

# BALL STATE UNIVERSITY

## ACADEMIC POSTING

2012-2013

VOLUME XLIV – 5

February 1, 2013

This posting may contain all or part of the following: new, revised, and dropped programs, courses and prefixes. The posting period begins February 4, 2013. If no demurrer is received within ten school days, the changes will be certified for implementation. *The effective date for implementing undergraduate materials posted after April 16, 2012 is Fall Semester 2013. Graduate materials posted after April 16, 2012 have an implementation date of Fall Semester 2014.*

### INTERDEPARTMENTAL PROGRAMS

#### Legal Studies

#### Revised:

#### MAJOR IN LEGAL STUDIES, 69 hours

This major prepares students for careers as legal assistants or paralegals. It also provides a strong foundation in law-related courses for students who plan to work in the courts, the legislature or in legal departments of government and business.

*PREFIX NO SHORT TITLE CR HRS*

Interdisciplinary major requirements

Common core, 36 hours

BL	367	Principles of Estate Planning	3
POLS	130	American National Government	3
	141	Introduction to Paralegalism	3
	229	Info Tech for Paralegals	3
	241	Family Law	3
	242	Legal Research and Writing	3
	243	Litigation	3
	344	Adv Legal Research and Writing	3
	342	Problems in Public Policy (3)	3
	or		
	431	Legislation (3)	3
	369	Pd Prof Exp in Amer Gov & Law (3)	3
	or		
	479	Pract Exp/Amer Gov & Law (3)	3
	445	Adv Litigation & Alt Disp Res	3
	455	Administrative Law (3)	3
	or		
	457	Alternative Dispute Resolution (3)	3

36 hrs

Complete one option

*Option 1: Public Law, 33 hours*

ACC	201	Principles of Accounting 1	3
BL	260	Principles of Business Law	3
RE	230	Real Estate Principles	3
RMI	270	Principles of Risk Mgt & Ins	3

15 hours from

COMM	340	Leadership Communication (3)	
	385	Rhetoric and Public Advocacy (3)	
POLS	237	State and Local Politics (3)	
	238	Urb Gov in United States (3)	
	347	Environmental Law and Policy (3)	
	408	Topics in Legal Studies (3)	
	435	Intergovernmental Relations (3)	
	443	American Constitutional Law (3)	
	444	Constitutional Liberties (3)	
	455	Administrative Law (3)	
	474	Women and Politics (3)	
	475	Minority Group Politics (3)	
	490	International Law (3)	
PSYS	471	Psych in the Legal System (3)	
RE	332	Legal Aspects of Real Estate (3)	
SOC	425	Sociology of Law (3)	15

6 hours from

ACC	202	Principles of Accounting 2 (3)	
CJC	101	Intro to Criminal Justice (3)	
COMM	220	Argumentation and Debate (3)	
	320	Persuasion (3)	
	325	Interviewing (3)	
MGT	200	Management Principles (3)	
MKG	200	Fundamentals of Marketing (3)	
PHIL	200	Logic (3)	
RE	331	RE Construction Law & Fin (3)	
RMI	473	Insurance Law (3)	
SOC	425	Sociology of Law (3)	6

69 hrs

*Option 2: Business, 33 hours*

Students interested in pursuing this option must complete the following courses before registering for 300- and 400-level business courses.

ACC	201	Principles of Accounting 1	3
	202	Principles of Accounting 2	3
BL	260	Principles of Business Law	3
ECON	201	Elementary Microeconomics	3
	202	Elementary Macroeconomics	3
	221	Business Statistics	3
ISOM	135	Business Information Systems	3
12 hours from			
BL	362	Law of Business Associations (3)	
	363	Uniform Commercial Code (3)	
BUSA	302	Career Management (3)	
ECON	346	Law and Economics (3)	
FIN	300	Principles of Finance (3)	
ISOM	226	Business Systems App Dev (3)	
	313	DB & Info Resource Mgt (3)	
	415	Information Systems Management (3)	
MGT	200	Management Principles (3)	
	300	Managing Behavior in Org (3)	
	361	Managing Human Resources (3)	
MKG	200	Fundamentals of Marketing (3)	
	300	Principles of Marketing (3)	
PHIL	200	Logic (3)	
POLS	281	Econ/Pol Prob of Emerg Ntns (3)	
	347	Environmental Law and Policy (3)	
	408	Topics in Legal Studies (3)	
	433	The American Judicial System (3)	
	435	Intergovernmental Relations (3)	
	443	American Constitutional Law (3)	
	444	Constitutional Liberties (3)	
	455	Administrative Law (3)	
	474	Women and Politics (3)	
	490	International Law (3)	
RE	230	Real Estate Principles (3)	
	331	RE Construction Law & Fin (3)	
	332	Legal Aspects of Real Estate (3)	
RMI	270	Principles of Risk Mgt & Ins (3)	
	330	Employee Benefits & Ret Plan (3)	
	473	Insurance Law (3)	
SOC	425	Sociology of Law (3)	12

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69 hrs

The prerequisite for ISOM 135, ECON 221, and POLS 229 is demonstrated proficiency in computer skills. Proficiency may be demonstrated by examination or credit in ISOM 125, CS 104 or the equivalent. ECON 221 requires C or better grade in MATH 111, or a passing grade in MATH 132, 161, 162, 165, or 166 as the prerequisite.

## COLLEGE OF APPLIED SCIENCES AND TECHNOLOGY

### School of Nursing

#### NURSING (NUR)

#### Dropped:

#### 762 Health Care Business and Economics (3)

#### Revised:

**228 Introduction to Nursing (3)** Introduces professional nursing concepts including caring, role development as care provider, critical thinking and the nursing process, communication, legal and ethical issues, culture and human diversity, health care systems, information and technology in health care.

*Prerequisite:* ANAT 201; BIO 113; CHEM 101; PSYS 100; SOC 100; all of these courses must have a grade of C or better; permission of the department chairperson.

*Prerequisite or parallel:* PHYS 215.

*Open only to prenursing students.*

**230 Health Appraisal Across the Lifespan (3)** Begins application of nursing process and professional role development using a holistic approach with emphasis on assessment. Focuses on psychomotor skills, data collection and interpretation, communication, and interviewing skills, and beginning health promotion activities with clients across the lifespan in a variety of settings.

*Prerequisite:* ANAT 201; BIO 113; CHEM 101; PSYS 100; PHYS 215; SOC 100; NUR 228; all of these courses must have a grade of C or better; permission of the department chairperson.

*Open only to nursing students.*

**231 Fundamental Nursing Skills (3)** Introduces scope of professional role development by focusing on selected psychomotor skills in the nursing care of clients in a variety of settings.

*Prerequisite:* ANAT 201; BIO 113; CHEM 101; NUR 228; PHYS 215; PSYS 100; SOC 100; all of these courses must have a grade of C or better; permission of the department chairperson.

*Prerequisite or parallel:* NUR 230.

*Open only to nursing students.*

#### 301 Sexual Health: Significance for Nursing (2)

Information about nursing assessments and interventions that will help clients and families cope with sexual problems related to a variety of stressors.

*Prerequisite:* ANAT 201; BIO 113; CHEM 101; NUR 228; PHYS 215; PSYS 100; SOC 100; all of these courses must have a grade of C or better; permission of the department chairperson.

*Prerequisite or parallel:* NUR 230.

*Open only to nursing students.*

**302 Nursing Foundations and Issues (3)** Examines the role of the professional nurse: provider of care, designer/manager/coordinator of care, and member of profession. Expands knowledge of nursing as related to information/health care technologies, ethics, global health care, health care systems, policy, research, human diversity, and theory.

*Prerequisite:* ANAT 201; BIO 113; CHEM 101; COMM

210; EDPS 250, 355; FCFN 340; PHYS 215; SOC 100; all of these courses must have a grade of C or better; permission of the department chairperson.

*Open only to nursing majors with RN licenses.*

**303 Health Assessment (3)** Enhances skills in performing total health assessment of diverse clients across the lifespan. Learning experiences include selected case studies and performance of health assessments in a variety of health care settings.

*Prerequisite or parallel:* NUR 302 with a grade of C or better; permission of the department chairperson.

*Open only to nursing majors with RN licenses.*

**307 Gerontological Nursing (3)** Introduces nursing approaches aimed at managing unique needs of the elderly with best care practices. Normal and pathological changes, common disease processes, cultural diversity, psychological function, nutrition, pain, pharmacology, abuse, dying, legal and ethical concerns are among topics included.

*Prerequisite:* NUR 230 with a grade of C or better; permission of the department chairperson.

*Open only to nursing students and registered nurses.*

**322 Research in Nursing (3)** Develops skills to be a consumer of nursing research. Applies research findings for improved nursing practice, and explores ethical aspects of research. Provides a foundation for graduate research.

*Prerequisite:* NUR 230, 231 (NUR 302 for RNs only); all of these courses must have a grade of C or better; permission of the department chairperson.

*Parallel:* PSYS 241 or SOC 382 or NUR 314.

*Open only to nursing students and registered nurses.*

**330 Adult Health 1: Nursing Care Across the Adult Lifespan (4)** Focuses on health promotion, disease prevention, risk reduction, and nursing care of adults with acute/chronic/disabling conditions across the lifespan. Includes emphasis on critical thinking, communication, diversity, and professional role development. Learning experiences occur in classroom, laboratory, hospital, and community settings.

*Prerequisite:* COMM 210; EDPS 270; FCFN 340; HSC 180; NUR 230, 231; all of these courses must have a grade of C or better; permission of the department chairperson.

*Parallel:* NUR 350; PSYS 241 or SOC 382 or NUR 314.

*Open only to nursing students.*

**340 Adult Health 2: Nursing Care Across the Adult Lifespan (4)** Focuses on health promotion, disease prevention, risk reduction, and nursing care of adults with acute/chronic/disabling conditions across the lifespan. Includes emphasis on critical thinking, communication, diversity, and professional role development. Learning experiences occur in classroom, laboratory, hospital, and community settings.

*Prerequisite:* NUR 330, 350; statistics; all of these courses must have a grade of C or better; permission of the department chairperson.

*Parallel:* NUR 322, 370.

*Open only to nursing students.*

**350 Psychiatric-Mental Health Nursing (4)** Focuses on the role development of the professional nurse who provides care to clients experiencing behavioral and psychological problems in a variety of psychiatric settings. Emphasizes health promotion, holistic assessment, therapeutic communication, environmental (milieu) management and psychiatric illness management.

*Prerequisite:* COMM 210; EDPS 270; FCFN 340; HSC 180; NUR 230, 231; all of these courses must have a grade of C or better; permission of the department chairperson.

*Parallel:* NUR 330; PSYS 241 or SOC 382 or NUR 314.

*Open only to nursing students.*

**370 Pediatrics (4)** Applies professional role as provider, designer, manager, and coordinator of care with families and the pediatric population in a variety of settings. Applies strategies for health promotion, risk reduction, and disease prevention with diverse populations.

*Prerequisite:* NUR 330, 350; statistics; all of these courses must have a grade of C or better; permission of the department chairperson.

*Parallel:* NUR 322, 340.

*Open only to nursing students.*

**401 Applied Nursing Concepts (4)** Synthesizes professional role with individuals and families across the lifespan experiencing acute, chronic, disabling, and multisystem crisis in a variety of settings. Synthesizes concepts of illness and disease management, health promotion, information and health care technologies, policies, theory, ethics, human diversity, and research.

*Prerequisite:* NUR 302, 303; all of these courses must have a grade of C or better; permission of the department chairperson.

*Open only to registered nurses.*

**402 Adult Health 3 (4)** Expands focus on health promotion, disease prevention, risk reduction, and nursing care of adults with acute/chronic/disabling conditions across the lifespan. Includes emphasis on critical thinking, communication, diversity, and further professional role development. Learning experiences in classroom, laboratory, hospital, and community settings.

*Prerequisite:* NUR 322, 340, 370; statistics; all of these courses must have a grade of C or better; permission of the department chairperson.

*Parallel:* NUR 404, 406.

*Open only to nursing students.*

**404 Community Health (4)** Applies nursing process with individuals, families, and aggregates across the lifespan in various community settings. Uses concepts of public health, nursing, health promotion, risk reduction, disease prevention, epidemiology, information/health care technologies, human diversity, research, and health care systems/policies emphasizing collaborative practice and use of community resources.

*Prerequisite:* HSC 180; NUR 322, 340, 370; PSYS 241 or SOC 382; all of these courses must have a grade of C or better; permission of the department chairperson.

*Parallel:* NUR 402, 406.

*Open only to nursing students and registered nurses.*

**405 Management and Leadership (3)** Evaluates the professional nurse's role as a care designer, coordinator and manager. Emphasizes traditional management functions such as planning, organizing, staffing, directing, collaborating, delegating, and evaluating.

*Prerequisite:* NUR 302 with a grade of C or better; permission of the department chairperson.

*Open only to registered nurses.*

**406 Nursing of Childbearing Families (4)** Applies professional role as provider, designer, manager, and coordinator of care with women and childbearing families in a variety of settings. Applies strategies for health promotion, risk reduction, and disease prevention with diverse childbearing families.

*Prerequisite:* NUR 322, 340, 370; PSYS 241 or SOC 382 or NUR 314; all of these courses must have a grade of C or better; permission of the department chairperson.

*Parallel:* NUR 402, 404.

*Open only to nursing students.*

**423 Seminar: Transition to Practice (2)** Examines trends in nursing and health care: historical, legal, political, and ethical perspectives. Includes assessments and practice opportunities for NCLEX-RN.

*Prerequisite:* NUR 402, 404, 406; all of these courses must have a grade of C or better; permission of the department chairperson.

*Parallel:* NUR 425, 430.

*Open only to nursing students.*

**425 Leadership and Management (4)** Applies leadership and management principles to nursing and health care systems. Emphasizes communication, negotiation, delegation, coordination, and evaluation skills. Outcome-based practice and interdisciplinary teamwork are utilized in diverse clinical settings.

*Prerequisite:* NUR 402, 404, 406; all of these courses must have a grade of C or better; permission of the department chairperson.

*Parallel:* NUR 423, 430.

*Open only to nursing students.*

**662 (762) Health Care Business and Economics (3)** Focuses on principles of business, finance, economics, and health care informatics utilized in developing and evaluating care delivery approaches within health care systems and clinical practice. Emphasis on cost-effective practice initiatives for elimination of health disparities and improvement of health care outcomes.

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

### AQUATICS (AQUA)

#### Revised:

**190 Introduction to Aquatics (3)** An introduction to such topics as career opportunities, industry trends, and industry practice. Aquatics concepts, theory, and publications will be discussed. Aquatic related terminology, research, and fundamentals to aquatic oversight are studied. Lab fee required.

**215 Intermediate Swimming (1)** Designed for all physical education majors and aquatic students looking to improve their stroke techniques. Emphasizes basic performance techniques in swimming, diving, and aquatic skills. Prepares students for success in the AQUA 315 (WSI) course.

*Prerequisite:* successful completion of entry-level skills tests.

**219 Aquatic Sports Officiating (1)** An introduction to the theory and practice of officiating swimming and springboard diving.

**255 Practicum in Aquatics (2)** Administrative and teaching experience at Ball State University or another approved aquatic program as deemed appropriate by the aquatic coordinator.

*Prerequisite:* AQUA 315 and permission of the coordinator of the aquatics program.

*Open only to aquatic degree students.*

**260 Emergency Responder (3)** Provides knowledge and experiences in Emergency Medical Responder skills. Instruction includes training in assessment, CPR, First Aid, Automated External Defibrillation, Oxygen administration, and other advanced care. This is not a state-sanctioned Emergency Medical Responder course.

**301 Instructor of CPR and First Aid (2)** Emphasizes teaching methodologies and delivery of nationally recognized programs in first aid, CPR, and bloodborne pathogens. Instructor certification available.

*Prerequisite:* current basic level first aid and CPR certification.

**313 Biomechanics of Aquatics (2)** Provides an opportunity to observe, participate, experiment with, and apply biomechanical principles in swimming. Students will be able to observe and evaluate competitive swimming, competitive diving, recreational swimming, and therapeutic exercise.

**315 Water Safety Instructor (WSI) (3)** Swimming and rescue skills necessary to complete certification for a Water Safety Instructor program. Emphasizes a broad range of other aquatic experiences and teaching methodologies. Lab fee required.

*Prerequisite:* successful completion of swimming test.

**316 Aquatic Fitness Instructor (3)** Introduction to the objectives, format, and water exercise classes, emphasizing participation and application of fitness and related concepts to selected water aerobic activities. Lab fee required for certification.

*Prerequisite:* successful completion of swimming test the first week of class.

**355 Internship in Aquatics (1-3)** Permits credit for aquatic experiences in categories of leadership, administration, or operation of aquatic programs or facilities.

*Prerequisite:* AQUA 221; permission of the program coordinator.

A total of 3 hours of credit may be earned.

*Open only to scuba minor students.*

**404 Lifeguard Instructor (LGI) (3)** Trains students to be Lifeguard Instructors. Training includes LG, CPR, FA, AED, 02, and PDT skills. Advanced topics include open water and surf techniques. Certification available upon successful completion. Lab fee required.

## **ATHLETIC TRAINING (AT)**

### **Dropped:**

**340 Prevention and Care of Musculoskeletal Injuries (4)**

**398 Applied Anatomy in Athletic Training (1)**

**498 Organization and Administration of Athletic Training (2)**

### **New:**

**250 Application of Taping, Wrapping, and Protective Devices in Athletic Training (1)** A laboratory course designed to facilitate learning of the knowledge and skills required to effectively tape, wrap, or apply any protective devices to a patient in an athletic training setting. Focuses on theory and skill acquisition in order to become competent in this area.

*Prerequisite:* AT 196 and 340; admission to the athletic training education program.

**260 Clinical Education in Athletic Training 1 (2)** Guided experiences in athletic training, which includes the application of knowledge and skills in the following domains: prevention; clinical evaluation and diagnosis; immediate care, treatment, rehabilitation, and reconditioning; organization and administration; and professional responsibilities.

*Prerequisite:* AQUA 260 and AT 196 and 240 and ANAT 201; admission into the athletic training education program.

**261 Clinical Education in Athletic Training 2 (2)** Guided experiences in athletic training, which includes the application of knowledge and skills in the following domains; prevention, clinical evaluation and diagnosis, immediate care, treatment, rehabilitation, and reconditioning, organization and administration, and professional responsibilities.

*Prerequisite:* AT 260 and 370.

*Open only to athletic training majors.*

**360 Clinical Education in Athletic Training 3 (2)** Guided experiences in athletic training, which includes the application of knowledge and skills in the following domains: prevention, clinical evaluation and diagnosis, immediate care, treatment,

rehabilitation, and reconditioning, organization and administration, and professional responsibilities.

*Prerequisite:* AT 260 and 261 and 370 and 371.

*Open only to athletic training majors.*

**460 Clinical Education in Athletic Training 4 (2)** Guided experiences in athletic training, which includes the application of knowledge and skills in the following domains: prevention, clinical evaluation and diagnosis, immediate care, treatment, rehabilitation, and reconditioning, organization and administration, and professional responsibilities.

*Prerequisite:* AT 260 and 261 and 360 and 370 and 371 and 372 and 373.

*Open only to athletic training majors.*

### **Revised:**

**240 (340) Prevention and Care of Musculoskeletal Injuries (3)** Introduction to the prevention, recognition, evaluation, treatment, and rehabilitation of common musculoskeletal injuries and conditions. Laboratory experiences emphasize the following: basic injury evaluation and management, preventative stretching techniques, bracing methods, spinal stabilization, splinting, and equipment fitting techniques.

**374 (498) Organization and Administration of Athletic Training (3)** Understanding of risk management, healthcare delivery mechanisms, insurance, reimbursement, documentation, patient privacy, and facility management as it relates to athletic trainers functioning within the context of a complex healthcare system.

*Prerequisite:* AT 370 and 371 and 372.

*Open only to athletic training majors.*

**392 Practicum 1 in Athletic Training (1-3)** Under the supervision of a preceptor, the student develops knowledge and clinical skills relevant to athletic training practice in 1-2 healthcare settings.

*Prerequisite:* AT 260 and 261 and 370 and 371.

A total of 3 hours of credit may be earned.

*Open only to athletic training majors.*

**477 Psychosocial Aspects of Sports Medicine (3)** Presents a variety of psychological and sociological factors related to working with patients and athletes in exercise and sports settings, including recognition of abnormal social, emotional, and mental behaviors as well as the ability to intervene and refer these individuals as necessary.

*Parallel:* AT 373.

*Open only to athletic training majors.*

**494 (398) Clinical Integration in Athletic Training (1)** A laboratory course designed to facilitate the integration of knowledge, skill, and clinical decision making into simulated patient care experiences using the principles associated with evidence-based practice.

*Prerequisite:* AT 370 and 371 and 372 and 373 and AT 374.

*Open only to athletic training majors.*

**495 Medical and Pharmacological Aspects of Athletic Training (4)** Develops the medical and pharmacological knowledge and clinical skills that athletic trainers must possess to diagnose, treat, and refer patients with general medical illness/injuries. Laboratory experiences focus on the application of medical and pharmacological knowledge and the clinical skills used to diagnose, treat, and refer patients with medical illness/injuries.

*Prerequisite:* AT 370 and 371 and 372 and 373 and 392.

*Open only to athletic training majors.*

**497 Clinical Decision Making in Athletic Training (2)** Capstone course for the advanced athletic training student. Current topics in sports medicine, athletic training research, and professional responsibilities are investigated to develop clinical decision-making skills based on sound evidence.

*Prerequisite:* AT 370 and 371 and 372 and 373.

*Open only to athletic training majors.*

## **EXERCISE SCIENCE (EXSC)**

### **Revised:**

**201 Physical Fitness Concepts and Assessment (3)** An introduction to the knowledge and skills necessary to administer physical fitness assessments.

*Prerequisite:* EXSC 292 or ANAT 201.

**293 Foundations of Physiology and Exercise (3)** Presents an introduction to exercise physiology by providing a basic overview of systems physiology at rest, along with the acute responses and chronic adaptations in these systems that are brought about by exercise.

*Prerequisite:* EXSC 292 or ANAT 201.

**294 Anatomical Kinesiology (3)** Focuses on understanding how structure of the human body determines its function, how movement is produced, the relationship to injury, and how exercise can maintain, rehabilitate, and improve body structure.

*Prerequisite:* EXSC 292 or ANAT 201.

**301 Fundamentals of Exercise Prescription (3)** Emphasizes the knowledge and skills necessary to effectively develop and implement an appropriate exercise prescription for adults.

*Prerequisite:* advanced program status, permission of the program coordinator.

**320 Fundamentals of Resistance Training (3)** Advanced knowledge in resistance training program design and implementation emphasizing the physiological and biomechanical aspects of resistance training.

*Prerequisite:* EXSC 147 and 292 or ANAT 201 and EXSC 293.

*Open only to exercise science majors.*

**401 Principles of the Electrocardiogram (3)** Introduction to the basic principles and interpretation of the electrocardiogram (ECG) as it relates to clinical and fitness programs.

*Prerequisite:* EXSC 293.

*Open only to exercise science majors.*

**414 Biomechanics of Human Movement (3)** Application of fundamental biomechanical principles to the human musculoskeletal system. Topics include musculoskeletal mechanics and quantitative analysis of human movement.

*Prerequisite:* EXSC 292 or ANAT 201 and EXSC 293 and 294 and PHYC 110.

## **PHYSICAL EDUCATION: PROFESSIONAL (PEP)**

### **Dropped:**

**108 K-12 Dance for the Physical Educator (1)**

**150 Introduction to Teaching Physical Fitness (2)**

**344 Outdoor Education in Physical Education (1)**

**444 Diversity Issues in School Physical Education (1)**

### **Revised:**

**158 Teaching Dance and Gymnastics (3)** Introduction to teaching dance and gymnastics for the physical educator. Provides physical education teaching majors a developmentally appropriate scope and sequence for teaching dance (K-12) in today's schools. Also provides comprehensive skill instruction for teaching gymnastics in a safe environment.

*Prerequisite:* permission of the coordinator.

*Open only to physical education teaching majors.*

**242 Teaching Outdoor Education and Lifelong Activities (2)** Introduction to skill development, teaching methodology, and curricular models for outdoor education (e.g., challenges and initiatives, hiking, orienteering, etc.) and lifelong activities (e.g., golf, disc golf, softball, bowling, bocce ball, buka ball, etc.) through participation and guided reflection.

*Prerequisite:* permission of the coordinator.

*Open only to physical education teaching majors.*

**244 Current Issues in Physical Education (3)** Introduction to the diversity, psychological, and sociological issues related to physical education. Topics will examine a variety of factors that influence teacher effectiveness, student learning, and classroom management. Provides opportunities to plan and implement pedagogical and curricular strategies for a variety of diverse populations.

*Prerequisite:* permission of the coordinator.

*Open only to physical education teaching majors.*

**252 Teaching Physical Fitness and Fitness Activities (3)** Introduction to major fitness technology, training principles, youth fitness and appropriate fitness instruction/assessment in a physical education (K-12) setting for the physical educator.

*Prerequisite:* permission of the coordinator.

*Open only to physical education teaching majors.*

## SPORT ADMINISTRATION (SPTA)

### Revised:

**290 Revenue Generation in Sport (3)** An exploration and application of sport industry sales processes focused upon ticket sales, sponsorship sales, premium seating, and fundraising. Introduces the sales process including prospecting, calling, presenting, handling objections, negotiating, and closing. Making sales calls for a sport organization is an integral component of the class.

*Open only to sport administration majors with full acceptance status.*

**300 Sport Law (3)** Explores how the legal system applies to the sport industry and impacts managerial decisions. Topics covered include tort law, risk management, agency law, contract law, employment law, constitutional law, gender equity, intellectual property law, and antitrust law. Students will examine how prior cases impact future decisions.

*Open only to sport administration majors with full acceptance status.*

**303 Sport Marketing (3)** The application of basic principles of marketing to the managed sport industry with emphasis on intercollegiate athletics, professional sport and multisport club operations. Designed to provide students with a contemporary understanding of marketing principles as they are currently being applied in various sport management contexts.

*Open only to sport administration majors with full acceptance status.*

**305 Sport Finance (3)** A basic knowledge of the principles, processes, and strategies related to the economic and financial aspects of sport organizations. Introduces various financial aspects used in the current sport institutions and organizations including public subsidization of sports facilities, economic impact analysis, public-private partnerships, sources revenue for team operation, and related issues.

*Open only to sport administration majors with full acceptance status.*

**345 Sport Communication (3)** An overview of effective communication practices in the sport industry with an emphasis on the role of media and public relations within sport. Topics covered include developing public relations campaigns, creating media guides and press releases, managing relationships with the media, staging interviews and press conferences, and crisis communication.

*Open only to sport administration majors with full acceptance status.*

**402 Event and Facility Management in Sport (3)** Develops a student's understanding and knowledge of the competencies necessary to execute sporting events and manage sports facilities through theory and application. Topics covered include conceptualizing, planning, managing, and evaluating events. Students will plan and implement an event for students and the community.

*Open only to sport administration majors with full*

*acceptance status.*

**448 Sport Governance (3)** Develops a contemporary understanding of governing bodies, leadership, ethical decision making, and policy at all levels of sport. Emphasis is placed on governance issues specific to youth/community, amateur, intercollegiate, Olympic/international, and professional sport organizations.

*Open only to sport administration majors with full acceptance status.*

**485 Sport Management (3)** Explores organizational management issues related to sport. Organizational theory topics include organizing, planning, decision making, human resources, leadership, program evaluation, and organizational effectiveness. Students will apply these topics to sport organizations and to their own career path through professional development exercises.

*Open only to sport administration majors with full acceptance status.*

**698 Internship in Sport Administration (6)** A supervised work and learning experience in the application of sport management knowledge and skills. Internships are to be completed with organizations within the sport industry approved by the program coordinator including professional, collegiate, interscholastic, and amateur organizations.

*Prerequisite:* 12 hours earned (C or better) from the graduate sport administration program (core or approved electives), permission of the program coordinator.

*Open only to physical education and sport: sport administration majors.*

## Department of Technology

### TECHNOLOGY: COMPUTER TECHNOLOGY (TCMP)

#### Revised:

**270 (TMFG 270) Industrial and Computer Electronics (3)** Theory and application of electronics in computer technology industry. Includes fundamentals of electricity, DC Circuits, introduction to semiconductor devices, microcontrollers, and integrated circuits. Work includes the use of test meters, power supplies, breadboards, and circuit simulation software.

**340 Wireless Network Communications (3)** A study of current and emerging wireless technologies and their integration into the design and implementation of networks. Topics include fundamental wireless communication concepts, wireless local areas networks (WLAN), and their impact on organization communications.

*Prerequisite:* TCMP 210.

**371 (TMFG 371) Microprocessor and Microcomputer to Machine Interfacing (3)** Digital microprocessor and microcomputer technology and its applications in machine interfacing and controls. Activities include the study of sensor

technology, analog and digital instrumentation, machine to computer interfacing, motion controls, basic robotics, and system interconnections.

*Prerequisite:* TCMP 270 with a minimum grade of C or better.

## **TECHNOLOGY: DEPARTMENT (TDPT)**

### **Revised:**

**213 Interior Construction Materials, Processes, and Products (3)** Designed specifically for non-majors. Content is organized around specific construction units related to materials, processes, and products of residential and commercial construction.

## **TECHNOLOGY: EDUCATION (TEDU)**

### **Revised:**

**305 Technological Systems (3)** The study of technological systems involving communication, production, transportation, and bio-technologies. Classroom and laboratory experiences examine the nature of modern systems.

**403 Technological Enterprise (3)** Presents the relationship between technology and the corporate sector. Emphasizes organization, management, operation, and impact of a technological enterprises. Laboratory experiences include organizing, staffing, and operating a student-managed enterprise. Includes laboratory activities.

*Prerequisite:* TEDU 102 or TMFG 105 or TCST 106, TEDU 108.

## **TECHNOLOGY: MANUFACTURING (TMFG)**

### **Dropped:**

**270 Industrial Electronics (3)**

**371 Microprocessor to Machine Interfacing (3)**

### **Revised:**

**365 Six Sigma Foundations (3)** Development of Lean Six Sigma foundational skills and analytical and statistical analysis skills. Lean Six Sigma tools are introduced. Topics include: Lean and Six Sigma concepts and practices, Quality Tools, Basic Statistics, Continuous and Discrete Process Capability, and Control Methods. Students are required to pass ten Lean Six Sigma Commercial Exams.

*Prerequisite:* ECON 221.

**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.

*Parallel:* ISOM 321.

## **COLLEGE OF ARCHITECTURE AND PLANNING**

### **Department of Architecture**

#### **ARCHITECTURE (ARCH)**

##### **Revised:**

**218 Structural Systems 1 (3)** Basic introduction to the mathematical foundations of statics--equilibrium, balance, centroids, neutral axis--with primary focus on developing a basic understanding of concepts of conditions of equilibrium and force systems.

**301 Architectural Design (5)** Integration of all facets of design including design, research, programming, technology, function, human behavior, scheduling, time management, communication, use of materials, and systems. Workshops in the further exploration and development of visualization and communication skills at all stages of the design process.

*Prerequisite:* ARCH 202.

**302 Architectural Design (5)** A rigorous in-depth exploration of a selected topic in architectural design. Design studio and seminar in theories and principles related to the selected topic.

*Prerequisite:* ARCH 301.

**373 Environmental Systems 2 (3)** Application of the principles of physics to the design and engineering of environmental systems in buildings and technologies of active intervention.

*Prerequisite:* ARCH 273.

### **Department of Urban Planning**

#### **URBAN PLANNING (PLAN)**

##### **Revised:**

**203 Regional Analysis and Design Studio (4)** Land analysis and planning at regional scale. Training to inventory social and physical elements on a regional scale, analyze the suitability of land and the vulnerability of the environment for development, and locate urban functions. Introduces computer-assisted models for land-suitability analysis.



# MILLER COLLEGE OF BUSINESS

## Revised:

### Requirements for Admission

Students interested in pursuing majors in the Miller College of Business, except economics, liberal arts option, will be classified as pre-business students until they:

- complete the following courses with a grade-point average of 2.5: ACC 201; ECON 201; ISOM 125; and MATH 111 (C or better) or credit for MATH 132.

### Degree Requirements

A bachelor's degree in business is awarded to students who meet these university and Miller College of Business requirements. Students must:

- complete a minimum of 120 credit hours;
- complete all University Core Curriculum requirements;
- complete the specific requirements of the major;
- take 30 of the last 40 hours at Ball State University. In addition to this university requirement, students majoring in a program in the Miller College of Business must earn the last 30 credits of their major in residence; and
- maintain a minimum grade-point average of 2.0.

## MASTER OF BUSINESS ADMINISTRATION (MBA)

### Revised:

**691 Global Strategic Management (3)** Integrative application of business knowledge to managerial decisions and action that determine the long-run performance of organizations. Deals with legal and environmental issues and strategy formulation, and implementation in a global setting.

*Prerequisite:* completion of MBA 601 and 611 and 621 and 631 and 651; full admission to a graduate program in the Miller College of Business.

*Open only to* Miller College of Business students or by permission of the Miller College of Business director of graduate programs.

## Department of Economics

### ECONOMICS (ECON)

#### Revised:

**424 Introduction to Econometrics (3)** Applies statistical methods to economics. Emphasizes constructing, estimating, and testing economic models. Topics include multiple regression analysis and advanced regression techniques, including the specific problems that arise in applying these to economic and financial data, time series analysis, and forecasting.

*Prerequisite:* ECON 201, 202, 221 or MATH 221 or 321.

## Department of Information Systems and Operations Management

### INFORMATION SYSTEMS AND OPERATIONS MANAGEMENT (ISOM)

#### Revised:

**249 Foundations of Business Communication (3)** Provides pre-business majors with a cornerstone course designed to develop the interpersonal, analytical, written, and presentation skills needed to succeed in upper division courses and on the job. ISOM 249 is to be taken concurrent with those courses that complete the admission requirement or taken in the term of enrollment following admission to the Miller College of Business.

*Prerequisite:* ISOM 125 or CS 104; ENG 104 or 114; sophomore standing.

*Open only to* pre-business and Miller College of Business majors and other business minors or by special permission.

## COLLEGE OF COMMUNICATION, INFORMATION, AND MEDIA

### Department of Journalism

#### New:

#### CERTIFICATE IN DIGITAL MEDIA, 15 hours

PREFIX	NO	SHORT TITLE	CR HRS
ICOM	101	The Digital World	3
	495	Senior Capstone	3
Choose 3 from the following			
ICOM	201	Web Design & Usability (3)	
	210	Introduction to Social Media (3)	
	211	Digital Interactivity Design (3)	
	212	Digital Image Design (3)	
	213	Digital Video Design (3)	
	214	Digital Sound Design (3)	9

15 hrs

Prerequisite for ICOM 495 is waived. ICOM 495 is to be taken last. *Not open to* digital media minors.

#### CERTIFICATE IN EMERGING MEDIA AND VISUAL REPORTING, 15 hours

PREFIX	NO	SHORT TITLE	CR HRS
JOUR	603	Intro to Visual Reporting	3
	611	Digital Media Bootcamp	3
	623	Visual Storytelling	3
	643	Emerging Technologies	3

655	Social & Cross-Media Storytlg	3
		<hr/> 15 hrs

**CERTIFICATE IN LITERARY JOURNALISM, 15 hours**

PREFIX	NO	SHORT TITLE	CR HRS
JOUR	601	Studies in Journ Comm Theory	3
	613	Seminar in Literary Journalism	3
	614	Writing Literary Journalism	3
	615	Reporting and Research Methods	3
	698	Special Topics: Storytelling	3
			<hr/> 15 hrs

**Department of Telecommunications**

**Revised:**

**MINOR IN FILM/SCREENWRITING, 18 hours**

PREFIX	NO	SHORT TITLE	CR HRS
ENG	285	Intro to Creative Writing	3
	310	Screenwriting	3
TCOM	360	World Film History 1	3
	363	Film Genres	3

3 hours from

ENG	410	Adv Screenwriting (3)	
	425	Film Studies (3)	3

3 hours from

TCOM	361	World Film History 2 (3)	
	365	Documentary Film History (3)	
	465	Film Theory Seminar (3)	3

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18 hrs

Minors in creative writing may count ENG 285 in both minors. Majors in the TCOM digital production option may count ENG 285 and ENG 310 in both the major and minor.

The Minor in Film/Screenwriting is not open to TCOM majors in film and media studies option.

**TELECOMMUNICATIONS (TCOM)**

**New:**

**383 Digital Sports Seminar (3)** A variable topic seminar focusing on issues pertaining to the business of digital sports production.

*Open only to approved majors in telecommunications, journalism, or sport administration.*

**Revised:**

**381 Sports and Electronic Media (3-6)** Examines the practical, social, and economic relationships between two major areas of American popular culture--the electronic media and sports. Combines aspects of announcing, production, sales and marketing, history, and policy.

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

*Open only to approved majors in telecommunications, journalism, or sport administration.*

**COLLEGE OF SCIENCE AND HUMANITIES**

**Department of Biology**

**Dropped:**

**MAJOR IN BIOLOGY, 62-71 hours**

**Dropped the following option:** Ecology

**Revised:**

**MAJOR IN BIOLOGY, 62-71 hours**

Biology majors are required to take a departmental examination before graduation. This examination is for departmental assessment purposes only; students neither pass nor fail this exam.

PREFIX	NO	SHORT TITLE	CR HRS
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Common core, 44-45 hours

BIO	111	Principles of Biology 1	4
	112	Principles of Biology 2	4
	210	Introduction to Botany	3
	214	Genetics	4
	215	Cell Biology	4
	216	Ecology	3
	217	Methods in Ecology	2
	499	Symposium	1
CHEM	111	General Chemistry 1	4
	112	General Chemistry 2	4
	231	Organic Chemistry 1	4
MATH	112	Precalculus Trigonometry (3)	
	or		
	161	Applied Calculus 1 (3)	
	or		
	165	Calculus 1 (4)	3-4
PHYC	110	General Physics 1	4

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44-45 hrs

*Option 6: Cellular and molecular biology, 25 hours*

BIO	313	Microbiology	4
	344	Immunology-Virology	4
	457	Molecular Biology	4
	470	Developmental Biology	4
CHEM	360	Essentials of Biochemistry (4)	
	or		
	463	Principles of Biochemistry 1 (3)	
	and		
	465	Biochemistry Lab Techniques (1)	4
5 hours from			
BIO	369	Internship in Biology (1-6)	
	394	Practicum in Biology (1-3)	
	456	Cancer Biology (3)	
	498	Undergraduate Research (1-3)	
BIOT	(any 2 BIOT classes, except BIOT 493)		
BOT	451	Plant Physiology (4)	
CHEM	464	Principles of Biochemistry 2 (3)	5

69-70 hrs

Recommended electives are BIO 341, 446, 452, 453, 460, 482; BIOT 493; BOT 446; MATH 162 or 166; PHYC 112 or 122; or SCI 501.

*Option 7: Field botany, 23 hours*

BIO	448	Biometry	3
BOT	380	Forestry	3
	440	Taxonomy of Vascular Plants	4
	470	Dendrology	3
	480	Plant Ecology	3
	481	Aquatic Botany	4
NREM	221	Soil Resources	3

67-68 hrs

62-71 hrs

## Department of Computer Science

### Dropped:

**CERTIFICATE IN COMPUTER APPLICATIONS, 15-16 hours**

**CERTIFICATE IN SYSTEMS, NETWORKS, AND SECURITY, 12-13 hours**

**CERTIFICATE IN WEB APPLICATIONS, 13 hours**

### Revised:

**MINOR IN COMPUTER SECURITY, 18-19 hours**

PREFIX	NO	SHORT TITLE	CR HRS
CS	110	Intro Comp Sci & Web Prog (3)	
	or		

	120	Computer Science 1 (4)	3-4
CS	200	Computers and Society	3
	203	Intro to Computer Security	3
	249	Forensics	3
CS	300	Local and Wide Area Networks (3)	
	or		
	327	Dist Proc and Networks (3)	
	or		
TCMP	210	Internetwork Fundamentals (3)	3
CS	446	System Administration	3

18-19 hrs

Minor in Computer Security is not open to students with a Major in Computer Science or a Minor in Digital Forensics.

## Department of Criminal Justice and Criminology

### CRIMINAL JUSTICE AND CRIMINOLOGY (CJC)

#### Revised:

**311 Race, Ethnicity and Gender (3)** Examination of racial, ethnic, and gender issues regarding criminal offenders, victims of crime, and employees of the criminal justice system.

*Prerequisite:* CJC 220 and 221 and 230 and 240 and 250 and sophomore standing, or permission of the department chairperson.

**329 Decision Making and Ethics (3)** Examination of the process of decision making in criminal justice agencies and social institutions that influence those agencies in American society. Emphasizes ethical practices and concerns that affect the justice system.

*Prerequisite:* CJC 220 and 221 and 230 and 240 and 250 and sophomore standing, or permission of the department chairperson.

## Department of English

### Revised:

**MINOR IN CREATIVE WRITING, 18 hours**

This program offers a foundation in writing and creative thinking skills designed to complement other university majors and minors.

PREFIX	NO	SHORT TITLE	CR HRS
ENG	206	Reading Literature	3
	285	Intro to Creative Writing	3

12 hours of creative writing courses, including at least

3 hours from courses numbered 405 and above 12  
18 hrs

**MINOR IN FILM/SCREENWRITING, 18 hours**

<i>PREFIX</i>	<i>NO</i>	<i>SHORT TITLE</i>	<i>CR HRS</i>
ENG	285	Intro to Creative Writing	3
	310	Screenwriting	3
TCOM	360	World Film History 1	3
	363	Film Genres	3
3 hours from			
ENG	410	Adv Screenwriting (3)	
	425	Film Studies (3)	3
3 hours from			
TCOM	361	World Film History 2 (3)	
	365	Documentary Film History (3)	
	465	Film Theory Seminar (3)	3
			18 hrs

Minors in creative writing may count ENG 285 in both minors. Majors in the TCOM digital production option may count ENG 285 and ENG 310 in both the major and minor.

The Minor in Film/Screenwriting is not open to TCOM majors in film and media studies option.

**ENGLISH (ENG)**

**Revised:**

**206 Reading Literature (3)** An introduction to the nature and interpretation of literary works and to reading and writing critically about literature. Credit does not apply to English majors.

**Department of Mathematical Sciences**

**MATHEMATICAL SCIENCES (MATH)**

**Correction:**

**181 Elementary Probability and Statistics (3)**  
 Remove from prerequisite: C- or better in

**250 Pre-College Mathematics from an Advanced Viewpoint (3)**  
 Change parallel to: prerequisite

**Department of Philosophy and Religious Studies**

**Revised:**

**MAJOR IN PHILOSOPHY, 33 hours**

<i>PREFIX</i>	<i>NO</i>	<i>SHORT TITLE</i>	<i>CR HRS</i>
PHIL	200	Logic	3
6 hours from			
PHIL	203	Social Philosophy (3)	
	210	Philosophy of Religion (3)	
	230	Environmental Ethics (3)	
	304	Philosophy of Sport (3)	
	305	Logical Theory (3)	
	310	African Philosophy (3)	
	312	Current Issues in Philosophy (3)	6
15 hours from			
PHIL	300	History of Ancient Philosophy (3)	
	302	History of Modern Philosophy (3)	
	306	Contemporary Philosophy (3)	
	404	Metaphysics (3)	
	410	Epistemology (3)	
	415	Prof and Practical Ethics (3)	
	420	Contemp Ethical Thry & Prob (3)	15
9 hours from additional PHIL courses			9
			33 hrs

**MINOR IN PHILOSOPHY, 18 hours**

<i>PREFIX</i>	<i>NO</i>	<i>SHORT TITLE</i>	<i>CR HRS</i>
6 hours from			
PHIL	300	History of Ancient Philosophy (3)	
	302	History of Modern Philosophy (3)	
	306	Contemporary Philosophy (3)	
	404	Metaphysics (3)	
	410	Epistemology (3)	
	415	Prof and Practical Ethics (3)	
	420	Contemp Ethical Thry & Prob (3)	6
12 hours from additional PHIL courses			12
			18 hrs

**Department of Physics and Astronomy**

**Dropped:**

**MAJOR IN PRE-ENGINEERING PREPARATION, 68 hours**

**Dropped the following options:** Metallurgical; Chemical

**Revised:**

**MAJOR IN PRE-ENGINEERING PREPARATION, 68 hours**

PREFIX	NO	SHORT TITLE	CR HRS
Common core, 56 hours			
CHEM	111	General Chemistry 1	4
	112	General Chemistry 2	4
CS	120	Computer Science 1	4
MATH	165	Calculus 1	4
	166	Calculus 2	4
	217	Linear Algebra	4
	267	Calculus 3	4
PHYC	115	Career Issues	1
	120	General Physics 1	5
	122	General Physics 2	5
	260	Introduction to Modern Physics	4
	262	Modern Physics Laboratory	1
	330	Mechanics	3
	354	Electronics 1	4
	483	Seminar in Physics (1-2)	1
	485	Meas of Lrngng in Physics	1
TMFG	105	Technical Design Graphics	3
			56 hrs
PHYC	356	Electronics 2	4
8 hours from electives in APHY, CS, MATH, and PHYC as approved by the pre-engineering advisor			8
			12 hrs
			68 hrs

To begin this program it is expected that students will have completed high school mathematics courses equivalent to the prerequisite for MATH 165.

## Department of Social Work

### Revised:

### MAJOR IN SOCIAL WORK, BSW, 69 hours

#### Admission and Retention Requirements

##### Formal Admission to the Social Work Major

- 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 230 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.

- 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.
- 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 400, 410, 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 330;
- 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 400, 410, 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 400.

- Transfer students must meet the department's grade-point average requirements for the major and for the 400-level courses.

knowledge about the ways social systems promote or deter people in maintaining or achieving health and well-being.

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

*Open only to* social work majors and minors, and family life educator certification and child development candidates.

### 330 Human Behavior and the Social Environment 2 (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 200, 220, 230; PSYS 100, 367 or BIO 254; or permission of the department chairperson (PSYS 367 or BIO 254 waived for minors, family life educator certification and child development candidates, and WGS majors and minors).

*Open only to* social work majors and minors, family life educator certification and child development candidates, and WGS majors and minors.

**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 400, 410, 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 400, 410, 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.

## TEACHERS COLLEGE

### Teacher Licensing

**Revised:**

### PROFESSIONAL EDUCATION ASSESSMENT/DECISION POINTS

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
	230	Human Behav and Social Envr 1	3
	300	Social Work Practice 2	3
	320	Social Welfare Policy 2	3
	330	Human Behav and Social Envr 2	3
	340	Research in Social Work 1	3
	400	Social Work Practice 3	3
	410	Social Work Practice 4	3
	440	Research in Social Work 2	3
	460	Practicum	12
	462	Practicum Seminar	3
PSYS	100	Intro to Psychological Science	3
	367	Introduction to Neuroscience (3)	
	or		
BIO	254	Biology in the Social Context (3)	3
SOC	100	Principles of Sociology (3)	
	or		
	242	Social Problems (3)	3
ANTH	311	Ethnicity and Race (3)	
	or		
COMM	290	Intercultural Communication (3)	
	or		
EDMU	205	Intro to Multicul Ed (3)	
	or		
SOC	421	Racial & Cultural Minor US (3)	3
ANTH	341	Anthropology and Women (3)	
	or		
PSYS	324	Psychology of Women (3)	
	or		
SOC	235	Sociology of Women (3)	
	or		
WGS	210	Intro Women's & Gender Studies (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
			<hr/> 69 hrs

## SOCIAL WORK (SOCW)

**Revised:**

### 230 Human Behavior and the Social Environment 1 (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

Grade points will be checked at the end of each semester beginning when students earn 30 hours. An overall grade-point average of at least 3.0 is required for admission to the teaching curriculum (at the end of DP2) and continuation in all educator preparation programs.

#### **Decision Point 1:**

##### **Identification with Professional Education**

As a prerequisite to applying for admission to teacher education and to enroll in any professional education course after earning 30 credit hours, candidates must have:

- earned a minimum of 30 credit hours with an overall grade-point average of at least 2.75.
- completed an introductory professional education course with a *C* or better grade;
- satisfactorily completed the first-level portfolio review.

#### **Decision Point 2:**

##### **Admission to Teacher Education**

For admission to a teaching curriculum and to register in any 300-level and above professional education course, candidates must have:

- earned grades of *C* or better in 100- and 200-level professional education courses and COMM 210 or equivalent;
- earned a minimum of 45 credit hours with an overall grade-point average of at least 3.0;
- passed the Praxis 1: PPST (Pre-Professional Skills Test) at OELD score levels; SAT, GRE, or ACT scores may substitute for PRAXIS I under some circumstances;
- satisfied content requirements specified by the student's licensure area. For specific requirements, students should see the licensure area Web site or handbook;
- satisfactorily completed the second-level portfolio review;
- met International Society for Technology Education Standards (ISTE) at the General Preparation level;
- maintained clearance from the Division of Student Affairs.

#### **Decision Point 3:**

##### **Admission to Student Teaching**

To register for student-teaching courses, students must have:

- earned grades of *C* or better in all 300- and 400-level professional education courses;
- earned a minimum of 93 hours with overall grade-point average of at least 3.0;
- be within 9 hours of completion of content courses;
- maintained a grade-point average of at least 2.5 in professional education courses and 2.5 in all content area courses;
- satisfied content requirements specified by the student's licensure area. For specific requirements, students should see the licensure area Web site or handbook;
- satisfactorily completed the third-level portfolio review;
- met ISTE standards at the Professional Preparation level;
- maintained clearance from the Division of Student Affairs;
- an approved application for student teaching.

#### **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;
- passed the Praxis II: Specialty Test at OELD score levels. (Elementary Education majors must also pass the Reading Test);
- maintained clearance from the Division of Student Affairs.

## **Department of Educational Psychology**

### **Revised:**

#### **DOCTOR OF PHILOSOPHY IN EDUCATIONAL PSYCHOLOGY (GENERAL), 90 hours**

The doctoral program in Educational Psychology trains research scholars who will contribute to the understanding of teaching, learning and development; educational accountability and program evaluation; and individual differences in learning and adjustment in educational settings. The core program features areas of study such as learning, human development, statistics, measurement and research methods.

Graduates will be skilled researchers with substantive knowledge of measurement, research design, and analysis of data. Graduates will be qualified for academic positions in higher education and research positions in public and private institutions such as professional evaluation firms and testing companies.

#### **Admission requirements**

Applicants must apply to both the Graduate School and the Department of Educational Psychology. Applicants are screened according to departmental criteria after they have been admitted by the Graduate School. Separate application forms are required by the Graduate School and the department. The application deadline is March 15. Please contact the program director for additional information.

#### **Degree requirements**

The PhD program consists of a minimum of 90 hours of graduate credit. Students must complete one 15-hour cognate and may choose from among cognates in the Department of Educational Psychology, including gifted studies, psychology of human development, and statistics and research methods. Cognates from other departments within Teachers College might also be considered, including special education,

counseling psychology, teacher education, higher education, curriculum, and educational technology.

Cognate

15

90 hrs

<i>PREFIX</i>	<i>NO</i>	<i>SHORT TITLE</i>	<i>CR HRS</i>
Educational psychology core			
EDPS	600	Adv Educational Psych	3
	601	Seminar in Educational Psych (1-3)	6
	606	Learn/Achievement Motivation	3
	641	Statistical Methods	3
	642	Intermediate Statistics	3
	643	Research Design	3
	720	Development Theories/Research	3
	741	Applied Regression Analysis	3
	742	Multivariate Statistics	3
	746	Theory of Measurement	3
	765	Theories of Learning	3
EDST	650	Intro to Qual Res	3
ID	705	Research Colloquium (1-3)	2
PSYS	691	Systems of Psychology	3

The cognate requirement consists of one 15-hour cognate. Students may choose from among cognates in the Department of Educational Psychology, including gifted studies, psychology of human development, and statistics and research methods. Cognates from other departments within Teachers College might also be considered, including special education, counseling psychology, teacher education, higher education, curriculum, and educational technology.

Ron Murphy, Associate Director  
Office of Academic Systems

6 hours from			
EDPS	627	Child Development (3)	
		or	
	628	Adolescent Development (3)	
		or	
	629	Adult Development (3)	6

3 hours from			
EDPS	698	Special Topics (3-9)	
		or	
	768	Theories Cognitive Development (3)	3
			53 hrs

Research applications, 3 hours from			
EDPS	730	Nonparametric Statistics (3)	
	740	Categorical Data Analysis (3)	
	743	Intro Factor Analysis (3)	
	744	Structural Equation Modeling (3)	
	785	Multilevel Statistical Model (3)	
EDST	655	Intro to Mixed Methods Research (3)	
	660	Ethno Res in Ed (3)	
	671	Eval of Ed Prgms (3)	
SOC	681	Survey Research Methods (3)	3

Culture and diversity, 3 hours from			
EDEL	644	Education in a Diverse Society (3)	
EDFO	651	Educational Sociology (3)	
EDMU	660	Multcl/Multieth Ed in Amer Sch (3)	
	670	Soc & Cultural Min in Amer Ed (3)	3
			59 hrs

Directed electives  
6 hours of electives approved by the doctoral committee 6

Dissertation			
DISS	799	Doctor's Dissertation (1-24)	10