

BALL STATE UNIVERSITY

ACADEMIC POSTING

2013-2014

VOLUME XLV – 11

April 4, 2014

This posting may contain all or part of the following: new, revised, and dropped programs, courses and prefixes. The posting period begins April 7, 2014. If no demurrer is received within ten school days, the changes will be certified for implementation. *The effective date for implementing undergraduate materials posted after May 27, 2013 is Fall Semester 2014. Graduate materials posted after April 16, 2012 have an implementation date of Fall Semester 2014.*

COLLEGE OF APPLIED SCIENCES AND TECHNOLOGY

Department of Family and Consumer Sciences

Revised:

MAJOR IN FAMILY AND CONSUMER SCIENCES, 63-87 hours

All family and consumer sciences majors must complete the common core and at least one of the options. Students who declare a double option in the department will be required to complete an internship in both concentrations.

PREFIX NO SHORT TITLE CR HRS

Common core, 6 hours

FCS	103	Introduction to FCS	3
	403	FCS in Practice	3

Concentration: Interior design, 81 hours

AHS	100	Introduction to Art	3
FCID	101	Rapid Visualization	3
	110	Design Fundamentals	3
	111	Graphic Communication 1	3
	112	Design Presentation	3
	115	Interior Finishes	3
	120	Graphic Communication 2	3
	210	Hist and Theoretical Studies 1	3
	221	Graphic Communication 3	3
	222	Interior Design Studio 1	3
	224	Interior Design Studio 2	3
	225	Hist and Theoretical Studies 2	3
	228	Graphic Communication 4	3
	261	Universal Design	3
	300	ID Professional Practice	3
	314	Color and Light in ID	3
	320	Furniture Design	3

324	Interior Design Studio 3	3
334	Interior Design Studio 4	3
362	Inter Construction & Detailing	3
369	Internship in Interior Design (1-5)	5
390	Interior Design Programming	3
400	NCIDQ Preparation	1
424	Interior Design Studio 5	3
484	Interior Design Studio 6	3

6 hours from

ACC	201	Principles of Accounting 1 (3)
ACR	221	Introduction to Metals (3)
	231	Introduction to Glass (3)
AFA	101	Drawing 1 (3)
ARCH	100	Introduction to Architecture (2)
	329	History of Architecture 2 (3)
ECON	116	Survey of Economic Ideas (3)
FCID	220	Sustainable Interiors (3)
MKG	300	Principles of Marketing (3)
TCST	104	Introduction to Construction (3)
	180	Construction Documents (3)
	250	Construction Methods Matls 1 (3)
TDPT	299X	Experimental Development Topic (3-6) 6

87 hrs

Students are placed in pre-interior design program for the first two years. All pre-interior design students are required to participate in *Portfolio Review* during the second semester of the second year to be admitted to the 300-level courses and higher. Students will be admitted to the interior design program, upon successful completion of the review. See interior design Web site for more details. A grade of *C* or better is required in all required courses with the exception of AHS 100 and FCS core courses. Students with grade of *C-* or lower need to retake the course. Students may not progress through the program until they satisfy the requirements.

FAMILY AND CONSUMER SCIENCES: PROPERTY MANAGEMENT (FCPM)

Revised:

669 Graduate Internship in Residential Property Management (3 or 6) Provides the opportunity for the student to work in an established internship setting to gain professional experience in one's specific area of study.

Prerequisite: ACC 201; FCPM 275, 305; FCFN 310; 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.

School of Physical Education, Sport, and Exercise Science

New:

MINOR IN COACHING, 18 hours

Admission requirements

- Attain minimum overall GPA of 2.5 at time of application.
- Completion of PEP 231 with a *C* or better.
- Completion of at least 10 hours of field experience in coaching.
- Completion of Ball State University coaching minor application.

PREFIX	NO	SHORT TITLE	CR HRS
AT	240	Prevention and Care of Injury	3
PEP	231	Philosophy of Coaching	3
	409	Psychological Social Issues	3
	433	Coaching Internship	3
SPTA	190	Introduction to Sport Admin	3
3 hours from			
AQUA	314	Teach/Coach Swimming & Diving (3)	
EXSC	302	PA Throughout Lifespan (3)	
	360	Exercise Psychology (3)	
FCFN	340	Prin of Human Nutrition (3)	
PEP	227	Intro Adapted Physical Ed/Act (3)	
	291	Motor Development/Learn (3)	
SPST	200	Approaches to Study Sport (3)	
	450	Sel Tops in Sports Studies (3)	
SPTA	300	Sport Law (3)	3
			<hr/>
			18 hrs

Program requirements

A Minor in Coaching is awarded to students who meet the following requirements. Students must:

- Maintain overall GPA of 2.5 and coaching minor GPA of 2.75.
- Complete 18 credit hours of course work prescribed above.
- Provide proof of current CPR, First Aid, and AED certification. The completion of PEP 250 may satisfy this requirement.
- Obtain a National Federation of State High School Associations (NFHS) or an American Sport Education Program (ASEP) sport certification in one of the following: baseball, basketball, football, golf, lacrosse, soccer, softball,

swimming and diving, tennis, track and field, volleyball, or wrestling.

Revised:

BACHELOR OF ATHLETIC TRAINING, 73-75 hours

The mission of the Ball State University Athletic Training Program is to provide quality education which will create life-long learners that are committed to delivering high quality patient-centered care within an interdisciplinary health care team. We aspire to develop students who are dedicated to maintaining involvement within the profession through clinical practice and service. Course work and clinical experiences are blended to develop knowledge and skills in evidence-based practice, prevention and health promotion, clinical examination and diagnosis, acute care of injury and illness, therapeutic interventions, psychosocial strategies and referral, health care administration, and professional development and responsibility. Athletic trainers provide care for patients with a variety of skill levels in a variety of settings, including professional, college, or high school sport, sports medicine clinics, industrial settings, government agencies, and performance arts.

Admission Requirements (Professional Program)

- Formal letter of application.
- Completion of the Ball State Athletic Training Program Application and all related documents (e.g., essay questions, Mid-Term Grade Report).
- Completion of AT 196, 240, and AQUA 260 (with a *B-* or better grade in each). Completion of ANAT 201 (with a *C* or better grade). These courses must be completed or in progress at the time of application.
- Students must complete one academic year (two semesters) at Ball State (one semester for transfer students) with a minimum overall grade-point average of 2.75 at the time of application.
- Minimum of 25 hours of athletic training directed observation at the time of application, with a minimum of 50 directed observation hours at the time of interview.
- Copy of all official transcripts.
- Two letters of recommendation (from references other than Ball State athletic training staff/faculty).
- Pre-Professional Student Evaluation Form (completed by a BSU preceptor).
- Interview with Athletic Training Program Selection Committee.
- Completion of Health History and Physical Examination, including immunization records.
- Students must be able to meet the technical standards set forth by the Ball State University Athletic Training Program. The Technical Standards Waiver must be read and signed by both the student and a physician.
- Completion of Technical Standards Waiver.
- Students must have valid Emergency Cardiac Care certification for the professional rescuer (or equivalent) at the time of the start of the professional phase of the program.

Athletic training students will be responsible for the costs associated with the program. These costs include the following: apparel, local transportation to clinical sites, emergency cardiac care certification fees, lab fees, lab pack, Clinical Integration Proficiency Manual, inoculation requirements, annual TB test, background check, and yearly student membership to the National Athletic Trainers' Association.

The pre-professional program should begin in the fall or spring of the freshman year with formal application to the professional program due during the spring semester application cycle. Transfer students and those freshmen not admitted in the spring semester may apply during the fall semester application cycle. Decisions will be made by the Athletic Training Program Selection Committee before the end of registration for the following semester.

Retention Standards (once admitted to professional program)

The following guidelines will be used to evaluate each athletic training student at the end of each semester in order to remain in good standing in the professional phase of the program.

- Must satisfy (with or without accommodation) the mental, cognitive, emotional, and physical technical standards involved in completing the requirements for program completion.
- Students must maintain active student membership in the National Athletic Trainers' Association.
- Must maintain a minimum overall grade-point average of 2.75 with no semester lower than a 2.5. A student dropping below this mark will be placed on probation for one semester. Failure to meet this standard after one semester on probation may result in dismissal from the athletic training program.
- Must maintain a minimum grade-point average of 2.75 in the Athletic Training Program (including all major-required courses).
- Students must earn a C or better in all athletic training major courses. Any student who receives a grade lower than a C in any athletic training course will be required to retake the course.
- Students must complete, at the level of mastery, the designated number of clinical integration proficiencies (CIPs) every semester contained in the Clinical Integration Proficiency Manual and specified by the student's *Clinical Education in Athletic Training* or *Practicum in Athletic Training* course syllabus. If a student completes a CIP, but fails to perform at the level of mastery, the student is required to repeat and master that CIP within that semester. If a student fails to complete the designated number of CIPs performed at the level of mastery for a given *Clinical Education in Athletic Training* or *Practicum in Athletic Training* course, the student will receive a grade penalty in the course and be placed on probation in the program. The student will be required to perform the deficient CIP(s) at the level of mastery in the following semester. Failure to do so will result in dismissal from the program.
- Successful completion (at least 80%) of annual OSHA Bloodborne Pathogen Training, HIPAA training, and the Ball State University Athletic Training Student Handbook Quiz prior to engaging in clinical education.

- Maintain current certification in emergency cardiac care, at the level of a professional rescuer or healthcare provider (adult and pediatric).
- Remain in compliant with requirements related to clinical education (e.g., TB testing, influenza vaccination, criminal background check).
- All students are required to abide by the policies and procedures contained in the Ball State University Athletic Training Program Student Handbook, including the *NATA Code of Ethics* and the *BOC's Standards of Professional Practice*. Any violations of these policies, any case of academic dishonesty or professional misconduct can result in probation or dismissal from the program.

PREFIX	NO	SHORT TITLE	CR HRS
ANAT	201	Fundamentals of Human Anatomy	3
AQUA	260	Emergency Medical Responder	3
AT	196	Intro to Athletic Training	2
	240	Prevention and Care of Injury	3
	250	App of Taping in AT	1
	260	Clinical Education in AT 1	2
	261	Clinical Education in AT 2	2
	360	Clinical Education in AT 3	2
	361	Clinical Education in AT 4	2
	370	Lower Ext Ortho Eval in AT	3
	371	Upper Ext Ortho Eval in AT	3
	372	Therapeutic Modalities in AT	3
	373	Therapeutic Exercise in AT	3
	374	Org and Admin of AT	3
	460	Clinical Education in AT 5	2
	461	Clinical Education in AT 6	2
	477	Psych Aspects Spts Medicine	3
	494	Clinical Integration in AT	1
	495	Med and Pharm Aspects of AT	4
	497	Clinical Decision Making in AT	2
CHEM	100	People and Chemistry (3)	
		or	
	101	Gen, Org, Biochem/Hlth Sci (5)	
		or	
	111	General Chemistry 1 (4)	3-5
EXSC	201	Physical Fitness Assessment	3
	293	Found Physiology and Exercise	3
	294	Anatomical Kinesiology	3
	301	Fund of Exercise Prescription	3
FCFN	340	Prin of Human Nutrition	3
	444	Sports Nutrition & Weight Ctrl	3
PHYS	205	Fund of Hum Phys	3

73-75 hrs

Recommended electives: AT 496; BIO 111; EXSC 320, 329, 493; HSC 398, 465, 467; NUR 101; PHYC 110; PSYS 241.

EXERCISE SCIENCE MAJOR IN PHYSICAL EDUCATION, 59-82 hours

Concentration 2: Aquatics, 59 hours

Core requirements, 15 hours

AQUA	190	Introduction to Aquatics	3
	479	Aquatics Internship	12

15 hrs

Required courses, 34 hours			
AQUA	216	Lifeguard Training	3
	260	Emergency Medical Responder	3
	313	Biomechanics of Aquatics	2
	315	Water Safety Instructor (WSI)	3
	316	Aquatic Fitness Instructor	3
	404	Lifeguard Instructor (LGI)	3
	454	Pool Operations and Maint	3
	455	Aquatic Facilities Management	3
	457	Aquatic Facility Design	2
	458	Aquatic Leadership Development	3
EXSC	292	Anatomy	3
	294	Anatomical Kinesiology	3
			34 hrs

Directed electives, 10 hours from			
AQUA	120	Aquatics Special Topics (1-3)	
	212	Aquatic Recreation Activities (3)	
	219	Aquatic Sports Officiating (1)	
	220	Open Water Scuba (2)	
	221	Advanced SCUBA Diver (2)	
	224	Divemaster (2)	
	225	Assistant SCUBA Instructor (2)	
	301	Instructor of CPR & First Aid (2)	
	314	Teach/Coach Swimming & Diving (3)	
	456	Camp Waterfront Administration (2)	10
			59 hrs

Aquatic major students may not earn aquatic minors.

**MASTER OF ARTS IN APPLIED GERONTOLOGY,
36 hours**

Admission requirements

Applicants must meet the admission requirements of the Graduate School. A grade-point average (GPA) of 3.0 on a scale of 4.0, a combined score of 300 on the verbal and quantitative sections of the Graduate Record Examination (GRE), and/or approval of the program director for gerontology are required for acceptance into the program.

Degree requirements

The minimum requirement for the degree is 36 hours, including a core of gerontology courses, a research experience, and electives in related areas.

PREFIX	NO	SHORT TITLE	CR HRS
15 hours from			
GERO	535	Aging in Communities	3
	605	Aging Well: A Systems Approach	3
	630	Health Wellness and Aging	3
	635	Adaptations in Later Life	3
	640	Service Learn in Gerontology	3

3-9 hours from			
EDPS	641	Statistical Methods (3)	
RES	697	Research Paper (1-3)	

THES	698	Thesis (1-6)	
WELN	670	Wellness Research Design (3)	3-9
12-18 hours from			
Electives either from Concentration 1 or Concentration 2			
<i>Concentration 1—Aging well electives, 12-18 hours</i>			
GERO	540	Women and Aging (3)	
	598	Seminar in Applied Gerontology (3)	
	610	Public Policy and Aging (3)	
	620	Guided Life Review (3)	
	625	Changing Hlth Wlms Behaviors (3)	
	641	Pract Applic Geron Programming (3)	
	699	Internship in Gerontology (1-6)	
FCFN	652	Geriatric Nutrition (3)	
PHYS	515	Physiology of Aging (3)	
WELN	680	Eval Hlth and Wlms Initiatives (3)	12-18

Concentration 2—Aging management electives, 12-18 hours

ACC	501	Financial Accounting (3)	
BL	560	Survey of Business Law (3)	
ECON	509	Survey of Economics (3)	
	662	Health and Economics (3)	
FIN	500	Corporation Finance (3)	
GERO	515	Technology in Aging (3)	
	598	Seminar in Applied Gerontology (3)	
MGT	500	Managing Org Behavior (3)	
MKG	505	Survey of Marketing (3)	
WELN	605	Wellness Management Admin (3)	
	645	Social Mkg in Wlms Mgmt Prac (3)	
	665	Tech and Media for Wlms Mgrs (3)	
	680	Eval Hlth and Wlms Initiatives (3)	12-18

36 hrs

The course work for the degree in applied gerontology may be completed in less than two years or it may be combined with another degree program in order to obtain a double major. For example, a student in an MA program in adult education, biology, counseling, physical education and sport, wellness management, etc. may take the core course requirement in gerontology and then apply related electives and internship experience to a degree in applied gerontology.

The master's degree in applied gerontology is an interdisciplinary degree that provides the student with a broad-based overview of aging, as well as more focused training in a selected area of study. Faculty from wellness, health sciences, educational psychology, sociology, counseling, physical education, nutrition, nursing, and other disciplines teach a variety of courses on special issues in aging and in serving an older population.

Educational programs are focused on three levels: exposure to information about processes of aging and the needs of an aging society for a wide variety of students and the general public; proficiency training of professionals and other service providers who are involved with serving older adults; and the development of expertise for professionals who are planning to specialize in geriatric services.

Research programs center on two aspects of gerontology: interdisciplinary studies of the processes of aging and applied research regarding the delivery of services and program evaluation.

The faculty provides consultation, training, and other resources for agencies serving an older clientele and for community groups of older adults.

In addition to the MA degree in applied gerontology, several other options are available for the study of gerontology, including an undergraduate minor, a graduate minor, and a graduate certificate. A curriculum advisor is available to discuss these options with any interested student.

MASTER OF ARTS OR MASTER OF SCIENCE IN WELLNESS MANAGEMENT, 36-39 hours

Admission requirements

Applicants must meet the admission requirements of the Graduate School, have a grade-point average (GPA) of 3.0 on a 4.0 scale, Graduate Record Examination (GRE) scores of at least 300 (quantitative and verbal), and the approval of the program director for Wellness Management. Students who do not meet these standards may be admitted on probation at the discretion of the program director. Students will be removed from academic probation upon successful completion (GPA of 3.0 or higher) of 9 semester hours of approved course work. All students will be required to participate in selected university and community wellness activities as part of the wellness management major.

Students who have not completed an undergraduate major or minor in business and an undergraduate major or minor in a health-related discipline will be required to complete graduate course work in these areas in addition to the core course work. Students without an undergraduate major or minor in business are expected to complete the minor in general foundations of business for wellness majors. Students without an undergraduate major or minor in an approved allied health field will be required to complete at least 6 hours in an approved graduate specialization.

MASTER OF ARTS IN WELLNESS MANAGEMENT, 36 hours

Degree requirements

The requirement for the degree is 36 semester hours for students who have undergraduate majors or minors in business. Students entering the program without this background will be required to complete a minor in general foundations of business through the Miller College of Business. All students complete the wellness core.

<i>PREFIX</i>	<i>NO</i>	<i>SHORT TITLE</i>	<i>CR HRS</i>
Core courses			
WELN	605	Wellness Management Admin	3
	630	Health and Productivity Mgmt	3
	650	Foundations of Wellness	3
	660	Critical Issues Worksite Wlms	3
	670	Wellness Research Design	3
	698	Internship in Wellness Mgmt	6

3 hours from

EDPS	641	Statistical Methods (3)
HSC	687	Stat Theory & Meth in Hlth Sci (3)

RES	697	Research Paper (1-3)	3
Directed electives			12
			<hr/>
			36 hrs

MASTER OF SCIENCE IN WELLNESS MANAGEMENT, 39 hours

The requirement for the degree is 39 semester hours for students who have undergraduate majors or minors in business and a supporting undergraduate major or minor in allied health. Students entering the program without this background will be required to complete a minor in general foundations of business through the Miller College of Business. All students complete the wellness core.

<i>PREFIX</i>	<i>NO</i>	<i>SHORT TITLE</i>	<i>CR HRS</i>
THES	698	Thesis (1-6)	6
WELN	605	Wellness Management Admin	3
	630	Health and Productivity Mgmt	3
	650	Foundations of Wellness	3
	660	Critical Issues Worksite Wlms	3
	670	Wellness Research Design	3
	698	Internship in Wellness Mgmt	6
Directed electives			12
			<hr/>
			39 hrs

The master's degree in wellness management is an interdisciplinary degree that coordinates the university's strong resources to give students comprehensive training in wellness. Faculty from physical education, food and nutrition, psychological sciences, health science, and the Miller College of Business combine knowledge and skills in a well-rounded and challenging curriculum.

ATHLETIC TRAINING (AT)

New:

461 Clinical Education in Athletic Training 6 (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 361 and 370 and 371 and 372 and 373 and 460.

Open only to athletic training majors admitted into the Athletic Training Program.

Revised:

240 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. A

requirement for application to the Athletic Training Program. Lab fee required.

EXERCISE SCIENCE (EXSC)

Revised:

633 Seminar in Exercise Science (1-18) In-depth study of a selected physiological parameter in relation to exercise and the environment. Specific topics include respiratory physiology, fluid-electrolyte balance, muscle physiology, environment, and exercise: one topic per semester.

Prerequisite: permission of the program coordinator.

A total of 18 hours of credit may be earned.

698 Internship in Exercise Program (1-6) Provides practical experiences in physical fitness and clinical assessments and in exercise programming in both health/fitness and clinical environments.

Prerequisite: permission of the program coordinator.

A total of 6 hours of credit may be earned.

699 Independent Study (1-6) Designed for students who wish to conduct independent study in exercise science.

Prerequisite: permission of the program coordinator.

A total of 6 hours of credit may be earned.

PHYSICAL EDUCATION: PROFESSIONAL (PEP)

Revised:

444 Developing the Health and Physical Education Classroom Environment (3) Focus will be on developing a classroom environment that cultivates optimal learning. This will include strategies in the areas of discipline, organization, management, engagement, and other needs in today's health and physical education classrooms.

Prerequisite: PEP 161, 209, and 394; meet decision point 2 requirements; or by permission of the coordinator.

Open only to health and physical education teacher education majors.

PHYSICAL FITNESS/WELLNESS (PFW)

New:

161 Physical Fitness and Wellness Activity (1) Limited to distance education students with special situations (e.g., completing Associate Degree, received transfer credit). It is designed to provide the activity component of the Physical Fitness and Wellness Course. Offered on-line only.

Prerequisite: permission of the PFW coordinator.

Not open to students who have credit in PFW 100, 101, 102, 103, 104, 105, 117, 148, 160, 162, and 217.

162 Physical Fitness and Wellness Lecture (1) Limited to distance education students, students with special situations (e.g., received transfer credit, military credit). It is designed to

provide the lecture component of the Physical Fitness and Wellness Course. Offered on-line only.

Prerequisite: permission of the PFW coordinator.

Not open to students who have credit in PFW 100, 101, 102, 103, 104, 105, 117, 148, 160, 161, and 217.

Revised:

100 Physical Conditioning (2) Designed to develop physical fitness through twice weekly activity sessions. Focuses on a combination of muscular endurance/strength and cardiorespiratory endurance through the use of a variety of equipment commonly found in a commercial fitness facility. Includes one hour of lecture weekly containing a common core of knowledge concerning fitness and wellness.

Not open to students who have credit in PFW 101, 102, 103, 104, 105, 117, 148, 160, 161, 162, 217.

101 Physical Fitness and Wellness Activity (1) Designed to develop physical fitness through twice weekly aerobic activity sessions. May select physical conditioning, walking, jogging, aerobics, water aerobics, or swimming. Completes the PFW requirement for associate degree students.

Prerequisite: permission of the PFW coordinator.

Not open to students who have credit in PFW 100, 103, 104, 105, 117, 148, 160, 161, 162, 217.

Open only to associate degree students or students who have received transfer credit.

102 Physical Fitness and Wellness Lecture (1) Includes one hour of lecture weekly containing a common core of knowledge concerning fitness and wellness. Completes the PFW two-hour requirement for associate degree students pursuing a baccalaureate degree.

Prerequisite: PFW 101; permission of the PFW coordinator.

Not open to students who have credit in PFW 100, 103, 104, 105, 117, 148, 160, 161, 162, 217.

Open only to associate degree students or students who have received transfer credit.

103 Walking (2) Designed to develop physical fitness through twice weekly aerobic walking sessions. Includes one hour of lecture weekly containing a common core of knowledge concerning fitness and wellness.

Not open to students who have credit in PFW 100, 101, 102, 104, 105, 117, 148, 160, 161, 162, 217.

104 Jogging (2) Designed to develop physical fitness through twice weekly jogging sessions. Includes one hour of lecture weekly containing a common core of knowledge concerning fitness and wellness.

Not open to students who have credit in PFW 100, 101, 102, 103, 105, 117, 148, 160, 161, 162, 217.

105 Adapted Physical Fitness and Wellness (2) Designed to enable a student with an impairment or disability to complete the PFW requirement. Special adaptations in activities will be made to accommodate the student. Includes one hour of lecture weekly containing a common core of knowledge concerning physical fitness, health, and other related wellness topics. Lecture and all activity choices should be coordinated

with the Program Coordinator of Physical Fitness and Wellness.

Not open to students who have credit in PFW 100, 101, 102, 103, 104, 117, 148, 160, 161, 162, 217.

Open only to students with disabilities.

117 Water Aerobics (2) Designed to develop physical fitness through twice weekly water aerobics sessions. Ability to swim is not required. Includes one hour of lecture weekly containing a common core of knowledge concerning fitness and wellness.

Not open to students who have credit in PFW 100, 101, 102, 103, 104, 105, 148, 160, 161, 162, 217.

148 Aerobics (2) Designed to develop physical fitness through twice weekly aerobic activity sessions. Includes one hour of lecture weekly containing a common core of knowledge concerning fitness and wellness.

Not open to students who have credit in PFW 100, 101, 102, 103, 104, 105, 117, 160, 161, 162, 217.

160 Physical Fitness and Wellness (2) Limited to distance education students or students with special situations. Designed to provide both activity and lecture components of the Physical Fitness and Wellness course. Offered on-line only.

Not open to students who have credit in PFW 100, 101, 102, 103, 104, 105, 117, 148, 161, 162, 217.

217 Swimming (2) Designed to develop physical fitness through twice weekly endurance (lap) swimming sessions. Includes one hour of lecture weekly containing a common core of knowledge concerning fitness and wellness.

Prerequisite: ability to swim at the intermediate level is required and successful completion of an entry-level skill test.

Not open to students who have credit in PFW 100, 101, 102, 103, 104, 105, 117, 148, 160, 161, 162.

Department of Technology

Correction (per Department of Technology):

MAJOR IN COMPUTER TECHNOLOGY, 76 hours

Business administration minor, 18 hours

6 hours from (choose 2)

Replace: MGT 261 Personnel and Supervision (3)

With: MGT 361 Managing Human Resources (3)

MINOR IN BUSINESS ADMINISTRATION, 18 hours

Management

Remove: MGT 271 Intro Organizational Behavior (3)

Revised:

MINOR IN INDUSTRIAL LEADERSHIP, 18 hours

PREFIX	NO	SHORT TITLE	CR HRS
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MGT	361	Managing Human Resources	3
	300	Managing Behavior in Org	3
TDPT	360	Industrial Safety and Health	3
	390	Training and Devel in Industry	3
TMFG	161	Intro Manufacturing Industries	3
		Approved technical elective	3
			18 hrs

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:

- Hold one (1) of the following licenses:
 - 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.
 - 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.
 - A Proficient or Accomplished Practitioner License in Building Level Administrator, Superintendent, Director of Curriculum and Instruction, or Director of Exceptional Needs.
 - A Proficient or Accomplished Practitioner license that includes the content area of Business or Technology education.
- Successfully complete the content for director of career and technical education.
- 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.

PREFIX	NO	SHORT TITLE	CR HRS
EDAC	631	Adult and Community Education (3)	
		or	
	632	Org Ad/Comm Ed Progs (3)	
EDAD	600	Intro to Ed Leadership (3)	
	685	Fiscal Mangmnt of Ed Agencies (3)	
	692	Inservice Workshop in Ed (6)	

SPCE	637	Org & Admin of Spec Ed (3)	18
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 Philosophy 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: CONSTRUCTION TECHNOLOGY (TCST)

Revised:

697 Independent Study in Construction Management (1-3)

Advanced academic project directed by a construction management faculty member. Written proposal must be approved by program director prior to term of study.

A total of 3 hours of credit may be earned.

698 Advanced Topics in Construction Management (1-3)

Advanced study of special topics in construction management.

A total of 3 hours of credit may be earned.

TECHNOLOGY: EDUCATION (TEDU)

Revised:

600 Special Topics (1-3) The title and description are determined for each offering, allowing students to engage in relevant investigations in the changing field of technology.

Prerequisite: permission of the department chairperson.

A total of 3 hours of credit may be earned.

COLLEGE OF ARCHITECTURE AND PLANNING

Department of Urban Planning

URBAN PLANNING (PLAN)

Revised:

693 Customized Area of Study in Urban Planning (1-9)

Student-customized area of concentrated study (ACS) under the approval and supervision of the faculty. The area may include independent study (PLAN 590 Independent Study in Planning), several courses within the department, and the completion of courses of study in disciplines other than urban planning. (Includes study courses in one of the program's three areas of concentrated study, completing the required 12 credit hours of study in the selected, customized ACS).

A total of 9 hours of credit may be earned.

MILLER COLLEGE OF BUSINESS

Revised:

MAJOR IN INTERNATIONAL BUSINESS, 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 in MATH 132, 161, 162, 165, or 166. MATH 132 simultaneously substitutes for the University Core Curriculum math requirement. The prerequisite for ISOM 135 is ISOM 125 or equivalent.

Students should consult the international business program administrator to receive lists of approved functional and international studies/culture courses.

BUSINESS ADMINISTRATION (BUSA)

Revised:

369 Internship in Business Administration (1-3) Under a Miller College of Business approved and supervised program, business administration majors work as interns for business firms, governmental agencies, or other types of organizations. Requires reporting and/or other educational activities.

Prerequisite: permission of the department chairperson or internship coordinator.

A total of 3 hours of credit may be earned.

Open only to business administration majors.

Department of Economics

Revised:

MAJOR IN ECONOMICS, LIBERAL ARTS CONCENTRATION, 33-40 hours

PREFIX	NO	SHORT TITLE	CR HRS
Liberal arts core requirements, 18-19 hours			
ECON	201	Elementary Microeconomics	3
	202	Elementary Macroeconomics	3

	301	Intermediate Microeconomics	3
	302	Intermediate Macroeconomics	3
	221	Business Statistics (3)	
	or		
MATH	321	Mathematical Statistics (4)	3-4
MATH	132	Brief Calculus	3
			<hr/>
			18-19 hrs

Complete general or one concentration

General, 15 hours

9 hours from
300-400-level ECON electives 9

6 hours from
300-400-level ECON

	or		
ACC	201	Principles of Accounting 1 (3)	
	202	Principles of Accounting 2 (3)	
FIN	300	Principles of Finance (3)	
	320	Financial Markets 1 (3)	6
			<hr/>
			33-34 hrs

Economics and law concentration, 21 hours

ECON	346	Law and Economics	3
PHIL	200	Logic	3
POLS	130	American National Government	3

6 hours from

ECON	310	Amer Econ Hist 2: 1860-1990 (3)	
	311	Environmental Economics (3)	
	331	Labor Economics (3)	
	332	Labor Relations and Law (3)	
	345	Public Finance (3)	
	351	International Economics (3)	
	370	Industrial Organization (3)	6

6 hours from
300-400 level ECON

	or		
BL	260	Principles of Business Law (3)	
	363	Uniform Commercial Code (3)	
CJC	250	Introduction to Courts (3)	
	350	Criminal Evidence (3)	
	351	Criminal Law (3)	
POLS	210	Pol Sci Res Methods (3)	
	340	Intro to Law & Enforce (3)	
	347	Environmental Law and Policy (3)	
	443	American Constitutional Law (3)	
	444	Constitutional Liberties (3)	
	455	Administrative Law (3)	6
			<hr/>
			39-40 hrs

Financial economics concentration, 21 hours

ECON	424	Introduction to Econometrics (3)	
	or		
MATH	428	Regression Time Series Models (3)	3

ACC	201	Principles of Accounting 1	3
	202	Principles of Accounting 2	3
	301	Intermediate Accounting 1	3
FIN	300	Principles of Finance	3
FIN	310	Investments 1 (3)	
	or		
MATH	454	Mathematics of Investments (3)	3

3 hours from

ACC	302	Intermediate Accounting 2 (3)	
ECON	441	The Theory of Monetary Policy (3)	
FIN	301	Intermediate Finance (3)	
	410	Investments 2 (3)	3
			<hr/>
			39-40 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 in MATH 132, 161, 162, 165, or 166. MATH 132 simultaneously substitutes for the University Core Curriculum math requirement. Proficiency in computer skills may be demonstrated by examination, or credit in ISOM 125 or CS 104 or its equivalent. 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 Marketing and Management

Revised:

MAJOR IN ENTREPRENEURIAL MANAGEMENT, 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 in MATH 132, 161, 162, 165, or 166. MATH 132 simultaneously substitutes for the University Core Curriculum math requirement. The prerequisite for ISOM 135 is ISOM 125 or equivalent.

MANAGEMENT (MGT)

Revised:

695 Advanced Topics in Management (1-9) Exploration of advanced topics in management of interest to faculty and students.

Prerequisite: permission of the department chairperson.

A total of 9 hours of credit may be earned.

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

MARKETING (MKG)

New:

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.

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

Not open to marketing minors who have credit in MKG 369.

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.

A total of 3 hours of credit may be earned.

Not open to marketing minors who have credit in MKG 495, 497, or 498.

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.

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

Not open to marketing minors who have credit in MKG 369.

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.

Not open to marketing minors who credit in MKG 369.

Open only to marketing majors and minors.

COLLEGE OF COMMUNICATION, INFORMATION, AND MEDIA

Department of Communication Studies

Revised:

MAJOR IN COMMUNICATION STUDIES, 51 hours

PREFIX	NO	SHORT TITLE	CR HRS
Common core requirements, 21 hours			
COMM	201	Exploration of Comm Studies	2
	220	Argumentation and Debate	3
	240	Introduction to Human Comm	3
	290	Intercultural Communication	3
	320	Persuasion	3
	360	Communication Theory	3
	375	Presentational Communication	3
	401	Comm Studies Senior Seminar	1

Public communication concentration, 30 hours

COMM	310	Communication and Democracy	3
	322	Comm and Popular Culture	3
	385	Rhet of Marginalized Voices	3
	412	Rhetorical Theory & Criticism	3
	425	Speechwriting	3
	450	Rhetoric & Activism	3

Directed electives

9 hours from COMM other than COMM 210, 475 9

3 hours from

AHS	264	Film Analysis (3)	
ANTH	342	American Culture (3)	
ENG	213	Intro to Digital Literacies (3)	
	328	Language and Gender (3)	
	425	Film Studies (3)	
	435	Issues in Rhet & Writing (3)	
HSC	180	Principles of Community Health (3)	
HIST	240	Introduction to Public History (3)	
	301	The US and the Vietnam War (3)	
PHIL	200	Logic (3)	
	202	Ethics (3)	
	203	Social Philosophy (3)	
POLS	475	Minority Group Politics (3)	
SOC	221	Intro Race & Ethnic Relations (3)	
	235	Sociology of Women (3)	
	242	Social Problems (3)	3

51 hrs

MINOR IN CAMPAIGN COMMUNICATION, 24 hours

PREFIX	NO	SHORT TITLE	CR HRS
COMM	320	Persuasion	3
	404	Political Communication	3
	412	Rhetorical Theory & Criticism	3
JOUR	101	Media and American Society	3
	250	Introduction to Advertising	3
POLS	372	Political Campaigns	3
	375	Media and Politics	3

3 hours from

COMM	310	Communication and Democracy (3)
	322	Comm and Popular Culture (3)

	375	Presentational Communication (3)	
	385	Rhet of Marginalized Voices (3)	
	425	Speechmaking (3)	
	479	Practical Experience (1-3)	
JOUR	261	Principles of Public Relations (3)	
POLS	370	Pub Opinion & Pol Behavior (3)	
	473	American Political Parties (3)	3
			<hr/>
			24 hrs

COMMUNICATION STUDIES (COMM)

Correction (per Department of Communication Studies):

420 Classical Rhetorical Theory (3)

Reinstate course dropped in error.

Center for Information and Communication Sciences

INFORMATION AND COMMUNICATION SCIENCES (ICS)

Revised:

655 Special Problems Seminar (3) Addresses varied problems related to operating organizations in the twenty-first century. Through case studies, students explore business issues, problems in using technologies in evolving areas and in new businesses. Topics vary with each offering.

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

Department of Journalism

Correction (per Department of Journalism):

Pending ICHE approval

MASTER OF ARTS IN EMERGING MEDIA DESIGN AND DEVELOPMENT, 36-42 hours

PREFIX	NO	SHORT TITLE	CR HRS
EMDD	600	Usability & Eval Res Meth	3
	610	Theory & Frameworks HCI	3
	620	Viz Com & Design Think	3
	630	Nonlinear & Interact Story	3
	640	Transmedia Story & Publish	3
	650	Interact Media Design & Dev	3
	660	Applied Research Lab	3-9
	670	Creative Project Lab	3-9

Choose one group

CRPR	698	Creative Project (3 or 6)	6
THES	698	Thesis (1-6)	6
CRPR	698	Creative Project (3 or 6)	
THES	698	Thesis (6)	9-12

36-42 hrs

Students will choose one of three options for a culminating project: CRPR (6), THES (6), or CRPR (3 or 6) with a THES (6). The CRPR will be completed in the EMDD 670 Creative Project Lab, the THES will be completed in the EMDD 660 Applied Research Lab, and the dual culminating project CRPR and THES would be completed in the respective EMDD 670 Creative Project Lab and EMDD 660 Applied Research Lab.

Revised:

CERTIFICATE IN JOURNALISTIC VISUAL PRESENTATION, 15 hours

PREFIX	NO	SHORT TITLE	CR HRS
JOUR	234	Design 1	3
	241	Design 2	3
	242	Programming Interactive Media	3
	320	Media Art Dir Creative Process	2
	323	Magazine Design	3
	496	Creative Project: Graphics (1-6)	1

15 hrs

Enrollment in the certificate is limited to students who have a major in advertising or public relations, or to those who have permission of the journalism department chairperson.

EMERGING MEDIA DESIGN AND DEVELOPMENT (EMDD)

Correction (resolution to demurrer):

600 Usability and Evaluation Research Methods (3)

Explores usability principles for digital interactive communication content (e.g., news, information, strategic communication, transmedia storytelling). Students learn how to collect user requirements for new media content systems, core usability and user experience principles, usability testing processes and data analysis, iterative testing principles and processes, and techniques for development of usable interactive content communication systems. Principles of design research and visual communication are discussed in the context of interaction design, cognition and user behavior, and concept validation.

Open only to CCIM graduate students or with graduate director permission.

610 Theories and Frameworks in Human-Computer Interaction (3) Survey of human computer interaction theory. Students learn about the cognitive, behavioral, and social aspects of users and contexts of use within an interactive communication content (e.g., news, information, strategic

communication, transmedia storytelling). Students explore design and development models commonly used in the design of interactive systems, such as lifecycle models and contextual inquiry, to develop strategic, interactive content.

Open only to CCIM graduate students or with graduate director permission.

620 Visual Communication and Design Thinking (3)

Explores interaction design from two perspectives. First, students learn and apply core aesthetic design principles, including color, type, layout, structure, hierarchy and form. Second, students learn and practice user experience and communication design principles, such as intuitive interaction paradigms, effective navigation pathways, and understanding users. Students apply these perspectives to real-world problems with design thinking, especially as it relates to media consumption, communication design, and information and strategic message dissemination.

Open only to CCIM graduate students or with graduate director permission.

630 Nonlinear and Interactive Storytelling (3) Explores principles of nonlinear storytelling and non-traditional narrative architectures and experiences. Introduces students to frameworks for interactive storytelling. Students will learn these basic principles through applied communication design, and explore the design process for testing and creating narrative experiences that rely upon user interaction.

Open only to CCIM graduate students or with graduate director permission.

650 Interactive Media Design and Development (3)

Introduction to prototyping tools and other resources for developing new interactive content communication systems, Web communication tools and digital interfaces for communication distribution. Students will learn methods for designing and prototyping graphic user interfaces, including rapid (paper) and dynamic (interactive) prototypes. Students will learn how to transform an information or strategic communication concept to a prototype and then to a working system.

Open only to CCIM graduate students or with graduate director permission.

660 Applied Research Lab (3-9) Conduct research that addresses projects developed in the Creative Projects and Development lab and supports EMDD faculty research endeavors. Research may include iterative usability studies during design and development phases and/or summative research that generates new knowledge in fields related to those with an emphasis on strategic information and communication design. Students work closely with the Applied Research Lab director to determine appropriate research methods for projects, develop and submit research protocols for IRB approval, recruit participants for and conduct user studies, analyze and report results, and write and submit research papers for publication in academic journals and/or trade publications focused on innovative content dissemination strategies and communication design.

A total of 9 hours of credit may be earned.

Open only to CCIM graduate students or with graduate director permission.

670 Creative Project Lab (3-9) Design and develop novel story forms, interactive systems, news platforms, multimedia apps, and other digital assets in the field of emerging media and communication design. Projects follow accepted communication design models and will use contextual design and inquiry, human factors research, and user-centered design models as applied to communication design. All projects adhere to a research-informed process, in collaboration with EMDD 660 Applied Research Lab, that provides designers and developers feedback for making design improvements at key points along the way. Project teams may include a variety of skill sets, including writers, editors, graphic designers, photographers, and others as appropriate to the project.

A total of 9 hours of credit may be earned.

Open only to CCIM graduate students or with graduate director permission.

JOURNALISM (JOUR)

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)

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

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.

Open only to students pursuing a major in advertising or 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.

Open only to students pursuing a major in advertising or public relations or a minor in campaign communication.

NEWS (NEWS)

Revised:

221 Journalistic Storytelling: Covering Issues (3) Developing issue-based news stories from idea to final presentation using traditional and emerging media technologies. Emphasis on topics related to the community, government, and the courts.

Prerequisite: NEWS 120, 121, 122, and successful completion of a departmental language usage proficiency exam or permission of the journalism department chairperson.

Open only to students in a journalism department program

and students in the telecommunications news concentration.

233 Multimedia: Reporting (3) Development of multimedia reporting skills with an emphasis on the continuous update format and packaging stories for various platforms. Production of integrated news or feature stories for varied media.

Prerequisite: JOUR 103; NEWS 131, 132, 133, and 221 for journalism and telecommunication majors; or NEWS 105 and 221 or 229 for students enrolled in the emerging media journalism certificate.

Open only to students in a journalism department program and students in the telecommunications news concentration.

221	Storytelling: Covering Issues	3
233	Multimedia: Reporting	3
240	Current Issues 1	1
270	Audience Analysis: Communities	1
315	News Editing	2
340	Current Issues 2	1
370	Audience Analysis: Operations	1
397	Immersion: Special Topics (3-9)	3
409	Fndtns Ethical Legal Issues	2

38 hrs

Department of Telecommunications

Revised:

MAJOR IN TELECOMMUNICATIONS, 45-57 hours

The news concentration is a joint program of the telecommunications and journalism departments. TCOM students choosing the news concentration should meet with a faculty advisor in journalism or telecommunications during their first semester in the program. Students also are required to attend an orientation during the first year of study and complete an exit interview with the appropriate department coordinator during their final semester. Pre-telecommunications core courses are not required of TCOM students choosing the news concentration.

Students must earn a grade of C (2.0) or above in all courses required in news, including all prerequisites. Prerequisites for all courses are strictly enforced. Before enrolling in NEWS 120, 121, or 122, students must successfully complete the language usage proficiency examination (LUPE). Successful completion of this examination does not satisfy the University Core Curriculum Writing Proficiency Program requirement.

News students must earn a minimum of 72 credit hours in courses outside the departments of journalism and telecommunications (JOUR, NEWS, and TCOM). News students also are required to complete four semesters or the equivalent of a single modern or classical language.

PREFIX NO SHORT TITLE CR HRS

News concentration, 38 hours

CCIM	210	Professional Development	1
ECON	247	Econ & Stats for the Media	3
JOUR	101	Media and American Society	3
	103	Introduction to Visual Comm	3
NEWS	105	Journ Storytelling: Intro	2
	108	Fndtns Great Storytellers	1
	109	Fndtns Ethic Legal Principles	1
	120	Newsgathering: Research	1
	121	Newsgathering: Interviewing	1
	122	Storytelling: Covering Events	1
	131	Multimedia: Stills	1
	132	Multimedia: Audio	1
	133	Multimedia: Video	1
	197	Immersion: Student Media	1

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

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

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

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

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

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

57 hrs

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

NEWS (NEWS)

Revised:

221 Journalistic Storytelling: Covering Issues (3)

Developing issue-based news stories from idea to final presentation using traditional and emerging media

technologies. Emphasis on topics related to the community, government, and the courts.

Prerequisite: NEWS 120, 121, 122, and successful completion of a departmental language usage proficiency exam or permission of the journalism department chairperson.

Open only to students in a journalism department program and students in the telecommunications news concentration.

233 Multimedia: Reporting (3) Development of multimedia reporting skills with an emphasis on the continuous update format and packaging stories for various platforms. Production of integrated news or feature stories for varied media.

Prerequisite: JOUR 103; NEWS 131, 132, 133, and 221 for journalism and telecommunication majors; or NEWS 105 and 221 or 229 for students enrolled in the emerging media journalism certificate.

Open only to students in a journalism department program and students in the telecommunications news concentration.

TELECOMMUNICATIONS (TCOM)

Revised:

326 Presentation Techniques (2) Exploration of techniques used to enhance vocal and on-camera presentation across multiple media platforms.

Prerequisite or parallel: TCOM 324.

Open only to students in the telecommunications news concentration or a journalism department program.

357 Special Topics in Film and Media Studies (3-6)

Overview of current theoretical discussions related to the aesthetic, social, historical, and/or industrial state of film and media. Students will utilize research and critical reading skills by producing essays designed to develop skills in scholarly 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.

A total of 6 hours of credit may be earned.

Open only to approved telecommunications majors and minors.

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: pre-telecommunications core courses with C (2.0) or better grades in each, and a 2.5 grade-point average for these courses; permission of the department chairperson.

A total of 6 hours of credit may be earned.

Open only to approved telecommunications majors and minors.

426 Electronic News Producing (2) Development and production of a live, full-service newscast on deadline with an emphasis on teamwork. Includes the gathering, writing, organizing and presenting of a news program across multiple platforms and for specific audiences. Evaluation of professional and student newscasts for substance and style.

Prerequisite: NEWS 221.

Open only to students in the telecommunications news concentration or a journalism department program.

497 Immersion 2 (1-6) Student-driven team immersive experience involving telecommunications, supervised by department faculty member. Team produces tangible outcome or product of benefit to campus, local, national, or international community.

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

A total of 6 hours of credit may be earned.

Open only to approved telecommunications majors and minors.

670 Special Projects (1-2) Enables students to pursue the ongoing development of storytelling projects. Emphasizes writing and producing digital stories. Projects will require a faculty advisor.

Prerequisite: TCOM 601; permission of the program coordinator.

A total of 2 hours of credit may be earned.

COLLEGE OF FINE ARTS

Department of Art

ART: CRAFTS (ACR)

Revised:

531 Advanced Glass (3-6) Advanced graduate-level study in studio glass.

A total of 9 hours of credit may be earned, but no more than 6 in any one semester or term.

631 Glass Studio (3-6) Graduate supervised, time-intensive graduate level problems in glass defining aesthetic and technical directions for the professional artist. Bi-weekly meetings and exhibition of artwork required for final assessment.

Prerequisite: ACR 531 (6 total hours).

A total of 9 hours of credit may be earned, but no more than 6 in any one semester or term.

ART (ART)

Revised:

511 Advanced Animation (3-6) Advanced animation may include narrative and/or non-narrative approaches and focus on the principles of animation, story development, and pre-visualization through animatics. Students will use a wide variety of mediums.

A total of 9 hours of credit may be earned, but no more than 6 in any one semester or term.

611 Animation Studio (3-6) Graduate supervised, time intensive graduate-level problems in animation defining aesthetic and technical directions for the professional artist. Bi-weekly meetings and exhibition of artwork required for final assessment.

Prerequisite: ART 511 (6 total hours).

A total of 9 hours of credit may be earned, but no more than 6 in any one semester or term.

MATH	181	Elementary Probability Stats (3)	
		or	
BIO	448	Biometry (3)	3
PHYC	110	General Physics 1	4
PHYS	205	Fund of Hum Phys	3
			<hr/>
			54 hrs

COLLEGE OF SCIENCES AND HUMANITIES

Interdepartmental Programs

SCIENCE

New:

MINOR IN GENERAL SCIENCE, 36-38 hours

PREFIX	NO	SHORT TITLE	CR HRS
ASTR	120	The Sun and Stars	3
BIO	111	Principles of Biology 1	4
	112	Principles of Biology 2	4
CHEM	111	General Chemistry 1	4
	112	General Chemistry 2	4
GEOL	101	Planet Earth Geol Environment	3
	201	Earth Life and Time	3
PHYC	110	General Physics 1 (4)	
	or		
	120	General Physics 1 (5)	4-5
	112	General Physics 2 (4)	
	or		
	122	General Physics 2 (5)	4-5
EDJH	385	Prin of Tchng in Mid Schl	3
			<hr/>
			36-38 hrs

Revised:

TEACHING MAJOR IN LIFE SCIENCE (Grades 5-12), 54 hours

PREFIX	NO	SHORT TITLE	CR HRS
ANAT	201	Fundamentals of Human Anatomy	3
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
	313	Microbiology	4
	440	Evolution	3
CHEM	111	General Chemistry 1	4
	112	General Chemistry 2	4
	231	Organic Chemistry 1	4

SENIOR HIGH, JUNIOR HIGH/MIDDLE SCHOOL EDUCATION PROGRAM

PREFIX NO SHORT TITLE CR HRS

Professional education sequence, 39 hours

SCI	150	Bsc Con in Science Education	3
	295	Intro to the Teaching of Sci	3
	396	Using Sci Methods & Mats	3
EDFO	420	Soc, Hist, Phil Found of Ed	3
EDMU	205	Intro to Multicul Ed	3
EDPS	251	Development Secondary	3
	390	Educational Psychology	3
EDSE	320	Read Div Sec Cont Class	3
	380	Princ of Tchng in Sec School	3
	460	Student Tchng: Sec Schl	7
	465	Elective Student Teaching (3 or 5)	5
			<hr/>
			39 hrs

See Professional Education Assessment/Decision Points, p. 374, for additional information.

Department of Anthropology

ANTHROPOLOGY (ANTH)

Revised:

540 Anthropological Field Trip (6) Exposes students to lifeways of groups outside mainstream society whose lives and communities are significantly shaped by the policies of the larger society. Can be used for trips in various subfields of anthropology when appropriate.

Prerequisite: permission of the instructor.

A total of 6 hours of credit may be earned. No hours will count towards the research focus area.

690 Independent Study in Anthropology (1-3) Topics to be chosen and investigated in consultation with the instructor with special competence in the subject involved.

Prerequisite: permission of the department chairperson.

A total of 3 hours of credit may be earned. No hours will count towards the research focus area electives.

696 Internship in Anthropology (3-6) On-the-job experience practicing anthropology for a period of five to ten weeks with an institution or agency.

A total of 6 hours of credit may be earned. No hours will count towards the research focus area electives.

Department of Biology

BIOLOGY (BIO)

Revised:

501 Developments in Modern Biology (3-9) Stresses recent discoveries in biology and integrates and enhances understanding of basic principles of the discipline.

A total of 9 hours of credit may be earned.

628 Readings in Biology (1-6) Directed readings for majors in biology. Individualized program of readings developed under the supervision of a faculty member.

Prerequisite: permission of the department chairperson.

A total of 6 hours of credit may be earned.

629 Seminar in Biology (1-10) Review and discussion of the literature related to selected topics of current interest in biological research.

Prerequisite: permission of the department chairperson.

A total of 2 hours of credit may be earned toward a Master's degree and a total of 10 hours of credit may be earned toward a doctoral degree, but no more than 1 in any one semester or term.

Department of Chemistry

CHEMISTRY (CHEM)

Revised:

673 Seminar in Chemistry (1) Critical examination and discussion of recent experimental and theoretical developments in chemistry.

Prerequisite: CHEM 400 or 500; permission of the department chairperson.

A total of 4 hours of credit may be earned, but no more than 1 in any one semester or term.

690 Contemporary Instruction and Curricula in Chemistry (3) Designed to make the inservice chemistry teacher familiar with management of large-group instruction, development and implementation of multimedia materials in instructional schemes, use of videotape in the laboratory, and facility design for modular and other systems. Field trips to nearby schools to study facility design may be included. Two hours of lecture weekly.

Prerequisite: permission of the department chairperson.

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

773 Chemistry and Chemical Education Seminar (1) In-depth analyses of recent trends and developments in chemistry or chemical education. Seminar participants report on assigned topics to departmental groups.

Prerequisite: permission of the department chairperson.

A total of 6 hours of credit may be earned, but no more than 1 in any one semester or term.

Department of Computer Science

COMPUTER SCIENCE (CS)

Revised:

539 Current Topics (3-6) In-depth study of a topic taught in a seminar format. Topics will be posted in the department before registration.

A total of 6 hours of credit may be earned.

629 Special Topics (1-6) Special topics in computer science for non-CS graduate students. Topics will be posted by the department prior to registration.

A total of 6 hours of credit may be earned.

639 Seminar in Computer Science (3-6) Readings and conferences assigned in some particular problem or group of problems in computer science.

A total of 6 hours of credit may be earned.

699 Reading and Honors (1-6) Special advanced work not offered in other courses. Requirements include a final written report.

Prerequisite: permission of the department chairperson.

A total of 6 hours of credit may be earned.

Department of English

ENGLISH (ENG)

Revised:

609 Indiana Writing Project (1-9) Training in writing, research, and teaching according to the National Writing Project model. Taught by the Indiana Writing Project (IWP) director or codirector assisted by teacher consultants. Applies to a degree only with the department chairperson's permission. The course is not intended to substitute for certification or degree requirements.

Prerequisite: permission after application to the IWP director.

A total of 9 hours of credit may be earned.

690 Seminar in Composition (3) Special research problems in English composition using recognized techniques of research, extensive readings in selected texts, group discussions, and conferences.

Prerequisite: permission of the department chairperson.

A total of 18 hours of credit may be earned, but no more than 3 in any one semester or term.

Department of Geological Sciences

GEOLOGY (GEOL)

Dropped:

450 Geology of Indiana (3)

Revised:

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

Prerequisite: GEOL 240.

Department of History

HISTORY (HIST)

Revised:

529 Colloquium in Latin American History (3) Selected topics in the history of Mexico, the Caribbean, and the Spanish borderlands.

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

549 American Culture Field Studies (3) American culture, its art, economic life, educational systems, geography, history, industry, languages, music, and society. Students will travel through designated areas in North America. Before the trip, considerable reading in various fields pertinent to the course will be required. At the conclusion, papers will be required.

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

Not open to students who have credit in HIST 449.

553 Modern Western Culture (3) Selected studies in the development of cultural and intellectual movements in the fine arts, literature, scholarship, political and economic thought, science, and social reform from the eighteenth century to the present. Emphasizes themes and problems of major significance.

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

569 World Civilizations—Field Studies (3) World civilizations--their history, art, economic life, educational systems, geography, industry, languages, music, and society--through varied travel programs. Advance reading and a summary paper are required to complement each year's travel program.

Prerequisite: permission of the department chairperson.

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

Not open to students who have credit in HIST 469.

623 Special Topics in US, European, or Atlantic World History (3) Investigation of a particular topic, problem, or issue in United States history, European history, or the history

of the Atlantic World, with emphasis on topics, specialties, and material not covered in other courses. Exact content will be announced before each offering.

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

633 Special Topics in Comparative History (3)

Investigation of topics, problems, and issues in comparative history with emphasis on topics, specialties, and material not covered in other courses and which cross traditional geographic and chronological boundaries. Special attention will be devoted to discussion of historiography and current trends in scholarship. Exact content will be announced before each offering.

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

Department of Mathematical Sciences

New:

Pending ICHE approval

CERTIFICATE IN FOUNDATIONAL MATHEMATICS TEACHING IN THE COMMUNITY COLLEGE, 15 hours

PREFIX	NO	SHORT TITLE	CR HRS
MATH	514	Alg Res Elm Mid Fnd Math Teach	3
	519	Quantitative Reason Teachers	3
	631	Technology Mathematics Teach	3
	693	Teaching Math Prob Solving	3
3 hours from			
MATH	517	Num Concepts and Num Thry Teach (3)	
	518	Rat Num Prop El Mid Fnd Ma Tch (3)	
	542	Geo Meas Ele Mid Fnd Math Tch (3)	
	623	Data Probability Teach (3)	3
			15 hrs

Revised:

TEACHING MAJOR IN MATHEMATICS, 47-48 hours

PREFIX	NO	SHORT TITLE	CR HRS
MATH	165	Calculus 1	4
	166	Calculus 2	4
	215	Discrete Systems	4
	217	Linear Algebra	4
	221	Probability and Statistics	3
	250	Advanced Pre-College Math	3
	496	Capstone Math Teaching	3

Complete one concentration

Concentration 1: Middle school, 22 hours

MATH	201	Num Alg Prob Elem Teach	4
	202	Data Geo Meas Elem Teach	3

310	Algebra Elem Mid Scl Teach	3
316	Num Thry Elem Mid Scl Teach	3
360	Geometry Elem Mid Scl Teach	3

393	Teach Mathematics Middle Schl	3
395	Teach Mathematics Secondary	3
Student teaching		12

At least 6 hours from (as approved by advisor)

MATH	251	Intro to Mathematics of Financ (2)	
	267	Calculus 3 (4)	
	311	Algebraic Structures (3)	
	335	Mathematical Models (3)	
	345	Survey of Geometries (4)	
	416	Theory of Numbers (3)	
	460	History of Mathematics (3)	
	470	Intermediate Analysis (3)	6
			<hr/>
			47 hrs

45 hrs
See Professional Education Assessment/Decision Points, p. 374, for additional information.

**CERTIFICATE IN ELEMENTARY MATHEMATICS
TEACHER LEADERSHIP, 15 hours**

PREFIX	NO	SHORT TITLE	CR HRS
MATH	690	Curriculum Instruct Math Ed	3
	693	Teaching Math Prob Solving	3
	697	Math Teacher Leadership 1	3

Concentration 2: Secondary school, 23 hours

MATH	267	Calculus 3	4
	311	Algebraic Structures	3
	335	Mathematical Models	3
	345	Survey of Geometries	4
	460	History of Mathematics	3
	470	Intermediate Analysis	3

6 hours from			
MATH	514	Alg Res Elm Mid Fnd Math Teach (3)	
	517	Num Concepts and Num Thry Teach (3)	
	518	Rat Num Prop El Mid Fnd Tch (3)	
	542	Geo Meas Ele Mid Fnd Math Tch (3)	
	623	Data Probability Teach (3)	6

At least 3 hours from (as approved by advisor)

MATH	251	Intro to Mathematics of Financ (2)	
	320	Probability (4)	
	362	Numerical Analysis 1 (3)	
	374	Differential Equations (3)	
	377	Complex Analysis (3)	
	411	Abstract Algebra 1 (3)	
	415	Coding and Communication (3)	
	416	Theory of Numbers (3)	
	441	Geometry and Topology (3)	
	445	Differential Geometry (3)	
	456	Intro Operations Research (3)	
	471	Real Analysis 1 (4)	
	473	Boundary Value Problems (3)	
	475	Topics Partial Dif Equations (3)	
	497	Student Faculty Colloquium (1-6)	3
			<hr/>
			48 hrs

15 hrs
Students need to achieve a grade-point average of 3.0 to receive their certificate, and no grade lower than C will count. Transfer credit is not accepted.

**CERTIFICATE IN MIDDLE SCHOOL MATHEMATICS
EDUCATION, 15 hours**

Provides students with both breadth and depth of mathematical expertise in middle school education. Students will engage in significant mathematical problem solving as they also learn to teach mathematics through problem solving, thereby giving them depth. Students also will expand their foundational knowledge by taking several mathematics content classes that cover the breadth of middle school mathematics.

Admission requirements

Applicants must meet the regular admission requirements of the Graduate School. Applicants must also have a current elementary, middle school, or special education teaching license and at least one year of teaching experience.

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

PREFIX	NO	SHORT TITLE	CR HRS
<i>Professional education sequence, 45 hours</i>			
EDFO	420	Soc, Hist, Phil Found of Ed	3
EDJH	385	Prin of Tchng in Mid Schl	3
EDMU	205	Intro of Multicul Ed	3
EDPS	251	Development Secondary	3
	390	Educational Psychology	3
EDSE	320	Read Div Sec Cont Class	3
	380	Princ of Tchng in Sec School	3
MATH	150	Intro Secondary Math Education	3
	331	Technology Secondary Math	3

PREFIX	NO	SHORT TITLE	CR HRS
MATH	693	Teaching Math Prob Solving	3
12 hours from			
MATH	514	Alg Res Elm Mid Fnd Math Teach (3)	
	517	Num Concepts and Num Thry Teach (3)	
	518	Rat Num Prop El Mid Fnd Tch (3)	
	542	Geo Meas Ele Mid Fnd Math Tch (3)	
	623	Data Probability Teach (3)	12

15 hrs
Students need to achieve a grade point average of 3.0 to receive their certificate, and no grade lower than C will count. Transfer credit is not accepted.

Department of Modern Languages and Classics

ARABIC (AR)

New:

102 Beginning Arabic 2 (5) The second course in beginning Arabic language.

Prerequisite: AR 101.

201 Intermediate Arabic 1 (4) Designed for students with credit in AR 101 and 102. Builds upon the skills in beginning Arabic in listening, speaking, reading, and writing Arabic, and increases knowledge of Arabic cultures.

Prerequisite: AR 102 or its equivalent.

202 Intermediate Arabic 2 (4) Designed for students with credit in AR 201. Further enhances skills in listening, speaking, reading, and writing Arabic, and increases understanding of Arabic cultures.

Prerequisite: AR 201 or its equivalent.

GREEK (GRK)

Revised:

598 Readings (3-9) Individualized readings or research to allow students to explore special topics with an individual instructor. Designed to meet the needs of graduate students who have special projects in Greek.

Prerequisite: permission of the instructor.

A total of 9 hours of credit may be earned.

JAPANESE (JAPA)

Revised:

598 Readings (3-9) Individualized readings or research to allow students to explore special topics with an individual instructor. Designed to meet the needs of graduate students who have special projects in Japanese.

Prerequisite: permission of the instructor.

A total of 9 hours of credit may be earned.

Department of Physics and Astronomy

ASTRONOMY (ASTR)

Dropped:

151 The Universe and You (3)

PHYSICS (PHYC)

Revised:

669 Work and Learning Experience in Physics (1-3) Paid work and learning experiences in applied or theoretical physics in an institutional, industrial, or university research or development setting.

Prerequisite: approval of a proposed program by the department chairperson.

A total of 3 hours of credit may be earned in combination with PHYC 369.

No more than 3 hours in combination with PHYC 369 may be used as approved electives toward a departmental major.

Department of Psychological Science

PSYCHOLOGICAL SCIENCE (PSYS)

Revised:

695 Seminar in Psychology (1-6) Investigation in the current literature of psychology. Topics will vary each semester, at the instructor's discretion.

Prerequisite: 12 hours of graduate credit in psychology.

A total of 6 hours of credit may be earned.

Department of Social Work

SOCIAL WORK (SOCW)

Revised:

570 Selected Aspects of Social Work Practice (3 or 6) Exploration of social work practice with selected client populations and types of practice with emphasis on individualized study, reporting, and group discussion. Study will focus on social work practice and social service delivery within the identified field.

A total of 6 hours of credit may be earned.

Not open to students who have credit in SOCW 370.

Department of Sociology

SOCIOLOGY (SOC)

Revised:

235 Sociology of Gender (3) Examines women's and men's roles in society. Explores how gender intersects with a variety of social institutions including: race, class, religion, the economy, and politics.

669 Internship 2: Paid Field Work (1-3) Paid supervised field experience in a public agency or business setting. Training involves data analysis, evaluation research, and implementation of agency programs under the supervision of the employer and the department.

Prerequisite: permission of the department chairperson.

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

Department of Speech Pathology and Audiology

SPEECH PATHOLOGY AND AUDIOLOGY (SPAA)

Revised:

620 Diagnostic Clinical Practicum (1-2) Supervised clinical practice in assessment strategies, collecting clinical data, client interviewing, counseling, preparation of reports, and referral procedures.

Prerequisite: SPAA 319 (3 enrollments) or equivalent and permission of the department chairperson.

A total of 4 hours of credit may be earned, but no more than 2 in any one semester or term.

Open only to SPAA graduate students.

691 Seminar in Audiology (1-6) Offered on selected topics in audiology. Topics to be covered will be identified in advance for each offering.

Prerequisite: permission of the department chairperson.

A total of 6 hours of credit may be earned.

692 Directed Study in Speech-Language Pathology and Audiology (1-4) Individual directed study in speech-language pathology and audiology.

Prerequisite: permission of the department chairperson.

A total of 9 hours of credit may be earned, but no more than 4 in any one semester or term.

693 Internship in Speech Pathology or Audiology (3-6) On-the-job experience in such places as hospitals, rehabilitation centers, private practices, nursing homes, community speech and hearing centers, etc.

Prerequisite: permission of the department chairperson.

A total of 9 hours of credit may be earned, but no more than 6 in any one semester or term.

695 School Internship in Speech-Language Pathology or Audiology (3-6) On-the-job experience in a school setting.

Prerequisite: permission of the department chairperson.

A total of 9 hours of credit may be earned, but no more than 6 in any one semester or term.

749 Audiology Practicum (1-6) Supervised clinical practicum in audiology on and off campus. Experience in a variety of diagnostic and rehabilitative procedures.

Prerequisite or parallel: SPAA 343, 655; permission of the department chairperson.

A total of 30 hours of credit may be earned, but no more than 6 in any one semester or term.

Open only to AuD students.

771 Audiology Doctoral Project (2 or 3) Audiology doctoral project on approved topic.

A total of 6 hours of credit may be earned, but no more

than 3 in any one semester or term.

Open only to students enrolled in the AuD program.

793 Audiology Externship (3) Full-time, 12-month externship in an approved audiologic facility under the joint supervision of the university audiology faculty and the externship site professional staff. Externship may be completed at one or more sites. Taken for three consecutive semesters.

Prerequisite: permission of the department chairperson.

A total of 15 hours of credit may be earned, but no more than 3 in any one semester or term.

Open only to students enrolled in the AuD program.

TEACHERS COLLEGE

Department of Counseling Psychology and Guidance Services

COUNSELING PSYCHOLOGY (CPSY)

Revised:

623 Specialized Techniques of Counseling Psychology (3) Seminar devoted to theory and research in treatment and intervention strategies. Topics vary depending upon current interest and importance in counseling psychology.

Prerequisite: CPSY 621.

Parallel: CPSY 645 may be required for some students.

A total of 12 hours of credit may be earned, but no more than 3 in any one semester or term.

640 Practicum in Group Counseling (3) Supervised experience in a leadership role in various facets of counseling and therapeutic group interaction.

Prerequisite: CPSY 644, 688.

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

645 Specialized Practicum in Counseling Psychology (3) Advanced experience in counseling psychology using specialized techniques under supervision.

Prerequisite: CPSY 644.

Parallel: CPSY 623.

A total of 12 hours of credit may be earned, but no more than 3 in any one semester or term.

648 Field Experience in Counseling and Guidance (3) Supervised on-the-job experience in a school, business, industry, or community agency in counseling and guidance activities.

Prerequisite: CPSY 646.

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

695 Field Internship in Counseling (3-6) Intensive supervised experience in application of basic psychotherapeutic procedures and evaluation techniques in an

approved and appropriate setting. Experience will be gained in one or several approved agencies under joint supervision of a university faculty member and an agency representative designated for this responsibility.

Prerequisite: CPSY 644, 646.

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

749 Practicum in Supervised Experience in Counseling Psychology (1) Individualized advanced experience in counseling and psychotherapy under the supervision of a faculty member.

Prerequisite: doctoral status; CPSY 746; and at least two other CPSY graduate courses.

A total of 12 hours of credit may be earned, but no more than 1 in any one semester or term.

Department of Educational Leadership

EDUCATION: ADMINISTRATION (EDAD)

Revised:

693 Mid-Career Seminar for Educational Leaders (1-3) Seminar in education leadership for practitioners needing to update knowledge and skills in applied leadership. Repeated registrations are permitted.

Prerequisite: master's degree; permission of the department chairperson.

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

Open only to practicing educational leaders or educators seeking renewal of administrative licenses.

798 Advanced Political Seminar in Educational Administration (Politics and Education) (3) Students enrolled in this seminar will become familiar with the ways in which the political process impacts the management, procedures, and practices in educational institutions. Students will learn to track legislation and use state agency data to assist their school corporation. They will more clearly define their positions on political issues and acquire expertise in representing their school corporation to the local community and influencing political entities.

Prerequisite: permission of the department chairperson or program director.

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

Open only to specialist or doctoral students.

Department of Educational Psychology

Revised:

MASTER OF ARTS IN EDUCATIONAL PSYCHOLOGY, 30 hours

Designed for students seeking a broad background in educational psychology preparatory to enrolling in an

advanced degree program. It is valuable to students with specific interests in human development, learning, and measurement and evaluation. As a part of this degree program students may professionalize teaching licenses by selecting appropriate courses.

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. Applications are accepted using a rolling admissions process before the start of each semester (fall, spring, summer). Applications should be submitted to the graduate school and the department at least one month before the start of the semester in which enrollment is preferred. Please contact the program director for additional information.

Degree requirements

Candidates must complete a minimum of 30 hours of graduate credit approved by the program director. For the 30 hours, there is 18 credit hours in required course work in learning, human development, and research and statistics. Students will also choose a minimum of 12 credit hours fulfilled by either completing a specialization or by choosing courses, in consultation with the program director, deemed appropriate for meeting a student's professional needs.

PREFIX	NO	SHORT TITLE	CR HRS
EDPS	600	Adv Educational Psych	3
	606	Learn/Achievement Motivation	3
	641	Statistical Methods	3
	646	Tests and Measurements	3
	640	Research Methods (3)	
		or	
	643	Research Design (3)	3
		3 hours from	
EDPS	603	Human Development (3)	
		or	
	627	Child Development (3)	
		or	
	628	Adolescent Development (3)	
		or	
	629	Adult Development (3)	3
		Electives approved by program director	12
			<hr/> 30 hrs

EDUCATIONAL PSYCHOLOGY (EDPS)

Revised:

601 Seminar in Educational Psychology (1-6) Students in the first two years of their doctoral work will complete an

independent research project. Students will learn about resources and opportunities for successful graduate research, including library resources, institutional review of university research, grant writing, submitting conference presentations and procedures for publishing research.

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

687 Pre-Practicum in School Psychology (1-3) General orientation to the practice of school psychology in educational and other settings. Time spent with guided and directed experiences in schools and other professional settings.

Prerequisite: permission of the department chairperson.

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

Open only to students admitted to a school psychology program.

688 Practicum in Consultation (3-6) Application of principles and theories of consultation taught in EDPS 612. Consultation to school and clinical settings.

Prerequisite: EDPS 612, 653, and 687; permission of the program director.

A total of 9 hours of credit may be earned, but no more than 6 in any one semester or term.

689 Practicum in School Psychology (1-6) Preparation for internship. Supervised experience in the choice, administration, and written interpretation of standardized and nonstandardized assessments in various educational and clinical settings. Interview and observational strategies, as well as professional standards of practice and legal issues, will be addressed.

Prerequisite: EDPS 612, 651, 653, 687; or permission of the program director.

A total of 9 hours of credit may be earned, but no more than 6 in any one semester or term.

690 Supervised Internship in School Psychology (3)

Internship in the principles, practices, and applications of psychoeducational evaluation and consultation with a school or other appropriate setting. Ordinarily required if seeking school psychology certification. *Prerequisite:* completion of most of the curriculum for certification as a school psychologist; permission of the department chairperson or program director.

A total of 12 hours of credit may be earned, but no more than 3 in any one semester or term.

Open only to school psychology students.

696 Practicum in Gifted Education (1-6) Supervised teaching and laboratory experiences with gifted and talented children in educational settings. Meets teaching licensure requirements.

Prerequisite: 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.

698 Special Topics (3-6) Group or individual investigation and study of current issues, problems, and developments in human development, classroom learning, research methods, or statistics.

Prerequisite: permission of the instructor.

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

699 Independent Study: Educational Psychology (1-6)

Individual students may participate in planned experiences related to educational psychology that are not provided by the regular sequence, study more extensively than present courses allow in a theoretical area of educational psychology, or conduct independent research related to educational psychology.

Prerequisite: 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.

752 Practicum in Neuropsychological Assessment (3-6)

Supervised practice in administering and interpreting a variety of neuropsychological test batteries for children and adults including the preparation of neuropsychological reports. Emphasizes use of the Halstead- Reitan batteries and Dean-Woodcock.

Prerequisite: EDPS 652 or equivalent.

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

789 Supervision in School Psychology (3-6)

Directed experience in the supervision of school psychologists. Models and methods of supervision are introduced with emphasis on ethical issues, evaluation, and research. Instruction progresses from theory and role playing to hands-on supervisory experiences.

Prerequisite: 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.

790 Practicum in Teaching Educational Psychology (3-6)

Candidates for advanced graduate-degree programs in educational psychology will be closely supervised in giving classroom instruction, in assisting beginning students, and in developing other proficiencies and skills required for successful college teaching.

Prerequisite: admission to advanced graduate-degree programs 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.

791 Doctoral Internship in School Psychology (3-6)

Supervised doctoral-level internship involving the theory and practice of psychoeducational assessment and consultation within a school, clinic, or other appropriate setting.

Prerequisite: permission of the program or internship director.

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

Open only to students admitted to the PhD program in school psychology.

792 Doctoral Internship in Professional Psychology (3-9)

Directed and supervised predoctoral internship experience within a school, clinic, or other appropriate setting to meet the requirements of the doctoral program in school psychology.

Prerequisite: permission of the program or internship

director.

A total of 12 hours of credit may be earned, but no more than 9 in any one semester or term.

Open only to students admitted to the PhD program in school psychology.

Department of Educational Studies

EDUCATION: COMMUNITY COLLEGE (EDCC)

Revised:

698 Community College Leadership Seminar (3)

Investigation of selected topics critical to practice in community college leadership.

A total of 12 hours of credit may be earned, but no more than 3 in any one semester or term.

Open only to community college, higher education, and adult/community education students, except by permission of the department chairperson.

EDUCATION: HIGHER (EDHI)

Revised:

659 Independent Study in Higher Education (3)

Exploration of a topic in higher education under the direction of an appropriate faculty member.

A total of 12 hours of credit may be earned, but no more than 3 in any one semester or term.

690 Seminar in Student Affairs Administration (1-3)

Investigation of selected topics critical to practice in student affairs administration.

A total of 12 hours of credit may be earned, but no more than 3 in any one semester or term.

699 Practicum in Student Affairs Administration (3)

Experience in one branch of student affairs (admissions, career services, dean of students, financial aid, student activities, recreation, minority related areas).

A total of 12 hours of credit may be earned, but no more than 3 in any one semester or term.

Open only to students in the student-personnel program or by permission of the department chairperson.

Department of Special Education

Revised:

TEACHING MAJOR IN EXCEPTIONAL NEEDS: EARLY CHILDHOOD SPECIAL EDUCATION, 100 hours

PREFIX	NO	SHORT TITLE	CR HRS
AHS	100	Introduction to Art	3

BIO	102	Biol Concepts for Teachers	3
GEOG	101	Earth Sea Sky: Geographic View (3)	3
		or	
GEOL	101	Planet Earth Geol Environment (3)	3
HIST	201	American History, 1492-1876	3
MATH	207	Mathematics Exceptional Learn	4
MUSE	265	Music Basics for the Classroom	3
PHYC	101	Phys Sci Concepts for Teachers (1-3)	3

22 hrs

EDFO	420	Soc, Hist, Phil Found of Ed	3
EDPS	250	Human Growth Development	3
	345	Tests and Measurement	3
EDRD	400	Tchg of Rdg in Today's Schools	3
	430	Corrective Reading	3
ENG	204	Literature for Children	3
MATH	392	Teach Mathematics Disabilities	3
SPAA	270	Language Development	3
SPCE	201	Intro Stdnts w/Except Nds	3
	277	Hum Rltn & Collab Skills Sp Ed	3

30 hrs

Mild Interventions (Early and Middle Childhood), 30 hours

SPCE	202	Legal & Proc Founds of Spec Ed	3
	266	Practicum in Special Education (1-9)	3
	309	Prin of ABA for Spec Ed	3
	331	Micros in Special Education (1-4)	3
	361	Adv Pract in Special Ed (1-9)	3
	371	Intro to Mild Intervs	3
	375	Assessment in Spec Ed	3
	376	Tchg Meths in Mild Intervs	3
	489	Stud Teach: Mild Disabilities (1-12)	6

30 hrs

Early Childhood Special Education, 18 hours

SPCE	210	Thry/Pract in EC Spec Ed	3
	215	Assess Yng Chldrn w/Exc Nds	3
	311	Dev Meth Infs & Todds w/Exc	3
	312	Dev Meth PS Chldrn w/Exc	3
	419	Stu Teach Erly Chld SPCE (6-12)	6

18 hrs

100 hrs

See Professional Education Assessment/Decision Points, p. 374, for additional information.

TEACHING MAJOR IN EXCEPTIONAL NEEDS: HEARING IMPAIRED/DEAF, 100 hours

PREFIX	NO	SHORT TITLE	CR HRS
AHS	100	Introduction to Art	3
BIO	102	Biol Concepts for Teachers	3
GEOG	101	Earth Sea Sky: Geographic View (3)	3
		or	
GEOL	101	Planet Earth Geol Environment (3)	3
HIST	201	American History, 1492-1876	3

MATH	207	Mathematics Exceptional Learn	4	EDFO	420	Soc, Hist, Phil Found of Ed	3
MUSE	265	Music Basics for the Classroom	3	EDPS	250	Human Growth Development	3
PHYC	101	Phys Sci Concepts for Teachers (1-3)	3		345	Tests and Measurement	3
			<hr/>	EDRD	400	Tchg of Rdg in Today's Schools	3
			22 hrs		430	Corrective Reading	3
EDFO	420	Soc, Hist, Phil Found of Ed	3	ENG	204	Literature for Children	3
EDPS	250	Human Growth Development	3	MATH	392	Teach Mathematics Disabilities	3
EDRD	400	Tchg of Rdg in Today's Schools	3	SPAA	270	Language Development	3
	430	Corrective Reading	3	SPCE	201	Intro Stdnts w/Except Nds	3
MATH	392	Teach Mathematics Disabilities	3		277	Hum Rltn & Collab Skills Sp Ed	3
SPCE	201	Intro Stdnts w/Except Nds	3				<hr/>
			<hr/>				30 hrs

18 hrs

Mild Interventions (Early and Middle Childhood),
30 hours

SPCE	202	Legal & Proc Found of Spec Ed	3
	266	Practicum in Special Education (1-9)	3
	309	Prin of ABA for Spec Ed	3
	331	Micros in Special Education (1-4)	3
	361	Adv Pract in Special Ed (1-9)	3
	371	Intro to Mild Intervs	3
	375	Assessment in Spec Ed	3
	376	Tchg Meths in Mild Intervs	3
	489	Stud Teach: Mild Disabilities (1-12)	6
			<hr/>
			30 hrs

30 hrs

Hearing Impaired/Deaf (All-Grade), 30 hours

SNLN	251	American Sign Language 1	3
	252	American Sign Language 2	3
SPCE	240	Hist Ed Deaf Prsns/Psych Dfns	3
	246	Spch Dev/Deaf or Hard/Hrng	3
	248	Pract Deaf or Hard of Hearing	3
	454	Intro to Lang for Deaf Prsns	3
	456	Lang Meth for Deaf Prsns	3
	458	Teach Read & Elem Deaf Prsns	3
	466	Stud Teach: Hearng Impd (1-12)	6
			<hr/>
			30 hrs

30 hrs

100 hrs

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

TEACHING MAJOR IN EXCEPTIONAL NEEDS: MILD INTERVENTIONS (All-Grade), 100 hours

<i>PREFIX</i>	<i>NO</i>	<i>SHORT TITLE</i>	<i>CR HRS</i>
AHS	100	Introduction to Art	3
BIO	102	Biol Concepts for Teachers	3
GEOG	101	Earth Sea Sky: Geographic View (3)	
		or	
GEOL	101	Planet Earth Geol Environment (3)	3
HIST	201	American History, 1492-1876	3
MATH	207	Mathematics Exceptional Learn	4
MUSE	265	Music Basics for the Classroom	3
PHYC	101	Phys Sci Concepts for Teachers (1-3)	3
			<hr/>
			22 hrs

Mild Interventions (Early and Middle Childhood),
30 hours

SPCE	202	Legal & Proc Found of Spec Ed	3
	266	Practicum in Special Education (1-9)	3
	309	Prin of ABA for Spec Ed	3
	331	Micros in Special Education (1-4)	3
	361	Adv Pract in Special Ed (1-9)	3
	371	Intro to Mild Intervs	3
	375	Assessment in Spec Ed	3
	376	Tchg Meths in Mild Intervs	3
	489	Stud Teach: Mild Disabilities (1-12)	6
			<hr/>
			30 hrs

30 hrs

Mild Interventions (Adolescent and Young Adult),
18 hours

SPCE	361	Adv Pract in Special Ed (1-9)	3
	475	Trends & Issues in Special Ed	3
	476	Intervs Adols & YAs w/Exc Nds	3
	491	Stud Teach: Sec Mild Int (1-12)	6
		Elective: Content Area	3
			<hr/>
			18 hrs

18 hrs

100 hrs

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

TEACHING MAJOR IN EXCEPTIONAL NEEDS: INTENSE INTERVENTIONS, 100 hours

<i>PREFIX</i>	<i>NO</i>	<i>SHORT TITLE</i>	<i>CR HRS</i>
AHS	100	Introduction to Art	3
BIO	102	Biol Concepts for Teachers	3
GEOG	101	Earth Sea Sky: Geographic View (3)	
		or	
GEOL	101	Planet Earth Geol Environment (3)	3
HIST	201	American History, 1492-1876	3
MATH	207	Mathematics Exceptional Learn	4
MUSE	265	Music Basics for the Classroom	3
PHYC	101	Phys Sci Concepts for Teachers (1-3)	3
			<hr/>
			22 hrs
EDFO	420	Soc, Hist, Phil Found of Ed	3
EDPS	250	Human Growth Development	3
	345	Tests and Measurement	3
EDRD	400	Tchg of Rdg in Today's Schools	3

	430	Corrective Reading	3
MATH	392	Teach Mathematics Disabilities	3
SPAA	270	Language Development	3
SPCE	201	Intro Stdnts w/Except Nds	3

24 hrs

Mild Interventions (Early and Middle Childhood),
30 hours

SPCE	202	Legal & Proc Founds of Spec Ed	3
	266	Practicum in Special Education (1-9)	3
	309	Prin of ABA for Spec Ed	3
	331	Micros in Special Education (1-4)	3
	361	Adv Pract in Special Ed (1-9)	3
	371	Intro to Mild Intervs	3
	375	Assessment in Spec Ed	3
	376	Tchnng Meths in Mild Intervs	3
	489	Stud Teach: Mild Disabilities (1-12)	6

30 hrs

Intense interventions (All-Grade), 24 hours

SPCE	362	Adv Pract in Sev Disab	3
	363	Adv Pract Phys Impair	3
	366	Intro Phys Dis & Other	3
	377	Children & Youth w/ Sev Dis	3
	378	Instr Meth Chldrn & Yth w/Sev	3
	379	Meth for Chldrn & Yth w/Phys	3
	492	Stud Teach Children/Youth (6-12)	6

24 hrs

100 hrs

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

SPECIAL EDUCATION (SPCE)

Revised:

361 Advanced Practicum in Special Education (1-9) An advanced practicum emphasizing the application of teaching methodologies. Projects associated with specialty methods courses (SPCE 376 or 454 or 476) will be completed. May be repeated only one time.

Prerequisite: SPCE 201 or 302 with grades of *C* or better; SPCE 202, 266, with grades of *C* or better (waived for secondary content area program and dual majors); admission to the teacher education program; passing scores on the CASA; 3.0 overall grade-point average; permission of the department chairperson.

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

A total of 9 hours of credit may be earned.

366 Introduction to Persons with Physical Disabilities and Other Health Care Needs (3) Designed for future teachers and rehabilitation counselors of persons with physical, sensory, or health impairments. Etiology, physical and social-emotional characteristics, and educational considerations and implications are emphasized within a transdisciplinary habilitative/rehabilitative team perspective.

Prerequisite: admission to the teacher education program; passing scores on the CASA; 3.0 overall grade-point average; grades of *C* or better in SPCE 201 (SPCE 302 for elementary education and secondary content area program) and 202.

371 Introduction to Mild Interventions (3) Studies psychological, environmental, and cultural factors that contribute to mild disabilities. Examines definitions and characteristics, and historical and contemporary mild intervention services.

Prerequisite: admission to the teacher education program; passing scores on the CASA; 3.0 overall grade-point average; grade of *C* or better in SPCE 201 (SPCE 302 for elementary education and secondary content area program); and *C* or better in SPCE 202 (waived for secondary content area program).

375 Assessment in Special Education (3) Educational assessment practices with students with exceptional needs emphasizing curriculum-based assessment and informal tests. Role of the special educator on the evaluation team of qualified professionals. May be repeated only one time.

Prerequisite: grades of *C* or better in EDPS 345; SPCE 202, 371; admission to the teacher education program; passing scores on the CASA; 3.0 overall grade-point average; permission of the department chairperson.

376 Teaching Methods in Mild Interventions (3) Studies techniques of teaching students who require mild interventions. Emphasizes the process by which content is taught to early and middle childhood students within the least restrictive environment.

Prerequisite: admission to the teacher education program; passing scores on the CASA; 3.0 overall grade-point average; grades of *C* or better in SPCE 202, 371, 375.

Parallel: SPCE 361.

377 Educating Children and Youth with Severe Disabilities (3) Introduces future teachers to students who require severe interventions. Contemporary best practices and standards in integration opportunities, curriculum design, and positive supports for challenging behavior are presented and applied at the early and middle childhood developmental levels.

Prerequisite: admission to the teacher education program; passing scores on the CASA; 3.0 overall grade-point average; grades of *C* or better in SPCE 201 (SPCE 302 for elementary education and secondary content area program) and 202.

608 Inservice Workshop (1-6) For inservice teachers and administrators who wish to work on special learning problems in their own schools.

Prerequisite: permission of the department chairperson.

A total of 6 hours of credit may be earned.

617 Practicum: Infants, Toddlers, and Preschoolers with Special Needs (1-12) Work with young children with special needs or disabilities in a supervised teaching practicum. Acquire practical skills for planning and organizing activities to meet the needs of young children and their families.

Prerequisite: SPCE 612, 613, 614, 616; permission of the department chairperson.

A total of 12 hours of credit may be earned.
Not open to students who have credit in SPCE 417.

638 Practicum: Applied Behavioral Analysis (1-6) Provides practical experiences for students in applied behavior analysis or the behavior disorders teaching concentration; supervised by Board Certified Behavior Analysts or qualified special education teachers, respectively. Includes planning, implementing, and evaluating behavioral interventions. Offered on-line only.

Prerequisite: grade of *B* or better in SPCE 609 and 611.
A total of 6 hours of credit may be earned.

670 Practicum in Special Education: Deaf (1-6) Teaching and other laboratory experiences with deaf or severely hearing-impaired children in public, private, and residential schools or other educational settings under the supervision of local professional and college supervisors. Meets teaching licensure requirements.

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

Ron Murphy, Associate Director
Office of Academic Systems