 is a C or better grade in MATH 111 or a passing grade (D- or better) in MATH 132, 161, 162, 165, or 166. MATH 132 simultaneously substitutes for the University Core Curriculum math requirement.

**MAJOR IN INTERNATIONAL BUSINESS (BA/BS), 78 hours**

To pursue this program, students must have sufficient mathematical preparation to meet the prerequisite for ECON 221. The prerequisite for ECON 221 is a C or better grade in MATH 111 or a passing grade (D- or better) in MATH 132, 161, 162, 165, or 166. MATH 132 simultaneously substitutes for the University Core Curriculum math requirement.

## **MINOR IN FOUNDATIONS OF BUSINESS, 21 hours**

To pursue this program, students must have sufficient mathematical preparation to meet the prerequisite for ECON 221. The prerequisite for ECON 221 is a *C* or better grade in MATH 111 or a passing grade (*D-* or better) in MATH 132, 161, 162, 165, or 166. MATH 132 simultaneously substitutes for the University Core Curriculum math requirement.

## **Department of Accounting**

### **Revised:**

### **MAJOR IN ACCOUNTING (BA/BS), 69 hours**

To pursue this program, students must have sufficient mathematical preparation to meet the prerequisite for ECON 221. The prerequisite for ECON 221 is a *C* or better grade in MATH 111 or a passing grade (*D-* or better) in MATH 132, 161, 162, 165, or 166. MATH 132 simultaneously substitutes for the University Core Curriculum math requirement.

## **Department of Economics**

### **Revised:**

### **MAJOR IN ECONOMICS, BUSINESS CONCENTRATION (BA/BS), 66 hours**

To pursue this program, students must have sufficient mathematical preparation to meet the prerequisite for ECON 221. The prerequisite for ECON 221 is a *C* or better grade in MATH 111 or a passing grade (*D-* or better) in MATH 132, 161, 162, 165, or 166. MATH 132 simultaneously substitutes for the University Core Curriculum math requirement. All students will be required to take the Major Field Test in Economics before graduation.

### **MAJOR IN ECONOMICS, FINANCIAL ANALYST CONCENTRATION (BA/BS), 69 hours**

To pursue this program, students must have sufficient mathematical preparation to meet the prerequisite for ECON 221. The prerequisite for ECON 221 is a *C* or better grade in MATH 111 or a passing grade (*D-* or better) in MATH 132, 161, 162, 165, or 166. MATH 132 simultaneously substitutes for the University Core Curriculum math requirement. All students will be required to take the Major Field Test in Economics before graduation.

### **MAJOR IN ECONOMICS, LIBERAL ARTS CONCENTRATION (BA/BS), 33-40 hours**

To pursue this program, students must have sufficient mathematical preparation to meet the prerequisite for ECON 221. The prerequisite for ECON 221 is a *C* or better grade in MATH 111 or a passing grade (*D-* or better) in MATH 132, 161, 162, 165, or 166. MATH 132 simultaneously substitutes for the University Core Curriculum math requirement. All

students will be required to take the Major Field Test in Economics before graduation. The economics and law concentration is appropriate for pre-law students; the financial economics concentration is appropriate for students who are interested in financial analyst careers.

## **Department of Finance and Insurance**

### **Revised:**

### **MAJOR IN FINANCE (BA/BS), 69 hours**

To pursue this program, students must have sufficient mathematical preparation to meet the prerequisite for ECON 221. The prerequisite for ECON 221 is a *C* or better grade in MATH 111 or a passing grade (*D-* or better) in MATH 132, 161, 162, 165, or 166. MATH 132 simultaneously substitutes for the University Core Curriculum math requirement.

### **MAJOR IN RISK MANAGEMENT AND INSURANCE (BA/BS), 66 hours**

To pursue this program, students must have sufficient mathematical preparation to meet the prerequisite for ECON 221. The prerequisite for ECON 221 is a *C* or better grade in MATH 111 or a passing grade (*D-* or better) in MATH 132, 161, 162, 165, or 166. MATH 132 simultaneously substitutes for the University Core Curriculum math requirement.

## **Department of Information Systems and Operations Management**

### **Revised:**

### **MAJOR IN COMPUTER INFORMATION SYSTEMS (BA/BS), 66 hours**

To pursue this program, students must have sufficient mathematical preparation to meet the prerequisite for ECON 221. The prerequisite for ECON 221 is a *C* or better grade in MATH 111 or a passing grade (*D-* or better) in MATH 132, 161, 162, 165, or 166. MATH 132 simultaneously substitutes for the University Core Curriculum math requirement.

### **MAJOR IN LOGISTICS AND SUPPLY CHAIN MANAGEMENT (BA/BS), 60 hours**

To pursue this program, students must have sufficient mathematical preparation to meet the prerequisite for ECON 221. The prerequisite for ECON 221 is a *C* or better grade in MATH 111 or a passing grade (*D-* or better) in MATH 132, 161, 162, 165, or 166. MATH 132 simultaneously substitutes for the University Core Curriculum math requirement.

## **Department of Management**

### **Revised:**

**MAJOR IN HUMAN RESOURCE MANAGEMENT (BA/BS), 69 hours**

To pursue this program, students must have sufficient mathematical preparation to meet the prerequisite for ECON 221. The prerequisite for ECON 221 is a C or better grade in MATH 111 or a passing grade (D- or better) in MATH 132, 161, 162, 165, or 166. MATH 132 simultaneously substitutes for the University Core Curriculum math requirement.

	201	Elementary Microeconomics (3)	3
MKG	300	Principles of Marketing	3
	325	Professional Selling	3
	427	Sales Management	3
	429	Sales Technology Application	3

6 hours from			
MKG	369	Professional Practice in Mkg (3)	
	425	Seminar in Adv Prof Selling (3)	
	460	Strategic Supply Chain Mgt (3)	
	495	Seminar in Marketing (3)	
	497	Independent Study in Marketing (3)	6

21 hrs

**Department of Marketing**

**Revised:**

**MAJOR IN MARKETING (BA/BS), 69 hours**

To pursue this program, students must have sufficient mathematical preparation to meet the prerequisite for ECON 221. The prerequisite for ECON 221 is a C or better grade in MATH 111 or a passing grade (D- or better) in MATH 132, 161, 162, 165, or 166. MATH 132 simultaneously substitutes for the University Core Curriculum math requirement.

**MARKETING (MKG)**

**Correction (per Department of Marketing):**

**450 Social Media Marketing and Web Analytics (3)**  
**Revise prerequisite:** MKG 350 or BA 305 and 345 or permission of the department chairperson.

**MAJOR IN PROFESSIONAL SELLING (BA/BS), 69 hours**

To pursue this program, students must have sufficient mathematical preparation to meet the prerequisite for ECON 221. The prerequisite for ECON 221 is a C or better grade in MATH 111 or a passing grade (D- or better) in MATH 132, 161, 162, 165, or 166. MATH 132 simultaneously substitutes for the University Core Curriculum math requirement.

**Revised:**

**369 Professional Practice in Marketing (1-3)** Professional experience as an intern with an approved organization under the supervision of a departmental faculty member.  
*Prerequisite:* MKG 300 and permission of the department chairperson or internship coordinator.

Course may be repeated for credit. Registration limited to 3 hours per semester. For marketing majors, a maximum of 6 hours may be taken across a combination of MKG 369, 495, 497, and 498. For marketing minors, the maximum combined limit is 3 credit hours.

**495 Seminar in Marketing (3)** Advanced examination of such current marketing topics as marketing theory and quantitative, service, nonprofit, bank, comparative, and international marketing. Specific content is announced when offered.

*Prerequisite:* MKG 300 and senior standing or permission of the department chairperson.

Registration limited to 3 hours per semester. For marketing majors, a maximum of 6 hours may be taken across a combination of MKG 369, 495, 497, and 498. For marketing minors, the maximum combined limit is 3 credit hours.

**497 Independent Study in Marketing (1-3)** Independent study in some phase of marketing that may consist of a marketing research project or the analysis of current marketing practices.

*Prerequisite:* MKG 300; permission of the department chairperson.

A total of 3 hours of credit may be earned across a combination of MKG 495, 497, and 498.

Registration limited to 3 hours per semester. For marketing majors, a maximum of 6 hours may be taken across a combination of MKG 369, 495, 497, and 498. For marketing

**MINOR IN MARKETING, 21 hours**

Open to all students with an overall GPA of 2.25 or better, except majors in marketing or professional selling.

PREFIX	NO	SHORT TITLE	CR HRS
ECON	116	Survey of Economic Ideas (3)	
	or		
	201	Elementary Microeconomics (3)	3
MKG	300	Principles of Marketing	3
15 hours from 300-400 level marketing electives with at least 6 hours from the MKG 400-level courses			15
			<hr/>
			21 hrs

**MINOR IN PROFESSIONAL SELLING, 21 hours**

Open to all students with an overall GPA of 2.25 or better, except majors in marketing or professional selling.

PREFIX	NO	SHORT TITLE	CR HRS
ECON	116	Survey of Economic Ideas (3)	
	or		

minors, the maximum combined limit is 3 credit hours.

*Open only to marketing majors and minors.*

### **498 Advanced Immersive Project in Marketing (3)**

Immersive learning project in which students participate in multidisciplinary team-based project led by BSU faculty mentor(s) under auspices of Building Better Communities, Virginia Ball Center for Creative Inquiry, Provost's Immersive Learning Grant program, or department sponsored project. Student's participation in project must demonstrate meaningful marketing program relevance via application.

*Prerequisite:* MKG 300; permission of the department chairperson or advisor; must fill out an application available in the departmental office.

Registration limited to 3 hours per semester. For marketing majors, a maximum of 6 hours may be taken across a combination of MKG 369, 495, 497, and 498. For marketing minors, the maximum combined limit is 3 credit hours.

## **COLLEGE OF COMMUNICATION, INFORMATION, AND MEDIA**

### **Department of Journalism JOURNALISM (JOUR)**

#### **Dropped:**

#### **680 Studies in Journalism and Communications Research Methods (3)**

#### **Revised:**

**101 Media and American Society (3)** Study of the structures and functions of media communications and how they inform, persuade, and entertain audiences. Overview of the evolving relationships among media industries and American society. Focus on advertising, public relations, and news organizations. Core Transfer Library: Communications (ICM 1102)

*Not open to students who have credit in TCOM 101.*

*Open only to students in a journalism department program, the telecommunications news concentration, business analytics, and the campaign communication minor.*

**103 Introduction to Visual Communication and Web Development (3)** Introduces students to the theories and concepts behind visual communication with the application and understanding of desktop publishing and the various ways that media practitioners use visuals. Students will apply these same theories and concepts in developing visual materials for the World Wide Web.

*Prerequisite:* JOUR 101.

*Open only to journalism department majors and those pursuing a major in business analytics.*

**104 Strategic Writing (3)** Develops basic writing skills that public relations and advertising professionals use. Content focuses on journalism writing, including Associated Press

style, proper grammar, syntax and usage, and aspects of advertising and business writing.

*Prerequisite:* JOUR 101 and successful completion of a departmental language usage proficiency exam.

*Open only to journalism department majors and those pursuing a major in business analytics.*

**250 Introduction to Advertising (3)** A survey of the advertising communication process and its history. Focuses on communication research, creative strategy, campaign planning, function of mass media as carriers of advertising, and evaluation of advertising effectiveness.

*Prerequisite:* JOUR 101 or TCOM 101 (only for telecommunications majors).

*Open only to students pursuing a major in advertising, business analytics, telecommunications, public relations, or a minor in campaign communication.*

**261 Principles of Public Relations (3)** Survey of the theory, philosophy, and function of public relations practices and programs in organizations and institutions.

*Prerequisite:* JOUR 101 or TCOM 101 (only for telecommunications majors).

*Open only to students pursuing a major in advertising, business analytics, telecommunications, public relations, or a minor in campaign communication.*

**275 Media Law and Ethics (3)** Examination of the ethical, legal, political, and social pressures on strategic communication. Explores ethical and legal implications in the workplace, with attention given to the historical development of laws and ethics in communication.

*Prerequisite:* JOUR 250 or 261.

*Open only to majors in advertising, business analytics, and public relations.*

**348 Emerging Media in Advertising and Public Relations (3)** Study of emerging media, with an emphasis on digital media, and the role emerging media plays in advertising and public relations. Explores emerging media's role in society and on consumers and business, technology's role in emerging media, and how emerging media impacts strategic communication development, implementation, and measurement.

*Prerequisite:* JOUR 103, 104, and 250 for advertising majors; JOUR 103, 104, and 250 or 261 for business analytics majors; JOUR 103, 104, and 261 for public relations majors; or TCOM 345 for telecommunications majors.

*Open only to majors in advertising, business analytics, public relations, and telecommunications.*

**352 Advertising Media (3)** Strategy and procedures for planning, executing, and controlling the placement of advertising. Examines characteristics of media, techniques of media budgeting and selection, and methods of evaluating media effectiveness.

*Prerequisite:* JOUR 103, 104, and 250 for advertising and business analytics majors; or TCOM 345 for telecommunications majors.

*Open only to majors in advertising, business analytics, and telecommunications.*



### **355 Branding for Advertising and Public Relations (3)**

Study of brands, branding, and the role of advertising and public relations in brand development. Explores how brands are built, leveraged, measured, and nurtured; the roles brands play in society; trends in brand development; and future of brands.

*Prerequisite:* JOUR 103, 104, and 250 for advertising majors; JOUR 103, 104, and 261 for public relations majors; or TCOM 345 for telecommunications majors.

*Open only to* majors in advertising, public relations, and telecommunications.

**382 Media Research and Consumer Behavior (3)** Practical approaches to research in strategic communication campaigns. Emphasizes survey research, questionnaire construction, interviewing techniques, attitude measurement, copy testing, audience analysis, computer database searches, evaluation of externally supplied research, and data interpretation.

*Prerequisite:* JOUR 103, 104, and 250 for advertising majors; JOUR 103, 104, and 250 or 261 for business analytics majors; or JOUR 103, 104, and 261 for public relations majors.

*Open only to* majors in advertising, business analytics, and public relations.

**455 Immersion: Student Media Advertising (3-9)** Intensive student-driven advertising development experience working with various Unified Media Lab student media. Student teams function as an in-house Unified Media Lab agency providing advertising and promotional services and producing tangible, professional-quality advertising content.

*Prerequisite:* permission of the department chairperson.

*Prerequisite recommended:* JOUR 382, 385, and 456.

A total of 9 hours of credit may be earned.

*Open only to* seniors.

**456 Advertising Campaigns (3)** Synthesis of skills and concepts acquired in the specialized advertising courses. Research, plan, write, schedule, budget, and evaluate a complete advertising campaign. Enhances career development skills and portfolio-ready material.

*Prerequisite:* JOUR 352, 354, and 382.

## **NEWS (NEWS)**

### **Revised:**

**197 Introduction to Student Media (1)** Introduction to news-oriented student media at Ball State University including the missions, audiences, and process of each student media organization. Includes experience in journalistic storytelling for student media.

*Prerequisite:* NEWS 105.

## **PUBLIC RELATIONS (PR)**

### **New:**

**681 Applied Research in Strategic Communications (3)**

Individual exploration, design, and implementation of research studies in strategic communications. Students develop and conduct their own studies.

*Prerequisite:* PR 680.

*Open only to* graduate students in the public relations program.

### **Revised:**

**680 (JOUR 680) Journalism and Mass Communication Research Methods (3)** Survey of journalism and mass media research methods and strategies, including content analysis and other qualitative and quantitative research techniques. Emphasis on student preparation for graduate research options.

## **Department of Telecommunications**

### **Revised:**

### **MAJOR IN TELECOMMUNICATIONS (BA), 45-57 hours**

*Sales and promotion concentration, 36 hours*

TCOM	306	Programs and Audiences	3
	340	Electronic Media Sales	3
	344	Electronic Media Promotion	3
	345	Adv Media Sales and Promo	3
	346	Sales and Promotion Writing	3
	384	Electronic Media Law	3
	408	Med Ethics Soc Responsibility	3
	445	Sales and Promotion Management	3

3 hours from

COMM	251	Bus and Prof Comm (3)	
	320	Persuasion (3)	
	330	Small Group Decision Making (3)	
	375	Presentational Communication (3)	3

3 hours from

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

6 hours from

COMM	322	Comm and Popular Culture (3)	
ENG	231	Professional Writing (3)	
FCFN	376	Intro Event Management (3)	
	477	Advanced Event Management (3)	
JOUR	250	Introduction to Advertising (3)	
	261	Principles of Public Relations (3)	
	348	Emerging Media AD and P R (3)	
	352	Advertising Media (3)	
	355	Branding for AD and P R (3)	
MKG	300	Principles of Marketing (3)	
	310	Consumer Behavior (3)	
	320	Advertising Management (3)	
	325	Professional Selling (3)	
	420	Integrated Mkg Communications (3)	
	425	Seminar in Adv Prof Selling (3)	

	427	Sales Management (3)	
TCOM	347	Spec Tpcs Sales and Promotion (3)	6
			45 hrs

FCFN 477 requires FCFN 376 as a prerequisite. MKG 310, 320, requires MKG 300 as a prerequisite. MKG 420 requires MKG 300 as a prerequisite. MKG 425 requires MKG 300, 325 and permission of the department chairperson as a prerequisite. MKG 427 requires MKG 300 and 325 as prerequisites.

## NEWS (NEWS)

### Revised:

**197 Introduction to Student Media (1)** Introduction to news-oriented student media at Ball State University including the missions, audiences, and process of each student media organization. Includes experience in journalistic storytelling for student media.

*Prerequisite:* NEWS 105.

## TELECOMMUNICATIONS (TCOM)

### Dropped:

**395 Honors Colloquium in Telecommunications (3)**

**407 Business of the Media (3)**

### Revised:

**101 Foundations of Telecommunications (3)**

**Revising statement:** *Open only to* approved pre-telecommunications students, and business analytics majors with telecommunications concentration.

**204 Media Analysis and Criticism (3)**

**Revising statement:** *Open only to* approved telecommunications majors and minors, pre-telecommunications students, and business analytics majors with telecommunications concentration.

**206 Writing for Electronic Media: Scriptwriting (1)**

**Revising statement:** *Open only to* approved telecommunications majors and minors, pre-telecommunications students, and business analytics majors with telecommunications concentration.

**207 Writing for Electronic Media: Copywriting (1)**

**Revising statement:** *Open only to* approved telecommunications majors and minors, pre-telecommunications students, and business analytics majors with telecommunications concentration.

**208 Writing for Electronic Media: Newswriting (1)**

**Revising statement:** *Open only to* approved telecommunications majors and minors, pre-

telecommunications students, and business analytics majors with telecommunications concentration.

**284 Introduction to Electronic Media Law (1)**

**Revising statement:** *Open only to* approved telecommunications majors and minors, pre-telecommunications students, and business analytics majors with telecommunications concentration.

**288 Special Topics in Pre-Telecommunications (1)**

A variable topic seminar focusing on issues pertaining to students enrolled in pre-TCOM courses. Topics will come from multiple TCOM concentration areas.

A total of 3 hours of credit may be earned, but no more than 1 in any one semester or term.

*Open only to* approved pre-telecommunications students.

**306 Programs and Audiences (3)** How media companies collect and analyze audience data to support decisions involving content and advertising.

*Prerequisite:* pre-telecommunications core courses with C (2.0) or better grades in each, and a 2.5 grade-point average for these courses.

*Open only to* approved telecommunications majors and minors and business analytics majors with telecommunications concentration.

**340 Electronic Media Sales (3)** Types and practices of retail and business-to-business advertising sales. Study includes radio, television, Web-based revenue streams. Skills development in client discovery, qualifying, ad plan creation and presentation, writing and speaking skills, understanding media and the marketplace, audience measurement.

*Prerequisite:* pre-telecommunications core courses with C (2.0) or better grades in each, and a 2.5 grade-point average for these courses.

*Open only to* approved telecommunications majors and minors and approved advertising majors.

**344 Electronic Media Promotion (3)** Methods, concepts, strategies, and creation of efficient and effective target-oriented program, audience, image, brand extension, and sales promotion campaigns. Media include radio, television, cable, and Web-based applications, using selected media to reach target demographic markets.

*Prerequisite:* pre-telecommunications core courses with C (2.0) or better grades in each, and a 2.5 grade-point average for these courses.

*Open only to* approved telecommunications majors and minors and approved advertising majors.

**345 Advanced Media Sales and Promotion (3)** Study of advanced sales and promotion theories and techniques with an emphasis on experiential learning.

*Prerequisite:* pre-telecommunications core courses with C (2.0) or better grades in each, and a 2.5 grade-point average for these courses; TCOM 340, 344.

*Open only to* approved telecommunications majors and minors.

**346 Sales and Promotion Writing (3)** Introduces various

writing skills needed by those entering the areas of telecommunications sales, promotion, and management. Practice proposal writing, grant writing, storyboarding, media kit development, and business writing.

*Prerequisite:* pre-telecommunications core courses with C (2.0) or better grades in each, and a 2.5 grade-point average for these courses.

*Open only to* telecommunications majors and minors and approved advertising majors.

**347 (395) Special Topics in Telecommunications Sales and Promotion (3)** Seminar offering opportunities for students to hone skills or expand a knowledge base while working on a specific topic throughout the semester. Focus on particular aspects of telecommunications sales and promotion with emphasis on experiential learning.

*Prerequisite:* pre-telecommunications core courses with C (2.0) or better grades in each, and a 2.5 grade-point average for these courses.

*Open only to* approved telecommunications majors and minors, and business analytics majors with telecommunications concentration.

### **384 Electronic Media Law (3)**

**Revising statement:** *Open only to* approved telecommunications majors and minors and business analytics majors with telecommunications concentration.

**397 Immersion 1 (1-6)** Student-driven immersive team experience involving telecommunications, supervised by an approved faculty member. Team produces tangible outcome or product of benefit to campus, local, national, or international community.

*Prerequisite:* permission of the department chairperson. A total of 6 hours of credit may be earned.

*Open only to* approved telecommunications majors and minors.

### **408 Media Ethics and Social Responsibility (3)**

**Revising statement:** *Open only to* approved telecommunications majors and minors and business analytics majors with telecommunications concentration.

**445 (407) Sales and Promotion Management (3)** Issues and responsibilities facing sales and promotion management in telecommunications industries. Consists largely of guest lecturers, class discussion, and management role playing.

*Prerequisite:* pre-telecommunications core courses with C (2.0) or better grades in each, and a 2.5 grade-point average for these courses; senior standing.

*Open only to* approved telecommunications majors and minors.

## **COLLEGE OF FINE ARTS**

### **Department of Art**

#### **ART: CRAFTS (ACR)**

#### **New:**

**532 Neon (3-6)** Challenges students with conceptual and material investigations of neon and light based art and design. Assignments will develop from technical and process based to resolved works of art and design whose underlying ideas are paramount. Research on historical and contemporary developments in this field will augment students understanding of this medium. Development of professional practices will be stressed as the student takes work from a concept to presentation.

A total of 12 hours of credit may be earned, but no more than 6 in any one semester or term.

#### **ART: HISTORY (AHS)**

#### **New:**

**302 Special Topics in History of Art: Ancient or Non-Western (3)** Investigation of a particular topic, theme, or issue in ancient or non-western art history. Exact content will be announced before each offering. A particular topic can only be taken once.

*Prerequisite:* AHS 100 or 101, or permission of the instructor.

A total of 9 hours of credit may be earned, but no more than 3 in any one semester or term.

**303 Special Topics in History of Art: Post-Classical Europe to 1850 (3)** Investigation of a particular topic, theme, or issue in art history from post-classical Europe to 1850. Exact content will be announced before each offering. A particular topic can only be taken once.

*Prerequisite:* AHS 100 or 102, or permission of the instructor.

A total of 9 hours of credit may be earned, but no more than 3 in any one semester or term.

**304 Special Topics in History of Art: American, Modern, and Contemporary (3)** Investigation of a particular topic, theme, or issue in American, modern, or contemporary art history. Exact content will be announced before each offering. A particular topic can only be taken once.

*Prerequisite:* AHS 100 or 102, or permission of the instructor.

A total of 9 hours of credit may be earned, but no more than 3 in any one semester or term.

#### **Revised:**

**261 Modern Art (3)** Investigation of the stylistic, theoretical, and social dimensions of modernism and its foundations, with an emphasis on art of the 19th and early 20th centuries.

*Prerequisite:* AHS 100 or 102.

*Open to* all students.

**301 Special Topics in History of Art (3)** Investigation of a particular topic, theme, or issue in art history. Exact content will be announced before each offering. A particular topic can

only be taken once.

*Prerequisite:* AHS 100 or 101, or permission of the instructor.

A total of 9 hours of credit may be earned, but no more than 3 in any one semester or term.

## ART (ART)

### New:

**512 Animatics (3-6)** Provides an advanced development of storytelling through film composition, pacing, scene values, and scene progression. Storytelling is the central competency, facilitated through animatics. Animatics are blueprints that guide a film's production pipeline towards an effective, central, and unified aesthetic.

A total of 12 hours of credit may be earned, but no more than 6 in any one semester or term.

## School of Music

### Revised:

#### MAJOR IN MUSIC PERFORMANCE: GUITAR (BM), 90 hours

PREFIX	NO	SHORT TITLE	CR	HRS
MUHI	200	Survey of Music Literature	2	
	330	Music History	3	
	331	Music History	3	
MUSC	499	Recital	1	
MUSP	290	Introduction to Conducting	2	
	325	Secondary Study (Piano) (1)		
	or			
	326	Group Piano (1)	2	
	397	Junior Recital	1	
	498	Senior Recital	2	
MUST	101	Sight Singing and Ear Training	1	
	102	Sight Singing and Ear Training	1	
	111	Music Theory	2	
	112	Music Theory	2	
	201	Sight Singing and Ear Training	1	
	202	Sight Singing and Ear Training	1	
	211	Music Theory	2	
	212	Music Theory	2	
	311	Mus Thry: Form and Analy	2	

Complete one concentration

*Guitar: Classical studies concentration*

MUSP	200	Major Study (1-4)		
	or			
	400	Major Study (1-4)	27	
	202	Secondary Study (1-4)		
	or			
	204	Jazz Study (1-2)	4	
	427	Guitar Literature and Pedagogy	2	
	439	Small Ensemble (Guitar) (1-2)	4-5	
MUST	312	MusTh: 18th-Cent Counterpoint	2	

	411	Instrumentation and Orchestrtn	2	
	2-6 hours from			
MUST	412	17th 18th Cent Compositrn Pract (2-3)		
	416	Theory of 19th-Century Music (3)		
	417	Thry of 20th 21st-Cent Music (3)		
	420	Sixteenth-Century Counterpoint (3)		
	421	Analytical Technique (3)		
	491	Indep Study in Music Theory (1-3)	2-6	

	3-4 hours from			
MUSC	340	Large Instrumental Ensemble (1)		
	341	Large Instrumental Ensemble (.5)		
	350	Large Vocal Ensemble (1)		
	351	Large Vocal Ensemble (.5)	3-4	

Electives

MUHI	Choose from 435, 436, 437, 438, 491, 492	4	
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MU	Fulfill 4-10 hours from electives in music	4-10	
MUSP	202, if elected, is to be Lute.		

*Guitar: Jazz studies concentration*

MGT	241	The Entrepreneurial Experience	3
MUHI	441	Jazz History	2
MUSC	340	Large Instrumental Ensemble (1)	
	or		
	341	Large Instrumental Ensemble (.5)	7-8
MUSE	465	Jazz Pedagogy	2
MUSP	200	Major Study (1-4)	
	or		
	400	Major Study (1-4)	20
	203	Minor Study (1-4)	2
	231	Jazz Combo (1-4)	5-7
	439	Small Ensemble (Guitar)	3-7
	456	Jazz Improv 1	2
	457	Jazz Improv 2	2
	462	Jazz Piano Lab	1
	499	Independ Study in Musical Perf (1-4)	3
MUST	223	Jazz Composition	2
	250	Jazz Theory	2
	414	Jazz Arranging	2
	415	Jazz Arranging 2	2

90 hrs

#### MAJOR IN MUSIC PERFORMANCE: PIANO (BM), 90 hours

PREFIX	NO	SHORT TITLE	CR	HRS
MUHI	200	Survey of Music Literature	2	
	330	Music History	3	
	331	Music History	3	
MUSC	499	Recital	1	
MUSP	290	Introduction to Conducting	2	
	397	Junior Recital	1	
	498	Senior Recital	2	
MUST	101	Sight Singing and Ear Training	1	
	102	Sight Singing and Ear Training	1	
	111	Music Theory	2	

112	Music Theory	2	414	Jazz Arranging	2
201	Sight Singing and Ear Training	1	415	Jazz Arranging 2	2
202	Sight Singing and Ear Training	1			
211	Music Theory	2	2 hours from		
212	Music Theory	2	MUSC 340	Large Instrumental Ensemble (1)	
311	Mus Thry: Form and Analy	2	341	Large Instrumental Ensemble (.5)	
			350	Large Vocal Ensemble (1)	
			351	Large Vocal Ensemble (.5)	2
Complete one concentration					
<i>Piano: Classical studies concentration</i>					
MUHI 401	Piano Literature	2	6 hours from		
MUSP 200	Major Study (1-4)		MUSC 340	Large Instrumental Ensemble (1)	
	or		341	Large Instrumental Ensemble (.5)	6
400	Major Study (1-4)	23			
206	Piano Accompanying (1-99)	1			90 hrs
306	Piano Accompanying (1-99)	1			
425	Elemtry Piano Pedagogy and Lit	3			
426	Intermd Piano Pedagogy and Lit	3			
MUST 312	MusTh: 18th-Cent Counterpoint	2			
<b>MAJOR IN MUSIC PERFORMANCE: SYMPHONIC INSTRUMENTS (BM), 90 hours</b>					
			<i>PREFIX NO</i>	<i>SHORT TITLE</i>	<i>CR HRS</i>
3-5 hours from			MUHI 200	Survey of Music Literature	2
MUSP 202	Secondary Study (1-4)	3-5	330	Music History	3
			331	Music History	3
0-2 hours from			MUSC 499	Recital	1
MUSP 430	Small Ensemble (Woodwinds) (1-4)		MUSP 290	Introduction to Conducting	2
431	Small Ensemble (Brass) (1-4)		325	Secondary Study (Piano) (1)	
432	Small Ensemble (Percussion) (1-4)		or		
433	Small Ensemble (Strings) (1-4)		326	Group Piano (1)	2
434	Small Ensemble (Harp) (1-4)	0-2	397	Junior Recital	1
			498	Senior Recital	2
7-8 hours from			MUST 101	Sight Singing and Ear Training	1
MUSP 435	Small Ensemble (Piano) (1-2)	7-8	102	Sight Singing and Ear Training	1
			111	Music Theory	2
2-4 hours from			112	Music Theory	2
MUSC 340	Large Instrumental Ensemble (1)		201	Sight Singing and Ear Training	1
341	Large Instrumental Ensemble (.5)		202	Sight Singing and Ear Training	1
350	Large Vocal Ensemble (1)		211	Music Theory	2
351	Large Vocal Ensemble (.5)	2-4	212	Music Theory	2
			311	Mus Thry: Form and Analy	2
Electives					
MUST Choose 2 hours from MUST courses		2			
Music Electives: MMP, MUHI, MUSE, MUST		6-8			
General electives		5-6			
<i>Piano: Jazz studies concentration</i>					
MGT 241	The Entrepreneurial Experience	3			
MUHI 441	Jazz History	2	2 hours from		
MUSE 465	Jazz Pedagogy	2	MUSP 202	Secondary Study (1-4)	
MUSP 200	Major Study (1-4)		or		
	or		420	Wind and Perc Lit and Pedagogy (2)	
400	Major Study (1-4)	20	or		
204	Jazz Study (1-2)	3	423	String and Harp Lit and Pedag (2)	2
231	Jazz Combo (1-4)	8			
456	Jazz Improv 1	2	3-4 hours from		
457	Jazz Improv 2	2	MUSP 430	Small Ensemble (Woodwinds) (1-4)	
462	Jazz Piano Lab	1	431	Small Ensemble (Brass) (1-4)	
499	Independ Study in Musical Perf (1-4)	3	432	Small Ensemble (Percussion) (1-4)	
MUST 223	Jazz Composition	2	433	Small Ensemble (Strings) (1-4)	
250	Jazz Theory	2	434	Small Ensemble (Harp) (1-4)	3-4

2 hours from  
 MUST 411 Instrumentation and Orchestration (2)  
 or  
 413 Band Arranging (2) 2

433 Small Ensemble (Strings) (1-4)  
 434 Small Ensemble (Harp) (1-4) 0-1  
 \_\_\_\_\_  
 90 hrs

2-4 hours from  
 MUST 221 Music Composition 1 (2)  
 412 17th 18th Cent Compositional Practice (2-3)  
 414 Jazz Arranging (2)  
 416 Theory of 19th-Century Music (3)  
 417 Theory of 20th 21st-Cent Music (3)  
 420 Sixteenth-Century Counterpoint (3)  
 421 Analytical Technique (3)  
 491 Independent Study in Music Theory (1-3) 2-4

## MUSIC THEORY AND COMPOSITION (MUST)

### Revised:

**100 Fundamentals of Music Theory (3)** The study of rudiments of written music theory, including notation, scales, key signatures, music terminology, intervals, rhythm and meter, chord construction, and music terminology.

12 hours from  
 MUSC 340 Large Instrumental Ensemble (1)  
 or  
 341 Large Instrumental Ensemble (.5) 12  
 String and harp primary students may count up to 4 additional registrations in MUSP 433/434 toward satisfying the 12 credits of MUSC large ensembles.

## Department of Theatre and Dance

### Revised:

#### MAJOR IN THEATRE (BA/BS), 58-67 hours

Electives  
 MUHI Choose from 435, 436, 437, 438, 491, 492 4

*PREFIX NO SHORT TITLE CR HRS*

MU Fulfill 2-4 hours from electives in music 2-4  
 General electives 4

Core requirements, 32 hours

*Symphonic Instruments: Jazz studies concentration*  
 MGT 241 The Entrepreneurial Experience 3  
 MUHI 441 Jazz History 2  
 MUSE 465 Jazz Pedagogy 2  
 MUSP 200 Major Study (1-4)  
 or  
 400 Major Study (1-4) 20  
 203 Minor Study (1-4) 2  
 231 Jazz Combo (1-4) 7  
 456 Jazz Improv 1 2  
 457 Jazz Improv 2 2  
 462 Jazz Piano Lab 1  
 499 Independent Study in Musical Performance (1-4) 3  
 MUST 223 Jazz Composition 2  
 250 Jazz Theory 2  
 414 Jazz Arranging 2  
 415 Jazz Arranging 2 2

THEA 102	Computers in Theatre and Dance	3
103	Aesthetics of Theatre 1	3
104	Aesthetics of Theatre 2	3
105	Freshman Experience	0
107	Design Awareness	3
220	Stagecraft	3
232	Acting 1	3
250	Directing 1	3
280	Practicum (0-1)	2
317	Pre-Modern Theatre History	3
319	Modern Theatre History	3
405	Senior Experience	0
435	Shakespeare Performance	3
		_____
		32 hrs

2 hours from  
 MUSC 340 Large Instrumental Ensemble (1)  
 341 Large Instrumental Ensemble (.5) 2  
 2 hours of MUSC must be in traditional ensemble on primary instrument

Complete one concentration

*Design and technology concentration, 35 hours*

Required courses, 23 hours

6 hours from  
 MUSC 340 Large Instrumental Ensemble (1)  
 341 Large Instrumental Ensemble (.5) 6

THEA 106	Styles and Concept	3
123	Color Studies	2
223	Costume Technology	3
229	Stage Makeup	2
320	Design Skills	2
321	Rendering for the Theatre	2
326	Stage Lighting Technology	3
327	Sound Technology	3
434	Immersion Experience (1-12)	3

0-1 hours from  
 MUSP 430 Small Ensemble (Woodwinds) (1-4)  
 431 Small Ensemble (Brass) (1-4)  
 432 Small Ensemble (Percussion) (1-4)

Design electives, 6 hours

THEA 420	Scene Design (3)	
423	Costume Design (3)	
426	Lighting Design (3)	
427	Sound Design (3)	

429 Makeup and Hair Design (3) 6

Design and technology electives, 6 hours

COMM 330 Small Group Decision Making (3)

THEA 221 Advanced Stagecrafts (2)

224 Form and Materials (2)

225 Theatrical Drafting (3)

291 Stage Management (3)

299X Experimental Topics (3)

329 Costume History (3)

350 Directing 2 (3)

380 Advanced Practicum (1-6)

421 Stage Properties (3)

Up to one other THEA or DANC course not listed above as approved by the PDA or chairperson. 6

67 hrs

Design and technology concentration students must present a portfolio at the end of each spring semester and must pass an exit portfolio review at the end of the senior year to complete the concentration. Students failing to pass a portfolio review at the end of one academic year are considered on probationary status for the concentration; those failing to pass a portfolio review at the end of the succeeding year will be dropped from the concentration. The department recommends that the design and technology concentration students pursue a minor in art history through the Department of Art.

*Production concentration, 30 hours*

Production: Directing concentration

Required courses, 24 hours

THEA 233 Acting 2 3

291 Stage Management 3

325 Dramaturgy 3

340 Playwriting 1 3

350 Directing 2 3

352 Directing Styles 3

353 Acting and Directing History 3

450 Directing 3 3

Production: Stage Management concentration

Required courses, 23 hours

THEA 223 Costume Technology 3

291 Stage Management 3

320 Design Skills 2

326 Stage Lighting Technology 3

327 Sound Technology 3

350 Directing 2 3

391 Advanced Stage Management 3

491 Theatre Management 3

Electives

6 hours directing

7 hours stage management

Any THEA course, courses from other departments as approved by advisor 6-7

62 hrs

Each directing/stage management concentration is designed as

a pre-professional conservatory style program within a liberal arts education. Curriculum and performance opportunities are structured to prepare students for careers in directing or stage management or for advanced director training in quality graduate schools or conservatories. The directing/stage management concentration combines concentrated study in directing/management with required courses in other areas of theatre. In addition, all theatre students complete a strong core of liberal arts courses. Directing/stage management concentration students enter as theatrical studies concentration and apply for admittance to the directing/stage management concentration at the end of their first year. Students must pass a portfolio review at the end of their sophomore and junior years to continue in the concentration. A final project is required in their senior year and may be any of the following: a departmentally supported production, a self-produced project in a found space; a project done in conjunction with Muncie Civic Theatre or similar venues approved by the area coordinator. The project can be a play or a musical and must be documented in a senior thesis.

*Theatrical studies concentration, 26 hours*

Required courses, 12 hours

DANC Any 100-level dance course 1

THEA 233 Acting 2 3

320 Design Skills 2

322 Theatre of the 21<sup>st</sup> Century 3

325 Dramaturgy 3

Electives, 14 hours

ENG 410 Adv Screenwriting (3)

464 Shakespeare (3)

TCOM 487 Video Production Seminar (3-6)

THEA 150 Introduction Theatre Education (3)

223 Costume Technology (3)

229 Stage Makeup (2)

234 Introduction to the Singing Actor (3)

291 Stage Management (3)

318 Advanced Topics (3)

324 Musical Theatre History (3)

326 Stage Lighting Technology (3)

329 Costume History (3)

340 Playwriting 1 (3)

350 Directing 2 (3)

352 Directing Styles (3)

353 Acting and Directing History (3)

354 Directing for Young Audiences (3)

380 Advanced Practicum (1-9)

391 Advanced Stage Management (3)

420 Scene Design (3)

423 Costume Design (3)

426 Lighting Design (3)

434 Immersion Experience (1-12)

450 Directing 3 (3)

491 Theatre Management (3)

496 Directed Study (1-9)

Up to three other THEA or DANC courses not listed above as approved by PDA or chairperson. Exception: THEA 318 may be taken up to four times total, but each must be on a different topic. Students are expected to take THEA 220 to meet the prerequisite

for THEA 320.	14
	<hr/>
	58 hrs

The theatrical studies concentration is recommended for students wanting a broad-based, liberal-arts education in theatre. Some students may also pursue graduate study at the MA and PhD level. Students must earn and keep a 3.0 or better grade-point average for all courses required on the major after earning 36 credit hours or they will be placed on academic probation for one semester. If a student has two consecutive semesters on academic probation, they will be dismissed from the theatrical studies concentration. Students must also submit a Theatrical Studies Writing Portfolio in the fall of their sophomore, junior, and senior years. Failure to submit a portfolio will result in the student being placed on concentration probation. Failure to submit two portfolios in a row will result in removal from the concentration. Students may audition or submit portfolio reviews for other concentrations within the department.

**MAJOR IN THEATRE (BFA), 85 hours**

PREFIX	NO	SHORT TITLE	CR HRS
Core requirements, 32 hours			
THEA	102	Computers in Theatre and Dance	3
	103	Aesthetics of Theatre 1	3
	104	Aesthetics of Theatre 2	3
	105	Freshman Experience	0
	107	Design Awareness	3
	220	Stagecraft	3
	232	Acting 1	3
	250	Directing 1	3
	280	Practicum (0-1)	2
	317	Pre-Modern Theatre History	3
	319	Modern Theatre History	3
	405	Senior Experience	0
	435	Shakespeare Performance	3
			<hr/>
			32 hrs

Complete one professional specialization

*Acting concentration, 53 hours*

Required courses

THEA	229	Stage Makeup	2
	233	Acting 2	3
	332	Freshman Performance Lab	1
	333	Intro to Voice and Movement	2
	334	Studio 1	3
	335	Studio 2	3
	336	Studio 3	3
	337	Studio 4	3
	338	Studio 5	3
	339	Studio 6	3
	353	Acting and Directing History	3
	430	Studio 7	3
	431	Studio 8	3
	432	Studio 9	3
	433	Studio 10	3

Electives, 12 hours from

THEA	434	Immersion Experience (1-12)	
	496	Directed Study (1-9)	
	499	Internships (0-9)	12
			<hr/>
			85 hrs

The Acting BFA concentration is designed as a pre-professional, conservatory style program within a liberal arts education. Curriculum and performance opportunities are designed to prepare students for careers in theatre and/or advanced training at quality graduate schools or conservatories. Acting students are selected for this degree program by audition. In addition, acting students must have yearly interviews and pass yearly juried auditions every semester. Students failing to pass a jury at the end of each semester are considered to be on probationary status; any student failing a jury or not maintaining the appropriate degree program grade-point average for a second semester will be dropped from the program.

*Musical theatre concentration, 53 hours*

Required courses

DANC	110	Intro to Ballet 1	1
	111	Intro to Ballet 2	1
	131	Intro to Jazz 2	1
	132	Intro to Tap 1	1
	230	Jazz 1	2
	232	Tap 1	1
	280	Musical Theatre Dance 1	2
	281	Musical Theatre Dance 2	2
THEA	229	Stage Makeup	2
	233	Acting 2	3
	270	Basic Musicianship 1	2
	271	Basic Musicianship 2	2
	272	Sight Singing 1	1
	273	Sight Singing 2	1
	274	Musical Theatre Ensemble	1
	324	Musical Theatre History	3
	328	Voice Lesson (1-2)	8
	332	Freshman Performance Lab	1
	334	Studio 1	3
	335	Studio 2	3
	371	Singing Actor 1	2
	372	Singing Actor 2	2
	430	Studio 7	3
	433	Studio 10	3

Electives, 2 hours from

THEA	434	Immersion Experience (1-12)	
	499	Internships (0-9)	2
			<hr/>
			85 hrs

Students are expected to take or place out of THEA 232, 333.

The Musical Theatre BFA concentration is designed as a pre-professional, conservatory style program within a liberal arts education. This interdisciplinary concentration requires course work in dance, music, and theatre. Curriculum and performance opportunities are designed to prepare students for careers in musical theatre and/or advanced training at quality graduate schools or conservatories. Musical theatre students



are selected for this degree program by audition. In addition, musical theatre students must pass juried semester auditions in acting, dance, and singing. All seniors will be expected to enroll in an immersive learning experience as well as audition for showcases. Those seniors not participating in the Chicago, Los Angeles, and/or New York showcases will be required to perform a half hour recital or cabaret. Students failing to pass a jury at the end of each semester are considered to be on probationary status; any student failing a jury or not maintaining the appropriate degree program grade-point average for a second semester will be dropped from the program.

## **DANCE (DANC)**

### **New:**

**401 Advanced Topics in Dance Studies (3)** Engage students in current trends and issues within the field of dance studies. Informed by race studies, gender studies, disability studies, economics, and politics as students explore the intersections of these topics with global contemporary dance. A space for praxis, as students write and move in response to readings, discussions, and film viewings. Additionally will delve into the writing of dance, repositioning and rehearsing writing as a means of choreographing ideas.

*Prerequisite:* permission of the department chairperson.  
*Open only to theatre and dance majors.*

## **THEATRE (THEA)**

### **New:**

**106 Styles and Concept (3)** Will increase students' understanding of theatrical styles and broad artistic concepts. Students will study design principles, demonstrate critical thinking, and creatively integrate their learning in the worlds of theatre and dance, gaining experience through manipulation of design elements as well as application of principles in individual and group presentations.

*Prerequisite:* permission of the department chairperson.

*Open only to students in the design/technology concentration, directing/stage concentration, or the teaching major in theatre.*

**234 Introduction to the Singing Actor (3)** Designed for beginning musical theatre students and those not already assigned to the musical theatre concentration. Students will gain a basic knowledge of musical concepts, voice development, performance skills, audition techniques, and musical theatre repertoire.

**324 Musical Theatre History (3)** Study of musical theatre history from its origins through the 21st century, with emphasis on groundbreaking productions and performances, significant individuals within the field, popular trends, and inherent characteristics of the genre.

*Prerequisite:* permission of the instructor.

**325 Dramaturgy (3)** Dramaturgy introduces students to the various areas of production and new play dramaturgy, using extensive analysis, research, and writing to create a greater understanding of the process of dramaturgy.

*Prerequisite:* THEA 103, 104, permission of the instructor.

**329 Costume History (3)** Exploration of the historical evolution of western dress from ancient times to the early 20th century, including costume terminology, period fashion, and a development of individual student design abilities.

*Prerequisite:* permission of the instructor.

**352 Directing Styles (3)** Revolving special topics course with a semester-long focus in the historical, theoretical, and practical understanding of a given directing style. Possible topics include musical theatre, high comedy, classical, and avant-garde.

*Prerequisite:* THE 250, permission of the instructor.

A total of 6 hours of credit may be earned, but no more than 3 in any one semester or term.

**353 Acting and Directing History (3)** History of the major developments in the art of acting and directing from Ancient Greece to present day, including specific movements, theories, practitioners and productions, and the cultural context in which they arose.

*Prerequisite:* THEA 317, permission of the instructor.

**354 Directing for Young Audiences (3)** Study and practice in the art of directing theatrical productions geared towards young audiences.

*Prerequisite:* THEA 250, permission of the instructor.

**391 Advanced Stage Management (3)** Advanced study of all areas of the practice of stage management.

*Prerequisite:* THEA 291.

### **Revised:**

**123 Color Studies in Theatrical Design (2)** A fundamental practical course to explore and apply basic color principles and elements in theatrical applications. Sessions are in a laboratory format. Students are trained in application of various elements of color to develop their visual skills. This course enables the student to prepare for upper level design/tech courses.

*Prerequisite:* permission of the department chairperson.

*Open only to theatre majors and minors.*

**225 Theatrical Drafting (2)** Design studio emphasizing the basic principles and practices of technical theatre hand- and computer-aided drafting techniques. An introduction to two- and three-dimensional theatrical environments of scenic and light designs.

*Prerequisite:* permission of the instructor.

*Open only to theatre and dance majors.*

**321 Rendering for the Theatre (2)** Hands-on individual instruction in the processes and techniques of using selected

media for the rendering of scenic and costume designs for the theatre.

*Prerequisite:* THEA 223.

**328 Voice Lesson (1-2)** One private half-hour lesson, and 2-hour master class weekly (1 credit) or 60 minutes of lessons and a 4-hour master class weekly (2 credits). Students study musical theatre, Italian and English art song repertoire. Freshmen study contemporary musicals; sophomores study musicals of the 1960s-1980s; juniors/seniors study musical theatre repertoire from the early 1900s-1960s.

*Prerequisite:* studio assignments given by the musical theatre concentration coordinator.

A total of 8 hours of credit may be earned, but no more than 2 in any one semester or term.

*Open only to musical theatre concentration students.*

## COLLEGE OF SCIENCES AND HUMANITIES

### Department of Biology

#### Revised:

#### MAJOR IN BIOLOGY (BA/BS), 65-74 hours

Common core, 47-48

#### Adding:

MATH	108	Intermediate Algebra	3	
<i>Concentration 2: Wildlife biology and conservation, 25-26 hours</i>				
BIO	448	Biometry	3	
BOT	380	Forestry	3	
	440	Taxonomy of Vascular Plants	4	
	470	Dendrology (3)		
		or		
	481	Aquatic Botany (4)	3-4	
GEOG	265	Intro Geographic Info Systems	3	
ZOOL	440	Ornithology	3	
	446	Mammalogy	3	
	483	Wildlife Biology	3	
				72-74 hrs

#### *Concentration 5: Genetics, 21 hours*

Genetics concentration students must earn a minimum grade of C (2.0) in BIO 214 (Genetics) in order to progress into the concentration specific classes.

BIO	448	Biometry	3	
	452	Advanced Genetics	3	
	453	Human Genetic Problem Humanity	3	
	454	Genomes: Genomics Proteomics	3	
	457	Molecular Biology	4	
5 hours from 200-400 level BIO, BIOT, BOT, or ZOOL				5
				68-69 hrs

### MINOR IN BIOLOGY, 19-20 hours

<i>PREFIX</i>	<i>NO</i>	<i>SHORT TITLE</i>	<i>CR HRS</i>
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Students planning to minor in biology should choose 200-level courses which fulfill prerequisites for 300- and 400-level courses in the minor. The 300- and 400-level courses should be chosen from the concentrations listed for biology majors. BIO 369, 394, and 498 do not count in the minor. Minors may choose only one area of emphasis.

Choose one group

BIO	111	Principles of Biology 1 (4)	
	112	Principles of Biology 2 (4)	
		or	
	111	Principles of Biology 1 (4)	
	113	Microbiology of Health Sci (5)	

8-9 hrs

Choose one area of emphasis

Cellular/molecular biology emphasis, 11 hours

Directed electives

BIO	214	Genetics	4
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7 hours from

BIO	215	Cell Biology (4)	
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300- or 400-level courses in BIO, BIOT, BOT, or ZOOL (3-4)

7

11 hrs

Environmental science emphasis, 11 hours

Directed electives

BIO	210	Introduction to Botany	3
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8 hours from

BIO	216	Ecology (3)	
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300- or 400-level courses in BIO, BIOT, BOT, or ZOOL (3-5)

8

11 hrs

19-20 hrs

### Department of Computer Science

#### Revised:

#### MAJOR IN COMPUTER SCIENCE (BA/BS), 66-72 hours

<i>PREFIX</i>	<i>NO</i>	<i>SHORT TITLE</i>	<i>CR HRS</i>
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CS	120	Computer Science 1	4
	121	Computer Science 2	4
	222	Advanced Programming	3
	224	Des and Analy of Algorithms	3

230	Computer Org and Arch	3
239	Social and Professional Issues	1
327	Dist Proc and Networks	3
335	Programming Languages	3
346	Database Design	3
376	Operating Systems	3
380	Theory of Computation 1	3
495	Software Engineering 1	3
498	Software Engineering 2	3

12-16 hours from

CS	124	Discrete Structures (3)	
		or	
MATH	215	Discrete Systems (4)	3-4
MATH	161	Applied Calculus 1 (3)	
		or	
	165	Calculus 1 (4)	3-4
MATH	162	Applied Calculus 2 (3)	
		or	
	166	Calculus 2 (4)	3-4
MATH	221	Probability and Statistics (3)	
		or	
	321	Mathematical Statistics (4)	
		or	
ECON	221	Business Statistics (3)	3-4
			<hr/>
			12-16 hrs

3-5 hours from

BIO	111	Principles of Biology 1 (4)	
		or	
CHEM	111	General Chemistry 1 (4)	
		or	
GEOL	201	Earth, Life, and Time (3)	
		or	
PHYC	120	General Physics 1 (5)	3-5

Electives, 12 hours from

CS	310	Web Programming (3)	
	315	Game Programming (3)	
	320	Mobile Software Dev (3)	
	321	Data Analytics (3)	
	339	Advanced Topics Seminar (3-6)	
	345	Human-Computer Interfaces (3)	
	369	Professional Experience 1 (1-3)	
	397	Multitier Web Architectures (3)	
	430	Systems Programming (3)	
	438	Computer Graphics (3)	
	446	System Administration (3)	
	447	Network Security (3)	
	455	Data Mining (3)	
	456	Image Processing (3)	
	457	Applied Cryptography (3)	
	499	Independent Study (1-6)	
MATH	415	Coding and Communication (3)	12
			<hr/>
			66-72 hrs

## COMPUTER SCIENCE (CS)

### Dropped:

#### 347 Network Security (3)

### Revised:

**104 Introduction to Computers (3)** Introduction to the microcomputer as a word processing, spreadsheet, database, and communications tool. Intended for those in other disciplines. Hardware and software trends, opportunities, and responsibilities in computing are discussed. Lecture and laboratory. Core Transfer Library: Physical Sciences (IPS 1740)

*Not open to students who have credit in ISOM 125.*

*Open only to BGS students, speech pathology majors, or radiography associate degree.*

**447 (347) Network Security (3)** Topics include encryption, decryption, protocols, viruses, network security, authentication, legal and ethical issues, and security in operating systems, databases, e-commerce, Internet, wireless. Algorithms, protocols and applications such as RSA, DES, SSL, Firewalls, Digital Signatures, VPNs and emerging topics will be explored.

*Prerequisite:* CS 327 and 376, both with C- or better grades.

## Department of English

### ENGLISH (ENG)

#### New:

**214 Introduction to Literature and Gender (3)** Study of gender and sexuality as represented and constructed in works of literature. Texts may include literary, critical, and theoretical writings and works in other media. Course material and expectations are appropriate for students who are not majors or minors in English. Credit does not apply to English majors.

**215 Introduction to African-American Literature (3)** Introduction to the African-American literary tradition in the United States. Course material and expectations are appropriate for students who are not majors or minors in English. Credit does not apply to English majors.

**216 Introduction to American Ethnic Literature (3)** Introduction to the literary, oral, cultural, and historical traditions of one or more specific American ethnic groups. Course material and expectations are appropriate for students who are not majors or minors in English. Credit does not apply to English majors.

**217 Introduction to Queer Literature and Queer Theory (3)** Introduction to queer literature and queer readings of texts

as well as exploration and discussion of queer theory. Course material and expectations are appropriate for students who are not majors or minors in English. Credit does not apply to English majors.

## Department of Geological Sciences

### GEOLOGY (GEOL)

#### New:

**204 Natural Landscape Expertise for Storytellers, Artists, and World-Builders (3)** Provides storytellers, game masters, artists and designers with a rich scientific knowledge base on natural landscapes, emphasizing material most likely to be useful in creative applications. Topics include realistic landscape characteristics, diverse and unusual landforms in regional context, active landscape-sculpting processes, and striking natural alterations of landscape over time.

**650 Seminar in Advanced Hydrology (3)** Covers advanced concepts in hydrology. Focal topics will include moisture transport in atmospheric circulation, water budget calculations, surface-water and groundwater interaction, fluid dynamics of open channel flow, and chemical/isotopic tracers for reservoir fractionation.

*Prerequisite:* GEOL 350 or 550 or permission of the department chairperson.

## Department of Mathematical Sciences

### MATHEMATICAL SCIENCES (MATH)

**Correction** (per Department of Mathematical Sciences):

**415 Mathematics of Coding and Communication (3)**

**Remove:** *Parallel:* EDSE 460, 465.

#### Revised:

**496 Capstone Course for Mathematics Teaching Majors**

**(3)** Accompanies the student teaching experience of mathematics teaching majors.

*Prerequisite:* C or better in MATH 395, or permission of the department chairperson.

*Parallel:* EDSE 460, 465.

## Department of Modern Languages and Classics

#### Revised:

**MAJOR IN SPANISH (BA/BS), 44 hours**

<i>PREFIX</i>	<i>NO</i>	<i>SHORT TITLE</i>	<i>CR HRS</i>
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#### *Language, linguistics, and culture studies concentration*

SP	101	Beginning Spanish 1	4
	102	Beginning Spanish 2	4
	201	Intermediate Spanish 1	3
	202	Intermediate Spanish 2	3
	301	Conversation and Composition	3
	302	Composition and Grammar	3
	335	Topics in Hispanic Cultures (3-6)	3
	337	SP Phonetics and SLA	3
	340	Survey in Spanish Linguistics	3
	404	Seminar in Lang and Ling (3-9)	3

12 hours from 300- and 400-level SP courses 12

44 hrs

SP 305 may substitute for SP 301; SP 306 may substitute for SP 302.

#### *Cultural and literary studies concentration*

SP	101	Beginning Spanish 1	4
	102	Beginning Spanish 2	4
	201	Intermediate Spanish 1	3
	202	Intermediate Spanish 2	3
	301	Conversation and Composition	3
	302	Composition and Grammar	3
	335	Topics in Hispanic Cultures (3-6)	3
	361	Survey of Spanish Literature	3
	362	Survey of Spanish-American Lit	3
	403	Seminar in Culture Lit Studies (3-9)	3

12 hours from 300- and 400-level SP courses 12

44 hrs

SP 305 may substitute for SP 301; SP 306 may substitute for SP 302.

A minimum grade of C is required on all courses on the Spanish major.

#### **MINOR IN SPANISH, 23 hours**

<i>PREFIX</i>	<i>NO</i>	<i>SHORT TITLE</i>	<i>CR HRS</i>
---------------	-----------	--------------------	---------------

SP	101	Beginning Spanish 1	4
	102	Beginning Spanish 2	4
	201	Intermediate Spanish 1	3
	202	Intermediate Spanish 2	3
	301	Conversation and Composition	3
	302	Composition and Grammar	3

3 hours from 300- and 400-level SP courses 3

23 hrs

SP 305 may substitute for SP 301; SP 306 may substitute for SP 302.

A minimum grade of C is required on all courses on the Spanish minor.

**TEACHING MAJOR IN FOREIGN LANGUAGE:  
SPANISH (BA/BS), 84 hours**

<i>PREFIX</i>	<i>NO</i>	<i>SHORT TITLE</i>	<i>CR HRS</i>
SP	101	Beginning Spanish 1	4
	102	Beginning Spanish 2	4
	201	Intermediate Spanish 1	3
	202	Intermediate Spanish 2	3
	301	Conversation and Composition	3
	302	Composition and Grammar	3
	335	Topics in Hispanic Cultures (3-6)	3
	337	SP Phonetics and SLA	3
	340	Survey in Spanish Linguistics	3
	361	Survey of Spanish Literature	3
	362	Survey of Spanish-American Lit	3
	403	Seminar in Culture Lit Studies (3-9)	3
	or		
	404	Seminar in Lang and Ling (3-9)	3

6 hours from 300- and 400-level SP courses 6  
44 hrs

SP 305 may substitute for SP 301; SP 306 may substitute for SP 302.

A minimum grade of C is required on all courses on the Spanish teaching major.

**SENIOR HIGH, JUNIOR HIGH/MIDDLE SCHOOL  
EDUCATION PROGRAM**

<i>PREFIX</i>	<i>NO</i>	<i>SHORT TITLE</i>	<i>CR HRS</i>
<i>Professional education sequence, 40 hours</i>			
EDFO	420	Soc, Hist, Phil Found of Ed	3
EDJH	385	Prin of Tchng in Mid Schl	3
EDMU	205	Intro to Multicul Ed	3
EDPS	251	Development Secondary	3
	390	Educational Psychology	3
EDSE	380	Princ of Tchng in Sec School	3
FL	150	Intro to FL Education	3
	295	FL Field Experience	1
	395	WL Methods, Reading, Materials	3
	396	Tech and Assessment in FLE	3
Student teaching			12
			40 hrs

See Professional Education Assessment/Decision Points, p. 382, for additional information.

**Department of Natural Resources and  
Environmental Management**

**Revised:**

**MAJOR IN NATURAL RESOURCES AND  
ENVIRONMENTAL MANAGEMENT (BA/BS),  
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) (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
	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)	
	442	Air Quality Management (3)	
	488	Site Assessment Remediation (3)	

Emergency response

EMHS	350	Haz Mat Health and Safety (3)	
	351	Intro Emergency Management (3)	
	352	Science WMDs Technol Hazards (3)	
	353	Arson Investigation (3)	
	355	International Domestic Terror (3)	
	389	Emergency Response WMDs (3)	
	469	Professional Practice (1-6)	
	493	Special Topics (1-6)	

Soil and water conservation

NREM	304	Sustainable Agriculture (3)	
	320	Wetland Characterization (3)	

324	Soil Classification Interpret (3)		415	Water Quality Management (3)	
357	Internat Community Development (3)		422	Soil Quality (3)	
372	Applied Research Methods (3)		427	Soil Conservation and Mgmt (3)	24
385	Wastewater Management (3)				<hr/>
415	Water Quality Management (3)				60 hrs
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.

- EMHS 299X Experimental Develop Topics (1-3)
  - 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)	
		or	
	220	Ecological Issues 21 <sup>st</sup> Century (3)	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)
	401	Forest Plan (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)

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.

**MINOR IN EMERGENCY MANAGEMENT AND HOMELAND SECURITY, 24 hours**

PREFIX	NO	SHORT TITLE	CR HRS
CS	110	Intro Comp Sci and Web Prog	3
	203	Intro to Computer Security	3
EMHS	351	Intro Emergency Management	3
	352	Science WMDs Technol Hazards	3

Electives, 12 hours from

At least 3 hours from each of the following groups:

*Group 1: Hazards*

EMHS	350	Haz Mat Health and Safety (3)
	353	Arson Investigation (3)
	355	International Domestic Terror (3)
	493	Special Topics (1-6)
GEOG	334	Atmospheric Hazards (3)
GEOL	416	Geology Hazards Environment (3)

*Group 2: Planning and policy*

GEOG	265	Intro Geographic Info Systems (3)
JOUR	261	Principles of Public Relations (3)
PLAN	439	Community Facilities Planning (3)
POLS	345	National Defense Policy (3)
	494	Politics of Terrorism (3)
RMI	270	Principles of Risk Mgt and Ins (3)

*Group 3: Applied emergency-related courses*

EMHS	389	Emergency Response WMDs (3)
	469	Professional Practice (1-6)
GEOG	450	Mesoscale Meteorology (3)
HSC	250	Emergency Health Care (3)

Other relevant courses may substitute.

See program director regarding approval. 12

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24 hrs

EMHS 299X (1-3) Experimental Develop Topics may be substituted for any course with the program director approval.

This minor is not available to students in the natural resources and environmental management major with EMHS cluster.

## Department of Philosophy and Religious Studies

### PHILOSOPHY (PHIL)

#### New:

**240 Society, Discipline, and Control (3)** A critical examination of the role of institutional control in contemporary society. Involves philosophical discussion of the impact of institutions such as schools, hospitals, public housing, prisons, and the media on individuals and groups. Also examines the relationships between discipline and control and race, class, gender, and sexuality.

## Department of Physiology and Health Science

#### Revised:

### ASSOCIATE IN SCIENCE—RADIOGRAPHY (AS), 64 hours

PREFIX	NO	SHORT TITLE	CR HRS
General education, 28 hours			
ANAT	201	Fundamentals of Human Anatomy	3
CHEM	100	People and Chemistry	3
COMM	210	Fundamentals of Public Comm	3
CS	104	Introduction to Computers	3
ENG	103	Rhetoric and Writing	3
MATH	125	Mathematics Applications	3
PHYC	100	Conceptual Physics	3
PHYS	205	Fund of Hum Phys	3
PSYS	100	Intro to Psychological Science	3
PFW			1
			28 hrs
Professional concentration area, 36 hours			
AHSC	201	Introduction to Patient Care	2
	224	Radiographic Procedures 1	3
	225	Radiographic Procedures 2	4
	226	Radiographic Procedures 3	2
	227	Computed Tomography	1
	228	Radiographic Principles 1	2
	229	Radiographic Principles 2	3
	230	Radiographic Principles 3	3
	231	Clinic 1 Radiography	2
	232	Clinic 2 Radiography	5
	233	Clinic 3 Radiography	5
	234	Clinic 4 Radiography	4
			36 hrs
			64 hrs

Students qualifying for exemption from ENG 103 will receive credit for the course. ENG 101 and 102 may be substituted for ENG 103.

### ALLIED HEALTH SCIENCE (AHSC)

#### New:

**227 Computed Tomography (1)** A study of computed tomography utilized in medical imaging including patient care and safety, imaging procedures, physics and instrumentation and sectional anatomy.

*Prerequisite:* AHSC 225 and 229 and 232.

*Parallel:* AHSC 226 and 230 and 233.

*Open only to radiography students.*

#### Revised:

### 201 Introduction to Medical Imaging and Patient Care (2)

Introduction to the profession of medical imaging and patient care including basic concepts of the medical imaging profession, critical thinking and problem solving, introduction to the clinical environment, human diversity, patient care, and ethical and legal issues.

*Prerequisite:* admission to the professional concentration phase of the radiography program.

*Parallel:* AHSC 224 and 228 and 231.

*Open only to radiography students.*

**224 Radiographic Procedures 1 (3)** A comprehensive study of radiographic procedures including anatomy, physiology, medical terminology, patient care and positioning, radiation safety, image production, and image critique.

*Prerequisite:* admission to the professional concentration phase of the radiography program.

*Parallel:* AHSC 201 and 228 and 231.

*Open only to radiography students.*

### 225 Radiographic Procedures 2 (4)

Continuation of AHSC 224, including a comprehensive study of radiographic procedures including anatomy, physiology, medical terminology, patient care and positioning, radiation safety, image production and image critique.

*Prerequisite:* AHSC 201 and 224 and 228 and 231.

*Parallel:* AHSC 229 and 232.

*Open only to radiography students.*

### 226 Radiographic Procedures 3 (2)

Continuation of AHSC 225, including a comprehensive study of radiographic procedures including anatomy, physiology, medical terminology, patient care and positioning, radiation safety, image production, image critique, and other imaging procedures and emerging technologies in the medical imaging and radiation therapy profession.

*Prerequisite:* AHSC 225 and 229 and 232.

*Parallel:* AHSC 227 and 230 and 233.

*Open only to radiography students.*

**228 Radiographic Principles 1 (2)** Introduction to radiographic principles including an overview of radiation

physics, properties of radiation, biological effects, production and interaction, and radiation biology and protection.

*Prerequisite:* admission to the professional concentration phase of the radiography program.

*Parallel:* AHSC 201 and 224 and 231.

*Open only to* radiography students.

**229 Radiographic Principles 2 (3)** Continuation of AHSC 228 including the study of radiographic image production, technical factors, photographic and geometric effects, and radiation protection.

*Prerequisite:* AHSC 201 and 224 and 228 and 231.

*Parallel:* AHSC 225 and 232.

*Open only to* radiography students.

**230 Radiographic Principles 3 (3)** Continuation of AHSC 229 including image production, quality control, radiation protection, and radiographic pathology.

*Prerequisite:* AHSC 225 and 229 and 232.

*Parallel:* AHSC 226 and 227 and 233.

*Open only to* radiography students.

**231 Clinic 1 Radiography (2)** Directed learning experiences in radiographic clinical procedures through a rotational system at affiliated clinical education sites.

*Prerequisite:* admission to the professional concentration phase of the radiography program.

*Parallel:* AHSC 201 and 224 and 228.

*Open only to* radiography students.

**232 Clinic 2 Radiography (5)** Directed learning experiences in radiographic clinical procedures through a rotational system at affiliated clinical education sites.

*Prerequisite:* AHSC 201 and 224 and 228 and 231.

*Parallel:* AHSC 225 and 229.

*Open only to* radiography students.

**233 Clinic 3 Radiography (5)** Directed learning experiences in radiographic clinical procedures through a rotational system at affiliated clinical education sites.

*Prerequisite:* AHSC 225 and 229 and 232.

*Parallel:* AHSC 226 and 227 and 230.

*Open only to* radiography students.

**234 Clinic 4 Radiography (4)** Directed learning experiences in radiographic clinical procedures through a rotational system at affiliated clinical education sites.

*Prerequisite:* AHSC 226 and 227 and 230 and 233.

*Open only to* radiography students.

**298 Special Studies in Medical Imaging (1-3)** Designed to give current radiography students an opportunity to individually research a topic in the medical imaging and radiation therapy profession. May include experimental work and development of research techniques.

*Prerequisite:* admission to the professional concentration phase of the radiography program and permission of the radiography program director.

A total of 3 hours of credit may be earned.

*Open only to* radiography students.

## HEALTH SCIENCE (HSC)

**Correction** (per Department of Physiology and Health Science):

**300 Health Promotion Programming (5)**

Reinstate HSC 300. Department dropped in error.

**301 Program Planning in Health Promotion 1 (3)**

Submitted incorrectly as a revised course. HSC 301 is a new course.

## Department of Psychological Science

### PSYCHOLOGICAL SCIENCE (PSYS)

**New:**

**396 Seminar for Teaching Assistants (1)** This seminar is designed for students who are serving as first-time teaching assistants for psychological science courses. The seminar will help them integrate their teaching assistantship duties with the pedagogy of the teaching of psychology, including ethical issues and working with a diverse student body.

*Prerequisite:* PSYS 100 and permission of the instructor.

**Revised:**

**478 Teaching Assistantship (1-3)** Under the supervision of the instructor of a course, students will carry out course-related duties assigned by the instructor. Students taking this course for the first time must have completed PSYS 396 or be currently enrolled in that course. Offered credit/no credit only.

*Prerequisite:* PSYS 100; a grade of at least B+ in the course in which the student is assisting; permission of the instructor.

*Prerequisite or parallel:* PSYS 396.

A total of 6 hours of credit may be earned, but no more than 3 in any one semester or term.

No more than 3 hours of credit may be used to meet the requirements of the psychological science major.

*Open only to* sophomores, juniors, and seniors.

## Department of Social Work

**Revised:**

**MAJOR IN SOCIAL WORK (BSW), 69 hours**

**Admission and Retention Requirements**

**Formal Admission to the Social Work Major**

1. While a student can declare social work as their major at any time, to complete the BSW degree a student must be formally admitted to the major through a selective process following the procedures listed below and meeting the requirements for admission. Admission procedures and



requirements include:

- completing an approved volunteer assignment of a minimum of twenty-five clock hours (course requirement in SOCW 200) and submitting a performance evaluation to the department;
- obtaining a faculty reference from a SOCW 200 or 250 faculty instructor;
- having earned a minimum grade-point average of 2.5 on a 4.0 scale, in 100- and 200-level required social work courses for the major and in non-social work required courses;
- submitting a completed admission application to the department;
- completing an interview with the Coordinator of Student Services and receiving from this coordinator a positive recommendation for admission to the major;
- declaring any criminal convictions.

2. Upon admission into the social work major, the Coordinator of Student Services assists students in developing a plan of study for completion of the major. The assigned faculty advisor monitors the student's progress academically and professionally.
3. Students denied admission to or continuation in the major may appeal the decision within fourteen calendar days. Appeals are made by informing the department chairperson in writing that the decision to deny admission or continuation in the major is being appealed by specifying the basis of the appeal. The department chairperson will convene the social work faculty within fourteen calendar days of notification of the appeal to review all information obtained for the admissions interviews, faculty advising conferences, and academic records. The BSW Student of Concern Committee will meet with the student within fourteen calendar days. The BSW Student of Concern Committee has the authority to admit or retain the student in the major. Students denied formal admission to or retention in the major will be advised of alternative options.

**Retention in the Social Work Major**

To enroll in the senior-level required social work courses (SOCW 410, 430, 440, 460, and 462) students must have:

- earned and maintained a cumulative minimum grade-point average of 2.5 in required social work courses and required nonsocial work courses;
- earned a grade of C or better in SOCW 325;
- successfully completed MATH 125 or equivalent prior to enrolling in SOCW 440.

To enroll in social work practicum courses (SOCW 460 and 462) students must have:

- submitted a practicum application and resume to the Practicum Coordinator;
- earned a minimum grade-point average of 2.5 in all required courses for the social work major;
- earned grades of C or better in SOCW 410, 430, 440;
- to successfully complete the BSW degree program,

students must have earned a grade of C or better in SOCW 460 and 462.

**Minimum number of required courses for the major at Ball State University**

- Transfer students from other accredited BSW programs must take a minimum of 18 semester hours within the department including SOCW 410, 460, and 462 (18 hours) in order to complete the BSW degree at Ball State.
- Transfer students who have not taken a separate group practice course will also be required to take SOCW 310.
- Transfer students must meet the department's grade-point average requirements for the major and for the 400-level courses.

PREFIX	NO	SHORT TITLE	CR HRS
SOCW	100	Introduction to Social Work	3
	200	Social Work Practice 1	3
	220	Social Welfare Policy 1	3
	250	Human Behav and Social Envr 1	3
	310	Social Work Practice 2	3
	320	Social Welfare Policy 2	3
	325	Human Behav and Social Envr 2	3
	340	Research in Social Work 1	3
	410	Social Work Practice 3	3
	430	Social Work Practice 4	3
	440	Research in Social Work 2	3
	460	Social Work Practicum	12
	462	Social Work Practicum Seminar	3
	PSYS	100	Intro to Psychological Science
367		Introduction to Neuroscience (3)	
BIO	254	Biology in the Social Context (3)	3
SOC	100	Principles of Sociology (3)	
	242	Social Problems (3)	3
ANTH	311	Ethnicity and Race (3)	
COMM	290	Intercultural Communication (3)	
	or		
EDMU	205	Intro to Multicul Ed (3)	
SOC	421	Racial and Cultural Minor US (3)	3
	ANTH	341	Anthropology of Gender (3)
PSYS	324	Psychology of Women (3)	
	or		
SOC	235	Sociology of Gender (3)	
WGS	210	Intro Womens and Gender Stud (3)	3
	SOCW	370	Sel Aspects of Social Wk Pract (3-6)
	or		
		Approved 300- or 400-level university course(s) in a related discipline. A total of 6 hours required of the major.	6

## MINOR IN SOCIAL WORK, 18 hours

PREFIX	NO	SHORT TITLE	CR HRS
SOCW	100	Introduction to Social Work	3
	200	Social Work Practice 1	3
	220	Social Welfare Policy 1	3
	250	Human Behav and Social Envr 1	3
	325	Human Behav and Social Envr 2	3
3 hours from elective (approved 300- or 400-level university course)			3
			<hr/>
			18 hrs

## SOCIAL WORK (SOCW)

### Dropped:

**230 Human Behavior and the Social Environment 1 (3)**

**300 Social Work Practice 2 with Field Experience (3)**

**330 Human Behavior and the Social Environment 2 (3)**

**400 Social Work Practice 3 (3)**

### Revised:

**250 (330) Human Behavior and the Social Environment 1**

**(3)** Focuses on human growth and development from the prenatal period through later adulthood. Biological, psychological, and social aspects of human behavior are discussed. The complex interaction between human development and various social, cultural, spiritual, familial, organizational, and community factors are highlighted. Emphasizes applying concepts and theories to assessment.

*Prerequisite:* SOCW 100 or permission of the department chairperson.

*Open only to* social work majors and minors, and women and gender studies majors and minors.

**310 (400) Social Work Practice 2 (3)** Introduces methods, knowledge, professional values, and competencies used in entry-level social work practice with groups. Concurrent field experience required.

*Prerequisite:* PSYS 100; SOCW 200 and 220 and 250; or permission of the department chairperson.

*Open only to* social work majors.

**320 Social Welfare Policy and Programs 2 (3)** Emphasizes policy formation and program development, implementation and evaluation used by entry-level social work practitioners.

*Prerequisite:* SOCW 200 and 220 and 250; or permission of the department chairperson.

*Open only to* social work majors.

**325 (230) Human Behavior and the Social Environment 2 (3)** Builds a foundational understanding of people and their

social environments focusing primarily on factors that influence human behavior such as culture, class, race, ethnicity, sexual orientation, gender identity, gender, discrimination, economic forces, organizations, and communities. Covers theories and knowledge about the ways social systems promote or deter people in maintaining or achieving health and well-being.

*Prerequisite:* SOCW 200 and 220 and 250; PSYS 100.

*Prerequisite or parallel:* PSYS 367 or BIO 254; or permission of the department chairperson (PSYS 367 or BIO 254) waived for minors, family and consumer science - family and child: family studies concentration students, and women and gender studies majors and minors).

*Open only to* social work majors and minors, family and consumer science - family and child: family studies concentration students, and women and gender studies majors and minors.

**340 Research in Social Work 1 (3)** Introduces qualitative and quantitative research methods, knowledge, and skills used by a Bachelor of Social Work degreed practitioner to evaluate practice effectiveness. Focuses upon the importance of research ethics in protecting human subjects.

*Prerequisite:* SOCW 200 and 250; or permission of the department chairperson.

*Open only to* social work majors.

**370 Selected Aspects of Social Work Practice (3-6)**

Explores social work practice with selected populations and within specific fields of practice.

*Prerequisite:* SOCW 100 and 200 and 220 and 250; or permission of the department chairperson.

A total of 12 hours of credit may be earned, but no more than 6 in any one semester or term.

*Open only to* social work majors.

**410 Social Work Practice 3 (3)** Introduces methods, knowledge, professional values, and competencies for entry-level practice with individuals and families. Focuses on practice methods of assessment, intervention planning and implementation, and evaluation. Concurrent field experience required.

*Prerequisite:* SOCW 310 and 320 and 325 and 340; or permission of the department chairperson.

*Prerequisite recommended:* ANTH 311 or COMM 290 or EDMU 205 or SOC 421; ANTH 341 or PSYS 324 or SOC 235 or WGS 210.

*Open only to* social work majors.

**430 (300) Social Work Practice 4 with Field Experience (3)**

Introduces entry-level practice methods with organizations and communities. Practice methods of engagement, assessment, intervention planning and implementation, and evaluation. Concurrent field experience required.

*Prerequisite:* SOCW 310 and 320 and 325 and 340; or permission of the department chairperson.

*Prerequisite recommended:* ANTH 311 or COMM 290 or EDMU 205 or SOC 421; ANTH 341 or PSYS 324 or SOC 235 or WGS 210.

*Open only to* social work majors.

**440 Research in Social Work 2 (3)** Focuses upon statistical measurement and data analysis used by a Bachelor of Social Work degreed practitioner to evaluate practice and program effectiveness. Introduces basic concepts of descriptive and inferential statistics, data entry, and analysis using SPSS.

*Prerequisite:* SOCW 340; or permission of the department chairperson.

*Open only to social work majors.*

**460 Social Work Practicum (12)** Full-time practicum in an approved field instruction site that provides structured learning opportunities to demonstrate baccalaureate-level social work foundation knowledge, professional standards, and practice competencies required of an entry-level generalist social worker.

*Prerequisite:* SOCW 410 and 430 and 440; ANTH 311 or COMM 290 or EDMU 205 or SOC 421; ANTH 341 or PSYS 324 or SOC 235 or WGS 210; or permission of the department chairperson.

*Open only to social work majors.*

**462 Social Work Practicum Seminar (3)** Focuses on the integration of entry-level generalist social work practice knowledge, professional ethical standards, and competencies; analyzes applied generalist practice settings and interventions using assignments based on the concurrent field experiences in SOCW 460; and emphasizes ongoing professional development.

*Prerequisite:* SOCW 410 and 430 and 440; ANTH 311 or COMM 290 or EDMU 205 or SOC 421; ANTH 341 or PSYS 324 or SOC 235 or WGS 210; or permission of the department chairperson.

*Open only to social work majors.*

## Department of Speech Pathology and Audiology

### SPEECH PATHOLOGY AND AUDIOLOGY (SPAA)

**Correction** (per Department of Speech Pathology and Audiology):

#### 210 Speech Sound Disorders (3)

Revise title

**From:** Anatomy and Physiology of Speech and Hearing

**To:** Speech Sound Disorders

## TEACHERS COLLEGE

### Teacher Licensing

**Revised:**

### PROFESSIONAL EDUCATION ASSESSMENT/DECISION POINTS

#### Decision Point 4:

#### Recommendation for Graduation and Licensure

To be recommended for graduation and licensure, students must have:

- earned credit in student teaching;
- completed all requirements for graduation with an overall grade-point average of 3.0;
- maintained a grade-point average of at least 2.5 in professional education courses and 2.5 in all content area courses;
- satisfactorily completed the fourth-level portfolio review;
- met ISTE standards at the Student Teaching/Internship level;
- successfully completed service learning requirements;
- maintained clearance from the Division of Student Affairs;
- provided evidence of current CPR/AED certification prior to license recommendation;
- provided evidence of completion of suicide prevention training prior to license recommendation.

## Department of Counseling Psychology and Guidance Services

**Revised:**

### MASTER OF ARTS IN COUNSELING, 48-60 hours

*School Concentration, 51 hours*

CPSY	600	Intro School Counseling	3
	606	Pre-Practicum Skills	3
	607	Appraisal Methods	3
	614	Career Counseling Assessment	3
	621	Theories and Techniques Couns	3
	644	Practicum in Counseling	3
	646	Advanced Practicum Counseling	3
	653	Research Counseling Guidance	3
	685	Organization Guidance Program	3
	688	Group Counseling Techniques	3
	695	Internship Counseling (3-6)	6
SPCE	600	Educ of Exc Children	3

One course from

CPSY	631	Personality (3)	
	636	Psychopathology (3)	3

Counseling Psychology

One course from

CPSY	678	Counseling Culturally Diverse (3)	
EDMU	660	Multcl Multieth Ed in Amer Sch (3)	
	670	Soc and Cultural Min in Amer Ed (3)	3

Educational Psychology

EDPS	603	Human Development	3
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Education courses

One course from

EDCU	610	Elem Schl Curriculum (3)	
	620	Se School Curriculum (3)	
	630	Jr Hi and Mid School Curr (3)	

EDEL	600	Basic Concepts in Elem Educ (3)	
	626	Discipline and Classroom Mgt (3)	
EDFO	631	Philosophy of Education (3)	
	641	History of American Education (3)	
	651	Educational Sociology (3)	
EDJH	512	Inst Strtgs Apprchs JH and MS (3)	
EDSE	534	Class Mgt: Imprvng Student Beh (3)	
	695	Dyn and Sec School Classroom (3)	3
			51 hrs

Candidates will be issued the school services standard license for counselor after they have completed the following state requirements:

- One of the following professional experiences: (1) a valid out-of-state school counseling license and one year of experience as a school counselor in another state, or (2) an internship in a school setting for one academic year.
- A master’s degree in counseling or a related field and 30 semester hours in counseling and guidance at the graduate level.
- Completion of a supervised practicum in counseling with students at all levels.
- Recommendation by the accredited institution where the approved qualifying program was completed.
- A passing score of the Indiana CORE content test for school counselors.

The holder of the school services license is eligible to serve as a counselor at all grade levels.

## Department of Educational Psychology

### Revised:

#### CERTIFICATE IN NEUROPSYCHOLOGY, 15 hours

##### Admission requirements

Admissions standards for graduate study leading to a certificate in neuropsychology will be the same as the graduate admission standards set by the Graduate School for a doctoral degree (e.g. GPA 3.0).

PREFIX	NO	SHORT TITLE	CR HRS
EDPS	629	Adult Development	3
	649	Fund Neuropsych	3
	655	Child Neurodevelopment	3
	665	Develop Psycholinguistics	3
	753	Adv Topics in Neuro	3
			15 hrs

## EDUCATIONAL PSYCHOLOGY (EDPS)

### Revised:

**621 Identification and Evaluation of Gifted and Talented Students (3)** Explores in-depth practices of identifying gifted

students and evaluating programs and services for this population of learners. Topics include measurement and contextual factors regarding the identification of gifted students and best practices for data collection and analysis for gifted program evaluations.

*Prerequisite:* EDPS 420 or 520.

## Department of Educational Studies

### Revised:

#### DOCTOR OF PHILOSOPHY IN EDUCATIONAL STUDIES, 91 hours

This integrated interdisciplinary doctorate addresses changes in the character and delivery of public education, teacher education, and educational research through the study of three related disciplines in Curriculum, Educational Technology, and Cultural and Educational Policy Studies. The program addresses the following critical issues facing education in the 21st century: 1) the increasing role of technology in learning, instructional design, curriculum development, assessment, and pedagogy; and 2) the influence of societal trends in demographics, economics, and politics on the structure and culture of schools. The program serves a variety of professionals who wish to advance their careers in higher education as teacher educators and researchers, as well as curriculum directors, program evaluators and consultants in schools. Graduates are prepared with the necessary knowledge, skills, and understanding to: assist students, teachers, and policy makers to function in a knowledge society; implement teaching and learning strategies; engage in systematic assessment, evaluation, and research; and develop strategies to address the learning needs of changing populations.

##### Admission requirements

Applicants must meet the admission requirements of the Graduate School. Applicants must also be able to demonstrate their ability to pursue advanced knowledge in each of the three areas of major concentration: Curriculum, Educational Technology, and Cultural and Educational Policy Studies. Applicants must hold a masters degree from an accredited college or university with a grade-point average of at least 3.5 on a 4.0 scale and have acceptable scores on the Graduate Record Examination (GRE).

##### Degree requirements

The PhD in Educational Studies requires a minimum of 91 credits beyond the bachelor’s degree with a 24-credit research core and a 12-credit Educational Studies core consisting of one course from each of the three disciplinary areas: Curriculum, Educational Technology, and Cultural and Educational Policy Studies. The fourth course is a capstone doctoral seminar. An additional 21 credits in one of the disciplines completes the student’s area of specialization, and an additional 12 credits in each of the other disciplines provide

for two directed cognates. Completion of the dissertation earns 10 credits.

PREFIX	NO	SHORT TITLE	CR HRS
<b>Research core</b>			
EDPS	640	Research Methods	3
EDST	650	Intro to Qual Res	3
	671	Eval of Ed Prgms	3
ID	705	Research Colloquium (1-3)	3
			12 hrs

12 hours from

EDPS	641	Statistical Methods (3)	
	642	Analysis of Variance (3)	
	741	Applied Regression Analysis (3)	
EDST	655	Intro Mixed Methods Research (3)	
	660	Ethno Res in Ed (3)	
	670	Adv Theor Qual Rsh (3)	
	676	Res on Impact Stud Learn (3)	
	770	Adv Eval of Ed Prgms (3)	
SOC	681	Survey Research Methods (3)	12
			24 hrs

**Educational Studies core**

EDCU	601	Princ and Proc of Curr Dev	3
EDFO	631	Philosophy of Education	3
EDST	735	Seminar in Educational Studies	3
EDTE	650	Curr Integ of Lrnng Tech	3
			12 hrs

**Area of Major Concentration**

Select Curriculum, Educational Technology, or Cultural and Educational Policy Studies.

**Curriculum**

Required for the Major Concentration:

EDCU	725	Curr Thry, Proc, and Products	3
	798	Sem in Curr Dev	3

6 hours from the following:

EDCU	610	Elem Schl Curriculum (3)	
	620	Se School Curriculum (3)	
	630	Jr Hi and Mid School Curr (3)	
	640	Altern School Curricula (3)	
	673	Curriculum Evaluation (3)	
	675	Eval Ed Pers Strength Curr (3)	
	690	Problems in Curriculum (1-9)	
	700	Sem Curr Staff Dev Evalu (3)	
	799	Intern in Super and Curr (4)	
EDST	680	Staff Dev to Strengthn Curr (3)	6

9 additional hours from above or approved related courses.

9  


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21 hrs

**Educational Technology**

EDTE	585	School Information Infra (3)
	652	Multi Web Des and Dev for Ed (3)
	655	Inq and Sim Models in Ed Comp (3)
	660	Instructi Des and Tech (3)
	665	Visual and Digital Literacies (3)
	670	Technology Policy and Pedagogy (3)
	675	Dist Ed and Distrib Lrnng Tech (3)
	680	Adv Proj in Dig Media (3)
	685	Info Sys for Inst and Assess (3)
	690	Pract in Ed Tech (2-4)
	699	Indep Study in Ed Tech (1-4)
	770	Res and Eval in Ed Tech (3)
	790	Internship in Educational Tech (3-5)

9 hours for this specialization may be from approved related courses.

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21 hrs

**Cultural and Educational Policy Studies**

EDAD	797	Adv Policy Sem in Ed Admin (3)
	798	Adv Political Sem in Ed Admin (3)
EDEL	645	Adv and Policy in Childhood Ed (3)
EDFO	610	Women, Gender, and Education (3)
	621	Education and Ethics (3)
	632	Sem in the Phil of Ed (3)
	641	History of American Education (3)
	642	Sem in Hist Ed Thought (3)
	651	Educational Sociology (3)
	652	Sem in Ed Soc (3)
	660	Comparative Education (3)
	699	Ind Study in Found of Ed (1-3)
	700	Cri Ed Pol St Anl (3)
EDMU	660	Multcl Multieth Ed in Amer Sch (3)
	670	Soc and Cultural Min in Amer Ed (3)
	690	Ind Study in Multicul Ed (1-3)
SPCE	701	Sem: Pols and Issues in Spec Ed (3)

9 hours for this specialization may be from approved related courses.

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21 hrs

**Program Summary**

Research	24
Educational Studies Core	12
Area of Major Concentration from above	21
Directed Cognate from above	12
Directed Cognate from above	12
Dissertation	10
91 hrs	

**Department of Elementary Education**

**Revised:**

**PROGRAMS**

The department offers a master of arts in education (MAE) in elementary education. Certificates in early childhood education, enhanced teaching practice for elementary teachers, literacy instruction, and response to intervention are also offered. Other programs include doctor of education (EdD) in elementary education and a doctor of philosophy (PhD) in elementary education.

631	Comp Tech and Learner Spec Nds (3)	
632	Intro to Emo and Behav Dis (3)	
686	Intro: Mild Interventions (3)	9
		36 hrs

SPCE 686 is required for students without the prerequisite for SPCE 687.

## EDUCATION: READING (EDRD)

### Revised:

#### 545 Integrating Technology in the Literacy Program (3)

Candidates will explore many different possibilities for integrating cutting-edge technology into the literacy program and explore how technology affects the development of literacy strategies and skills.

**680 Classroom Literacy Assessment (3)** Provides the knowledge and skills necessary to diagnose children's literacy and to develop, plan, and organize a literacy program based on data.

*Prerequisite:* EDRD 610, 615, or 620.

## Department of Special Education

### Revised:

#### Director of Exceptional Needs

- Requires a minimum of a master's degree.
- Further information regarding this program may be obtained by contacting the educational license office.
- Students must hold a master's degree to obtain this license. In addition, at least a proficient practitioner level license is required to enroll in this program.

PREFIX	NO	SHORT TITLE	CR HRS
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#### Required courses

EDAD	600	Intro to Ed Leadership	3
	684	Educational Finance and Ethics (3)	
		or	
	685	Fiscal Mangmnt of Ed Agencies (3)	3
	687	Legal Aspects of Education	3
	689	The School Principal	3
SPCE	637	Org and Admin of Spec Ed	3
	639	Spec Ed Admin and Org Beh	3
	687	Educ Assessment: Mild Int	3
	694	Intern in Spec Ed (3-9)	3
CPSY	600	Intro School Counseling (3)	
		or	
SPCE	677	Tch Parnts to Educate Exc Chld (3)	3

#### 9 hours from

SPAA	543	Introduction to Audiology (3)
SPCE	577	Intro to Intense Interv Needs (3)
	600	Educ of Exc Children (3)
	612	Theory and Pract EC Special Ed (3)

## SPECIAL EDUCATION (SPCE)

### Revised:

#### 202 Legal and Procedural Foundations of Special Education (3)

Studies court cases, federal- and state-level legislation, and related historical events that preceded passage of IDEA. Covers definitions, procedural requirements, and legal safeguards of IDEA as implemented in Indiana.

*Prerequisite:* SPCE 201 with a minimum grade of C.

**266 Classroom Management (3)** Provides an overview of classroom management issues and interventions. Includes observations and participation in settings that include students with exceptionalities. On-campus class and field experience.

*Prerequisite:* SPCE 201 with a grade of C or better.

#### 277 Human Relations, Collaboration, and Diversity (3)

Examines diversity in the classroom and focuses on collaboration with parents of learners with exceptionalities and professionals as members of the multidisciplinary team. Emphasizes co-teaching and related collaborative instructional strategies.

*Prerequisite:* SPCE 201 with a grade of C or better.

**331 Technology in Special Education (1-3)** Introduction to computer applications in special education, including building personal computer skills, applying those skills in the classroom, customizing curriculum, and adapting a variety of technologies for learners with special needs. To be taken concurrently with SPCE 201 for 1 hour or SPCE 361 for two hours.

*Parallel:* SPCE 201 or 361.

A total of 3 hours of credit may be earned.

**361 Advanced Practicum in Special Education (1-6)** Field experience emphasizing application of teaching methodologies and best practices in instruction and classroom management. Projects associated with the methods course (see parallel course) will be completed.

*Prerequisite:* admission to the teacher education program; and SPCE 375 with a C or better; and overall GPA of 3.0 or better.

*Parallel:* SPCE 366 or 376 or 378 or 454 or 476.

A total of 6 hours of credit may be earned.

**371 Introduction to Mild Interventions (3)** The study of the psychological, environmental, behavioral, and cultural factors that contribute to mild disabilities. Foundations of special education are reviewed. Includes legal responsibilities of schools, eligibility, evidence-based practices, Universal Design for Learning (UDL), and Individual Educational

Programs (IEP).

*Prerequisite:* admission to the teacher education program.

**375 Assessment in Special Education, Including Response to Intervention (3)** Educational assessment skills needed in the role of a teacher of students with exceptionalities.

Emphasis on the accurate administration, scoring, and interpretation of selected assessment tools. Application of concepts related to Early Intervening Services (Response to Intervention) is also included. Role of the special educator on the multi-disciplinary assessment team is explored. May be repeated only one time.

*Prerequisite:* EDPS 345 for all-grade mild and intense intervention majors; and admission to the teacher education program; and grade of *C* or better in SPCE 371.

**376 Teaching Methods in Mild Interventions K-12 (3)**

Studies best practices in differentiation, engaging learners, developing and teaching a unit, and teaching language arts.

*Prerequisite:* admission to the teacher education program; and SPCE 375 with a *C* or better; and overall GPA of 3.0 or better.

*Parallel:* SPCE 361.

**475 Teaching Methods in Mild Interventions for**

**Adolescents (3)** Explores secondary methods with a focus on best practices in classroom planning, academic and behavioral issues, and instructional strategies for adolescents through young adults with exceptional needs.

*Prerequisite:* SPCE 376 or 476 with a grade of *C* or better; or permission of the department chairperson.

*Prerequisite or parallel:* SPCE 361 (3 credit hours) with a grade of *C* or better.

**476 Transition Planning for Adolescents with**

**Exceptionalities (3)** Includes transition models and planning, curriculum considerations, career and vocational education, collaboration with adult service agencies, and academic planning for secondary students with mild disabilities.

*Prerequisite:* SPCE 376 with a grade of *C* or better (waived for secondary content area program); permission of the department chairperson.

Laura Helms, Director  
Office of Academic Systems