BALL STATE UNIVERSITY

ACADEMIC POSTING

2018-2019

VOLUME XLVIII – 2 January 14, 2019

This posting may contain all or part of the following: new, revised, and dropped programs, courses and prefixes. The posting period begins January 14, 2019. If no demurrer is received within ten school days, the changes will be certified for implementation. *The effective date for implementing the undergraduate and graduate materials posted after April 15, 2019 is Fall Semester 2020.*

COLLEGE OF ARCHITECTURE AND PLANNING

Department of Construction Management and Interior Design

INTERIOR DESIGN (IDES)

New:

600 Designers Qualitative Research Methods (3) Introduces students to qualitative research methods and processes as applied to the built environment. Topics include: the research process, studies appropriate for qualitative design research, research protocols, and evaluation of research findings. Students learn about scientific writing, strategies for conducting literature reviews, research ethics with respect to the researcher's role and the protection of human subjects, and elements of a research proposal. Students will complete a series of readings and exercises then prepare a research proposal and specify the appropriate tools for discovery that may serve as a foundation for their master's thesis or final project.

Department of Landscape Architecture

LANDSCAPE ARCHITECTURE (LA)

Revised:

220 Landscape Architecture History – Ancient to Mid-19th Century (3) The history of landscape architecture from ancient times to approximately the mid-19th century; course emphasizes the human environment relationship and contemporary parallels in landscape design.

221 Landscape Architecture History – Mid-19th Century to Recent Past (3) The history of landscape architecture from the mid-19th century to the recent past. Emphasizes North American human-environment relationships, and their antecedents and cultural parallels in landscape design.

301 Housing and Community Design (5) Design projects focusing on social, political, economic, cultural, and environmental issues as they relate to land planning and site design for housing developments and residential communities.
Prerequisite: LA 202 and 280.
Open only to LA majors.

302 Plant Design (5) Design problems focusing on the functional, ecological, and aesthetic uses of plants in the landscape.
Prerequisite: LA 211 and 341.
Open only to LA majors.

401 Regional Landscape Design (6) The application of principles of landscape architectural design to large-scale landscape settings. Topics include land planning, visual quality management, and natural and cultural landscape resource management.
Prerequisite: LA 301.
Open only to LA majors.

403 Urban Design (6) Design studio emphasizing the physical and socio-behavioral influences on the design of cities. Projects may focus on the design of new urban environments or the redesign and revitalization of existing urban centers. May include interdisciplinary studies.
Prerequisite: LA 312 or 401 or permission of the instructor.
Open only to LA majors.

404 Landscape Architecture Comprehensive Project (6) Analytical, conceptual, and design development processes applied to a comprehensive project in landscape architecture. Emphasizes guided independent design work based on individual initiative.
Prerequisite: LA 451.
Open only to LA majors.

MILLER COLLEGE OF BUSINESS

Department of Accounting

ACCOUNTING (ACC)

Revised:

202 Principles of Accounting 2 (3) A continuation of ACC 201 emphasizing financial statement analysis and managerial and cost accounting concepts.

Prerequisite: ACC 201 with a grade higher than *C*-.

401 Introduction to Taxation (3) A study of the basic features of the federal income tax. Emphasizes the determination of taxable income of individuals and corporations.

Prerequisite: ACC 201 with a grade higher than *C*-.

440 Advanced Financial Accounting (3) Special accounting problems related to business combinations, consolidated financial statements, fiduciary accounting, international accounting, and partnership accounting.

Prerequisite: ACC 302 with a grade higher than *C*-.

Department of Economics

ECONOMICS (ECON)

Revised:

330 Sports Economics (3) Economics affects sports players, teams, leagues and institutions. The course applies economic principles to sports and covers topics such as the organization of sports, the market for franchises, financing sports venues, ticket prices, labor relations, player drafts, athlete compensation, betting markets, cooperative, collusive and competitive strategic behaviors in sports, and anti-trust issues. Students successfully completing this course will be able to understand and apply economic principles to sports and in their own lives.

Prerequisite: ECON 201; ECON 221 or MATH 221 or 321.

Department of Management

HOSPITALITY AND FOOD MANAGEMENT (HOSP)

Revised:

250 Lodging Management (3) Examines the departmental structure of hotel operations along with the duties, responsibilities, and challenges of hospitality management within in the hotel industry.

Open only to hospitality and food management majors, hospitality management minors, and Geography concentration 2: travel and tourism.

376 Introduction to Event Management (3) An introduction to the management of special events including conventions, professional, and social meetings. Emphasis on fiscal responsibilities, logistics, and space allocation.

Open only to hospitality and food management majors, hospitality management minors; geography concentration 2: travel and tourism; advertising: event planning and management; public relations: event planning and management.

COLLEGE OF FINE ARTS

School of Music

MUSIC PERFORMANCE (MUSP)

Revised:

520 Instrumental Literature and Pedagogy (1-2) Introduction to and preparation of music and materials for instrumental music literature. May include from the following: solo and ensemble repertoire or audition preparation, practice techniques, and pedagogy techniques. This is an elective course.

A total of 4 credits may be earned.

Open only to graduate-level students accepted into an instrumental performance or instrumental conducting degree program.

COLLEGE OF HEALTH

School of Kinesiology

Pending ICHE Approval

MASTER OF SCIENCE IN ATHLETIC TRAINING, 62 credits

Admission requirements

Applicants must meet the admission standards of both the Graduate School and the Athletic Training program. The Athletic Training program minimum requirements for admission consideration are as follows:

- Formal letter of application, including a personal statement
- Bachelor's degree
- Overall GPA of 3.0 on a 4.0 scale
- Completion of the following prerequisite topic areas with a minimum grade of *C* or better:

- Human anatomy – 3+ credits
- Human Physiology with Lab – 3+ credits
- Chemistry with Lab – 3+ credits
- Biology with Lab – 3+ credits
- Physics – 3+ credits
- Exercise Physiology – 3+ credits
- Psychology – 3 credits
- Nutrition – 3 credits
  - Course must include relationship of diet to health and disease, principles of nutrition, and life cycle nutrition, nutrition as an energy source and utilization of various nutrients
- Statistics – 3 credits
  - Course must include descriptive statistics, correlations, and an introduction to inferential statistics
- Biomechanics – 3 credits
  - If students cannot take a Biomechanics type course, they will be required to take an additional physics course

- Graduate Record Examination (GRE) scores
- TOEFL scores (international students)
- Minimum of 30 hours of athletic training observation in at least two different clinical settings with two different athletic trainers completed within 18 months prior to application. A written record or letter of verification must be submitted with the application.
- List of three references who can speak to potential success as a healthcare professional. One letter must come from those who supervised during the observation experience.
- Current emergency cardiac care for healthcare provider certification upon entry to the program.

Additional information regarding the program admission requirements can be found on the Athletic Training Program's website at https://www.bsu.edu/academics/collegesanddepartments/kinesiology/academic-programs/bachelors-degrees/athletic-training

Degree requirements

Students must complete a minimum of 62 credits in the athletic training program with an overall GPA of 3.0 and earn a grade of C or higher in each course in the athletic training curriculum. The 62 credits program includes 8 credits of research courses (AT 691, AT 693, and AT 695) for the master of science degree with AT 695 culminating in the completion of a research project. Students must also demonstrate competence in all clinical and didactic education components of the program.

Athletic Training, 62 credits

PREFIX	*NO*	*SHORT TITLE*	*CREDITS*
Core requirements, 54 credits from			
AT	601	Intro to Clinical Practice	3
	605	Emergency Procedures	3
	611	Musculoskeletal Eval I	3
	612	Musculoskeletal Eval II	3
	613	Therapeutic Interventions I	3
	614	Therapeutic Interventions II	3
	615	Med Pharm Interven Treatment	3
	617	Healthcare Docum Inform	1
	619	Behavioral Health	3
	653	Adv Diagnostic Techniques	2
	657	Seminar in Athletic Training	1
	659	Administration and Leadership	3
	670	Clinical Exp in AT I	3
	671	Clinical Exp in AT II	3
	673	Clinical Exp in AT III	6
	675	Clinical Exp in AT IV	5
	677	Clinical Exp in AT V	6
Research requirements, 8 credits from			
AT	691	Evid Based Prac in Healthcare	3
	693	Practice-Based Research	2
	695	Research in Athletic Training	3
			62 crs

ATHLETIC COACHING EDUCATION (ACE)

New:

600 Internship in Athletic Coaching Education (1-3) A supervised work and learning experience in the application of coaching knowledge and skills. Internships are to be completed with organizations or schools within the sport industry approved by the program coordinator including professional, collegiate, interscholastic, and amateur organizations.

Prerequisite: 12 credits earned (*C* or better) from the graduate ACE program (core or approved electives); permission of the Athletic Coaching Education coordinator.

A total of 3 credits may be earned.

Open only to Athletic Coaching Education majors.

ATHLETIC TRAINING (AT)

Dropped:

240 Prevention and Care of Musculoskeletal Injuries (3)

577 Psychology of Injury Rehabilitation (3)

EXERCISE SCIENCE (EXSC)

New:

310 Applied Sports Performance (3) Designed to give students the opportunity to observe and assist in the practical application of resistance training protocols for college athletes

and teams. Students will observe and assist in guidelines and experience for instructing safe, effective and purposeful resistance training and conditioning by working with the head strength coach and staff. Students will observe college teams with the exception of Football.

Prerequisite: EXSC 127 and 201; permission of the instructor.

Open only to exercise science majors.

Revised:

147 Resistance Training Leadership (3) Designed to help students gain understanding of resistance training and the muscles associated through practicum application. Students will provide guidelines and practical experience for instructing safe, effective and purposeful strength and conditioning through a pre-existing exercise program for apparently healthy participants. Exercise science majors may repeat only once.

Open only to exercise science majors.

PHYSICAL EDUCATION: PROFESSIONAL (PEP)

Dropped:

231 Foundations of Coaching (3)

409 Psychological/Social Issues in Sport (3)

433 Coaching Internship (3)

499 Independent Study in Physical Education (1-3)

594 Teaching Physical Education to People with Disabilities (3)

600 Internship in Kinesiology (1-6)

601 Research Applications (non-Thesis) (3)

609 Sport Psychology (3)

611 Practicum in Sport and Exercise Psychology (3)

619 Introduction to Adapted Physical Education (3)

620 Physical Education Workshop (1-8)

621 Assessment in Adapted Physical Education (3)

630 Evaluation in Physical Education (3)

644 Psycho-Social Processes of Sport and Physical Activity (3)

660 Psychology of Exercise and Health (3)

685 Curriculum Development in Physical Education (3)

690 Sport Sociology (3)

695 Current Teaching Methodology in Physical Education (3)

699 Independent Study (1-3)

KINESIOLOGY (KINE)

Revised:

231 (PEP 231) Foundations of Coaching (3) Engages all students to focus on the principles and philosophies of coaching team and individual sports. Content focuses on the application of these concepts in the development of a sound coaching philosophy. Based on the National Coaching Education Program Standards (NASPE-NCACE-ASEP).

240 (AT 240) Athletic Safety and Injury Prevention (3) Engages all students to focus on the prevention, identification, and basic rehabilitation of common athletic injuries and environmental illnesses. Students will learn how to implement and manage safety policies and procedures as well as when to refer to trained medical personnel to ensure the well-being of participants in athletic and fitness programs.

409 (PEP 409) Psychological/Social Issues in Sport (3) Covers practical applications of the social and psychological issues which influence individual and/or team performance; content based on two domains of the National Coaching Standards and the NASPE/NASSM Standards for Sport Management Programs.

Prerequisite: permission of the coaching minor program coordinator.

Open only to sport administration majors and accepted coaching minors.

433 (PEP 433) Coaching Internship (3) The student-coach will assist in coaching competitive sports. Supervised field-based experiences and in-depth daily and weekly reflection centering on self-awareness and the teaching-coaching process will occur during the course of the internship. The student-coach will become certified through a coaching association of their choice (with the approval of the Coaching Minor Program Coordinator) to prepare them for a future in the coaching profession.

Prerequisite: KINE 231 with a *C* or better, current CPR/first aid/AED certified; permission of the Coaching Minor Program Coordinator.

Open only to accepted coaching minor students.

499 (PEP 499) Independent Study in Kinesiology (1-3) An opportunity to investigate an area of particular interest to the student, under supervision of a faculty member. Extensive reading, research, analysis, and writing.

Prerequisite: permission of the department chairperson.

A total of 3 credits may be earned.

601 (PEP 601) Research Applications (Non-Thesis) (3) Examination of research related to sports studies in the field of Kinesiology. Emphasis placed on the critical evaluation of research and its applicability to practice.

620 (PEP 620) Kinesiology Special Topics (1-9) Selected topics in Kinesiology, including athletic training, athletic coaching education, biomechanics, exercise science, sport and exercise psychology, and sport administration.

A total of 9 credits may be earned.

699 (PEP 699) Independent Study (1-3) Designed for students who wish to conduct an independent study in kinesiology.

Prerequisite: permission of the director of kinesiology graduate studies through formal petition.

A total of 3 credits may be earned.

SPORT AND EXERCISE PSYCHOLOGY (SEPS)

New:

600 Internship in Sport and Exercise Psychology (1-6) This course, taught by a mental performance consultant certified through the Association of Applied Sport Psychology, will entail analysis, synthesis, and application of advanced sport and exercise psychology topics and techniques with individuals and teams. Students will work with clients throughout the semester in a mentored environment.

Prerequisite: SEP 609 and 611; permission of the program coordinator.

A total of 6 credits may be earned.

605 (AT 577) Psychology of Injury Rehabilitation (3) Presents the psychological impact of musculoskeletal injury and related factors involved in the rehabilitation process. Includes the sociocultural, mental, emotional, and physical behaviors of patients involved in injury rehabilitation.

Parallel: SEP 609.

609 (PEP 609) Sport Psychology (3) Introduces the field of sport psychology, emphasizing the role of psychological phenomena in behavior in sport and physical activity settings and how participation in sport and physical activity influences the psychological characteristics of the individual.

611 (PEP 611) Practicum in Sport and Exercise Psychology (3) This course, taught by a certified sport psychology consultant, will entail analysis, synthesis, and application of advanced sport and exercise psychology topics and techniques with individuals and teams. Special emphasis will be placed on blending theory and ethical guidelines with applied issues through fieldwork experiences with various populations.

Prerequisite: SEP 609; permission of the instructor or program coordinator.

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

644 (PEP 644) Psycho-Social Processes of Sport and Physical Activity (3) Focuses on dynamic nature and function of sports teams and physical activity groups. Topics include group structure, norms, and roles; motivation and climate; and group/team identity, cohesion, and leadership. Introduces concepts, principles, theories, and practical applications.

660 (PEP 660) Psychology of Exercise and Health (3) Provides an overview of psychological and social issues related to exercise and health behavior. Emphasizes understanding concepts, principles, and theories, and their application in the practice of promoting and supporting regular exercise participation and positive health behaviors.

690 (PEP 690) Sport Sociology (3) An insight into America's heritage of sports and physical education and how this and various cultural and social institutions influence contemporary sports in the United States.

Department of Nutrition and Health Science

HEALTH SCIENCE (HSC)

Revised:

387 Quantitative Methods and Epidemiology in Health Promotion (3) Introduction to the basic concepts, methods, and tools of public health data collection, use and analysis, practical applications of quantitative methods in health science. Weekly two-hour laboratory period emphasizes data management and analysis using advanced technology.

Prerequisite: MATH 108 or 111 or 112 or 125 or 132 or 161 or 162 or 165 or 166.

Open only to juniors and above.

NUTRITION (NUTR)

New:

664 Nutrition in Cardiovascular Diseases (3) Provides an in-depth discussion of the science and application of nutrition therapy in the treatment of cardiovascular diseases.

Open only to NUTD majors.

COLLEGE OF SCIENCES AND HUMANITIES

Interdepartmental Programs

Dropped:

DOCTOR OF EDUCATION (EdD) IN SCIENCE EDUCATION, 90 credits

COLLEGE OF SCIENCES AND HUMANITIES (CSHU)

Department of Chemistry

Correction:

CHEM 241
Current parallel: CHEM 230 or 231 with a C or better.
Revised to a *D*- or better for 201820.

CHEM 230
Current parallel: CHEM 241 with C or better.
Revised to a *D*- or better for 201820.

CHEM 231
Current parallel: CHEM 241 with C or better.
Revised to a *D*- or better for 201820.

CHEM 232
Current parallel: CHEM 242 with C or better.
Revised to a *D*- or better for 201820.

CHEM 241
Current parallel: CHEM 230 or 231 with C or better.
Revised to a *D*- or better for 201820.

CHEM 242
Current parallel: CHEM 232 with a C or better.
Revised to a *D*- or better for 201820.

CHEM 360
Current parallel: CHEM 361 with a C or better.
Revised to a *D*- or better for 201820.

CHEM 361
Current parallel: CHEM 360 with a C or better.
Revised to a *D*- or better for 201820.

Department of Computer Science

Revised:

MASTER OF SCIENCE IN COMPUTER SCIENCE, 30 credits

Admission requirements
In addition to meeting the admission requirements of the Graduate School, applicants must have departmental approval for admission. Applicants must submit three letters of recommendation, a one-page statement of educational goals, and either 1) a GPA equivalent to at least 3.25 or, 2) a GPA equivalent to at least 3.0 *and* a score of at least 150 each on *both* the verbal portion and quantitative portion of the Graduate Record Examination (GRE) for a total of at least 300.

Background courses
Students whose undergraduate transcripts do not include courses similar to the ones listed below will be required to take the following courses if a substantially similar one is not on their undergraduate transcript and achieve a grade of B or better. These courses provide the background material that is assumed in the required and elective courses and will not count towards the total required number of course credits for the master's degree.

PREFIX	*NO*	*SHORT TITLE*	*CREDITS*
Required mathematics background courses (up to 6 credits)			
MATH	161	Applied Calculus 1 (3)	
	181	Elementary Probability Stats (3)	
	or		
	221	Probability and Statistics (3)	3
			6 crs
Required computer science background courses (up to 23 credits)			
CS	120	Comp Sci 1: Prog Fundamentals (4)	
	121	Computer Science 2 (4)	
	124	Discrete Structures (3)	
	224	Des and Analy of Algorithms (3)	
	230	Computer Org and Arch (3)	
	380	Theory of Computation 1 (3)	
	419	Operating Systems (3)	3
			23 crs

Required graduate courses, 12 credits

Traditional concentration			
CS	668	Graphs, Algo, and Apps	3
	670	Advanced Theory of Computation	3
	689	Research Methods	3
	690	Software Engineering	3
			12 crs
OR			
Software Engineering concentration			
CS	689	Research Methods	3
	690	Software Engineering	3
	691	Soft Req and Design	3
	692	Soft Ver and Val	3
			12 crs
Elective graduate courses as approved by departmental graduate advisor:			
		Electives at 600-level	12
		General electives	6
			18 crs
			30 crs

MASTER OF SCIENCE IN SOFTWARE ENGINEERING, 33 credits

Background courses
Students whose undergraduate transcripts do not include courses similar to the ones listed below will be required to take all of the following courses and achieve a grade of *B* or better. These courses provide the background material that is assumed in the required and elective courses and will not count towards the total required number of course credits for the master's degree.

PREFIX	*NO*	*SHORT TITLE*	*CREDITS*
CS	120	Comp Sci 1: Prog Fundamentals	4
	121	Computer Science 2	4
	124	Discrete Structures	3
	224	Des and Analy of Algorithms	3
	230	Computer Org and Arch	3
	346	Database Design	3
	416	Computer Networks	3
MATH	161	Applied Calculus 1	3
	181	Elementary Probability Stats (3)	
	or		
	221	Probability and Statistics (3)	
	or		
ECON	221	Business Statistics (3)	3
Required courses, 18-21 credits			
CS	689	Research Methods	3
	690	Software Engineering	3
	691	Soft Req and Design	3
	692	Soft Ver and Val	3
	693	Metrics and Models	3
	695	Software Engineering Capstone (3)	
	or		
THES	698	Thesis (6)	3-6
			18-21 crs

Elective courses, 12-15 credits
Additional graduate level courses approved by the department's director of graduate programs such that at least 27 of the 33 credits are from 600-level courses. 12-15

33 crs

COMPUTER SCIENCE (CS)

Revised:

520 Multitier Web Architectures (3) Topics include n-tier architectures, data access, and application logic layers, Web services, scalability, advanced XML, service-oriented architectures, object access protocols, and Web site administration and security. Projects will be used to reinforce concepts. Before enrolling, a student is expected to have taken CS 224 or the equivalent of two semesters of programming and an undergraduate algorithms course.

Prerequisite: permission of the department chairperson.

Not open to students who have credit in CS 397 or 420 or 597.

527 Computer Networks (3) Covers various networks such as Internet, WiFi and Ethernet. The focus in on TCP/IP network layers and protocols such as physical layer, data link protocol, media access control, routing, transport and application, and network security. Before enrolling, a student is expected to have taken CS 224 or the equivalent of two semesters of programming and an algorithm course.

Prerequisite: permission of the department chairperson.

Not open to students who have credit in CS 327 or 416.

Open only to students in the Master of Science in Computer Science program.

531 Programming Languages (3) Study of principles of programming languages. Emphasizes language paradigms and important features, structures, characteristics, and formal syntax of modern high-level programming languages. Examples of languages in each paradigm will be studied. Before enrolling, a student is expected to have taken undergraduate courses on computer organization and architecture as well as multiple semesters of programming courses including object-oriented programming.

Prerequisite: permission of the department chairperson.

Not open to students who have credit in CS 335 or 431.

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

Prerequisite: permission of the department chairperson.

A total of 6 credits may be earned.

545 Human-Computer Interaction (3) Investigation into the principles and practice of user interface design, evaluation, and implementation. Topics include user-centered design, graphical user interface programming, evaluation methods, and software architectures. Before enrolling, a student is expected to have taken CS 224 or the equivalent of two semesters of programming and an algorithms course.

Prerequisite: permission of the department chairperson.

Not open to students who have credit in CS 345 or 445.

546 Database Design (3) An introduction to database requirements analysis, modeling, creation, and usage. Topics include ER model, relational model, relational algebra, SQL, dependencies and normal forms, indexes, views, sequences, web-based client-server applications development, ETL, procedural language, database security, and NoSQL. Before enrolling, a student is expected to have taken CS 222 or the equivalent of two semesters of programming and an algorithms course.

Prerequisite: permission of the department chairperson.

Not open to students who have credit in CS 346 or 418.

Open only to students in the Master of Science in Computer Science program.

547 Computer, Information, and Network Security (3) Topics include encryption, decryption, protocols, viruses, network security, authentication, legal and ethical issues, and security in operating systems, databases, e-commerce, Internet, wireless. Algorithms, protocols, applications such as RSA, DES, SSL, Firewalls, Digital Signatures, and VPNs, and emerging topics will be explored. Before enrolling, a student is expected to take CS 527 or a similar undergraduate networking course or a similar undergraduate operating systems course.

Prerequisite: permission of the department chairperson.
Not open to students who have credit in CS 447.

621 (521) Data Analytics (3) Discussion of data acquisition, transformation, manipulation and visualization and their applications on large-scale unstructured, semi-structured and structured data. Implementation of data analytics methods, algorithms, software, and systems. Use of large-scale data processing systems. Comparison of the current and future trends for big data analytics. Students are expected to have completed introductory programing courses before enrolling.

Not open to students who have credit in CS 321 or 421 or 521.

654 (555) Data Mining (3) Discussion of data mining algorithms, implementations, systems, and applications. Topics include data preprocessing, data clustering, data classification, mining association rules, and anomaly detection. Software implementation of data mining algorithms. Data mining applications on real data in various domains. Students enrolling in this course are expected to have completed an undergraduate introductory programming sequence.

Prerequisite: permission of the department chairperson.
Not open to students who have credit in CS 455 or 555.

Dropped:

510 Introduction to Web Programming (3)

519 Operating Systems (3)

521 Foundations of Data Analytics (3)

555 Data Mining (3)

556 Image Processing (3)

Department of Geography

GEOGRAPHY (GEOG)

Revised:

240 Maps and Spatial Reasoning (3) A map is a complex graphic representation used as a means of communication. Considerable knowledge must be brought to the successful task of reading a map. This course will introduce students to the fundamentals of maps and spatial reasoning. It will acquaint students with the nature and quality of information that maps convey and the methods, techniques and technologies to produce and analyze them.

Department of Modern Languages and Classics

CLASSICAL CULTURE (CC)

New:

206 Sport, Competition, and Spectacle in the Ancient World (3) An examination of the principles of competition and love of glory and their impact on the cultural and social institutions of Greece, Rome, and other ancient Mediterranean civilizations. Special emphasis will be laid on the great games of the Greeks and Romans and the arena spectacles of the Romans. Attention will also be paid to the pressures which arise in face-to-face societies and to the rivalries which led to a culture of conquest in the Mediterranean world.

306 Murder and Mayhem in Ancient Drama (3) An examination of the dramatic literatures of ancient Greece, Rome, and other ancient Mediterranean cultures (tragedy, comedy, mime, etc.), studied as literary genres, as predecessors of Western drama, and as reflections of social institutions and cultures. Emphasis will be placed on developing a critical understanding of ancient dramatic texts and their uses within ancient and modern societies. Selections will vary.

400 Classical Cultures in Context (3) Study of intermediate or advanced language(s), literature(s), and culture(s) of the ancient Mediterranean in a foreign country where students are immersed within another culture. May include seminars arranged during travel.

Prerequisite: permission of the instructor.

Dropped:

303 Greek and Roman Cults (3)

402 Ancient Drama (3)

GREEK (GRK)

Dropped:

101 Beginning Greek 1 (3)

102 Beginning Greek 2 (3)

201 Intermediate Greek 1 (3)

202 Intermediate Greek 2 (3)

301 Advanced Greek 1 (3)

302 Advanced Greek 2 (3)

305 Homer (3)

498 Readings (1-9)

TEACHERS COLLEGE

Department of Educational Leadership

Revised:

MASTER OF ARTS IN EDUCATION IN EDUCATIONAL ADMINISTRATION AND SUPERVISION, 36 credits

Admission requirements
Applicants for the MAE in Educational Administration and Supervision must complete the university application for graduate admission form and return it to the Graduate School. To be admitted to graduate study toward this master's degree, a student must meet the following minimum criteria:

A. Hold an earned bachelor's degree from a college or university that is accredited by its regional accrediting association.
B. Have one of the following:
   - An undergraduate cumulative grade-point average (GPA) of at least 2.75 on a 4.0 scale.
   - A cumulative GPA of at least 3.0 on a 4.0 scale in the latter half of the baccalaureate.
   - A 3.2 GPA in 9 credits of graduate work approved by the chairperson in the major department and an acceptable score on the Graduate Record Examination (GRE). Such students will be considered probationary students until the conditions of their admission have been met.

Degree requirements
The MAE in Educational Administration and Supervision degree requires completion of at least 36 credits of graduate course work. A minimum of 27 credits must be completed in the major, supplemented by a course in research, a course in curriculum, and a foundations course.

A student must maintain a GPA of at least 3.2 on a 4.0 scale.
The following courses, totaling 27 credits, must be taken in educational administration and supervision

PREFIX	*NO*	*SHORT TITLE*	*CREDITS*
Required courses			
EDAD	600	Intro to Ed Leadership	3
	630	Human Resource Development	3
	635	Educational Decision Making	3
	684	Educational Finance and Ethics	3
	686	School Law	3
	689	The School Principal	3
	694	Principal Internship (3)	6
	650	Supervision of Instruction	3
			27 crs
The remaining 9 credits are designated as follows			
EDCU	601	Princ and Proc of Curr Dev	3
EDPS	640	Research Methods	3
And one course from			
EDFO	621	Education and Ethics (3)	
	641	History of American Education (3)	
EDMU	660	Multcl Multieth Ed in Amer Sch (3)	3
			9 crs
			36 crs

Department of Educational Studies

EDUCATION: SECONDARY (EDSE)

Revised:

320 Reading for Diverse Learners in Secondary Content Classes (3) Prepares secondary pre-service teachers to meet the developmental literacy/learning needs of the diverse student population that they will encounter in their content area classes. Offered on-line only.

Prerequisite: successful completion of an introductory course in the content major.

Department of Special Education

Revised:

DOCTOR OF EDUCATION IN SPECIAL EDUCATION, 91 credits

Designed to meet the needs of advanced graduate students seeking to assume leadership roles in special education in one or more of the following positions: school leadership, administration; consultation; or in higher education as a teacher educator, special education manager, curriculum specialist, and researcher/evaluator. Upon successfully completing the program, the candidate will hold a doctor of education degree in special education.

Admission requirements
Applicants must meet the admission requirements of the Graduate School. An applicant must also hold a master's degree from an accredited institution, have two years of

successful appropriate professional experience, have a grade-point average (GPA) of at least 3.2 on a scale of 4.0 at the master's level, achieve acceptable composite scores on the Graduate Record Examination (GRE) general test, and be recommended by the department's graduate faculty.

Degree requirements

The doctoral degree with a major in special education requires a minimum of 91 graduate credits, 48 of which must be completed at Ball State University. A minimum of 40 credits must be in the major area. The program consists of several basic required courses as well as one required 15-credit cognate: Research Foundations in Disability Studies. Nine credits of the 15-credit cognate must be completed at Ball State University. Students typically complete a special education concentration or second cognate. At the discretion of the committee, up to 36 credits transfer or previously completed credits at Ball State University can be applied toward the 91-credit (minimum) doctoral degree.

PREFIX	*NO*	*SHORT TITLE*	*CREDITS*
Special education core, 34 credits			
DISS	799	Doctoral Dissertation (1-24)	10
ID	705	Research Colloquium (1-3)	3
SPCE	600	Educ of Exc Children	3
	609	Intro to App Beh Analy	3
	632	Intro to Emo and Behav Dis	3
	701	Sem: Pols and Issues Spec Ed (3)	
	or		
	622	Intro to Law Hi Ed Issues (3)	3
	702	Lrn, Beh, and Dev Dis Spec Nds	3
	706	Sem-Stratgs Int Int Nds (3)	
	or		
	707	Sem-Stratgs Mild Inter Nds (3)	
	or		
	709	Behavior and Except Person (3)	3
	764	Seminar in Special Education (3-6)	3
			34 crs

Another SPCE 700-level seminar may be substituted for SPCE 706, 707, or 709 with permission from the chair or director.

Research Foundations in Disability Cognate, 15 credits

The Department of Special Education offers a single cognate of 15 credits that will satisfy the required research cognate for the doctoral program. Of these 15 credits, 9 must be taken at Ball State.

PREFIX	*NO*	*SHORT TITLE*	*CREDITS*
EDPS	641	Intro Statistical Methods	3
	642	Analysis of Variance	3
EDST	650	Intro to Qual Res	3
SPCE	630	Research Behavior Analysis	3
	636	Research in Special Education	3
			15 crs

Concentration classes, a second cognate, and/or directed electives approved by the doctoral committee. 42 crs

91 crs

Policy and Administration concentration

The Policy and Administration concentration focuses on candidates interested in policy areas related to disability public policy and laws and those interested in the administration and management of program services in special education. Candidates are immersed in laws and policies that shape disability services and organizational behavior theories and principles that are applied to the administration of service delivery systems geared toward programs for persons with disabilities. Many candidates choose to complete a cognate in the area of educational leadership and work to add the director of exceptional needs to their current IDOE professional education license.

PREFIX	*NO*	*SHORT TITLE*	*CREDITS*
Required courses			
SPCE	637	Org and Admin of Spec Ed	3
	639	Spec Ed Admin and Org Beh	3
Directed elective requirements			
SPCE	706	Sem-Stratgs Int Int Nds (3)	
	or		
	707	Sem-Stratgs Mild Inter Nds (3)	
	or		
	709	Behavior and Except Person (3)	3
SPCE 709 is the preferred seminar course.			
3 credits from one of the following areas:			
Policy			
SPCE	677	Tch Parnts to Educate Exc Chld (3)	
	or		
	687	Educ Assessment: Mild Int (3)	
Administration			
SPCE	624	Voc Prep and Trans Studs Dis (3)	
	or		
	636	Research in Special Education (3)	
	or		
	694	Intern in Spec Ed (3-9)	3
			12 crs

Applied Behavior Analysis (ABA) and Autism concentration

The ABA and Autism concentration focuses on principles and theories related to applied behavior analysis and their applications with persons with autism. Principles of behavior, behavior consultation techniques, and treatment/intervention strategies are core concepts and skills explored. Students seeking to complete coursework with the goal of sitting for the Behavior Analysis Certification Board national exam should anticipate taking additional coursework and obtaining field-based experience.

Required courses

SPCE	609	Intro to App Beh Analy	3
	610	Behavioral Consultation	3

Directed elective requirements

SPCE	706	Sem-Stratgs Int Int Nds (3)	
	or		
	707	Sem-Stratgs Mild Inter Nds (3)	
	or		
	709	Behavior and Except Person (3)	3

SPCE 709 is the preferred seminar course.

3 credits from one of the following areas:

ABA

SPCE	611	Adv Applied Behavior Analysis (3)	
	or		
	689	Verbal Behavior (3)	

Autism

SPCE	680	Intro Persons Aut Spec Dis (3)	
	or		
	682	Interv and Treat Persons Aut (3)	3

12 crs

Emotional and Behavioral Disorders concentration

The Emotional and Behavioral Disorders concentration is designed for candidates who are interested in gaining expertise in the education and treatment of individuals with emotional and behavioral disorders (EBD) in school settings. Candidates completing the required coursework in the concentration will be better prepared to meet the unique needs of students with and at-risk for EBD in a variety of educational settings.

PREFIX	*NO*	*SHORT TITLE*	*CREDITS*
Required courses			
EDPS	606	Learn Achievement Motivation	3
SPCE	604	ABA for Teachers	3
	632	Intro to Emo and Behav Dis	3
	634	Education Emo and Behav Dis	3
	635	Advanced Studies in EBD	3
			15 crs

Multi-Tier System of Supports/Response to Intervention concentration

The Multi-Tier System of Supports/Response to Intervention concentration is designed for candidates with the ability to provide early, effective assistance to children who are having difficulty learning. Candidates will learn how to lessen the chance of academic failure through early intervention, skills for frequent progress measurement, and intensive, research-based instructional interventions for children who are having academic difficulties. Candidates will gain the expertise to implement the latest and best practices in special education for determining the ideal instructional methods and placement for a child.

PREFIX	*NO*	*SHORT TITLE*	*CREDITS*
Required courses			
EDEL	655	Princ of Diff Elem Classroom	3
SPCE	606	MTSS/RTI: Seminar	3
	607	MTSS/RTI: Track Stud Prog	3

Select two courses from one of the sequences listed below

Behavior (SPCE)

SPCE	690	Intro to App Beh Analy	3
	610	Behavioral Consultation	3

Reading (ELED)

EDRD	690	Reading Practicum	3
	692	Clinical Diag Rdg Difficulties	3
	or		
	six credits of discipline specific course work (with permission)		
			15 crs

Low Incidence: Teaching and Learning concentration

The Low Incidence concentration focuses on specific strategies and instructional approaches that are evidence-based related to teaching and learning for persons with low incidence disabilities. Principles of behavior, communication (including alternative and augmentative systems), accommodations, and treatment/intervention strategies used with individuals with severe and moderate disabilities are key concepts and skills presented. Candidates have the opportunity to expand their teaching repertoire as they work with students with low incidence in special education settings. Teacher education preparation is also a focus on the program.

PREFIX	*NO*	*SHORT TITLE*	*CREDITS*
Required courses			
SPCE	577	Intro to Intense Interv Needs	3
	578	Educ Meth for Int Inter Nds	3

Directed elective requirements

SPCE	706	Sem-Stratgs Int Int Nds (3)	
	or		
	709	Behavior and Except Person (3)	3

SPCE 706 is the preferred seminar course.

3 credits from one of the following areas:

Severe

SPCE	609	Intro to App Beh Analy (3)	
	or		
	631	Comp Tech and Learner Spec Nds (3)	

Autism

SPCE	680	Intro Persons Aut Spec Dis (3)	
	or		
	682	Interv and Treat Persons Aut (3)	3

High Incidence: Teaching and Learning concentration

The High Incidence concentration focuses on specific strategies and instructional approaches that are evidence-based related to teaching and learning for persons with high incidence disabilities. Principles of assessment, instructional methods, accommodations, and intervention strategies used with individuals with mild disabilities are key concepts and skills presented. Candidates have the opportunity to expand their teaching repertoire as they work with students with high incidence in special education settings. Teacher education preparation is also a focus on the program.

PREFIX	*NO*	*SHORT TITLE*	*CREDITS*
Required courses			
SPCE	686	Intro: Mild Interventions	3
	687	Educ Assessment: Mild Int	3
Directed elective requirements			
SPCE	603	Collab in Spec Educ (3)	
	or		
	631	Comp Tech and Learner Spec Nds (3)	
	or		
	688	Methods of Mild Intervention (3)	
	or		
	707	Sem-Stratgs Mild Inter Nds (3)	
	or		
	709	Behavior and Except Person (3)	3
SPCE 707 is the preferred seminar course.			
			9 crs

Special Education General concentration

The Special Education General concentration remains the same as the current Doctor of Education in Special Education offering.

Required courses			
SPCE	600	Educ of Exc Children	3
	636	Research in Special Education	3
Directed elective requirements			
SPCE	706	Sem-Stratgs Int Int Nds (3)	
	or		
	707	Sem-Stratgs Mild Inter Nds (3)	
	or		
	709	Behavior and Except Person (3)	3
	(SPCE 707 is the preferred seminar course.)		
			9 crs

Exceptional Needs: Intense Intervention

The Indiana developmental levels covered by the Exceptional Needs: Intense Intervention license will match the levels of coverage of the candidate's existing teaching licenses. Please contact the Office of Teacher Education and Clinical Practice for other requirements.

PREFIX	*NO*	*SHORT TITLE*	*CREDITS*
SPCE	566	Intro to Ortho, Sens, Mul Dis	3
	577	Intro to Intense Interv Needs	3
	578	Educ Meth for Int Inter Nds	3
	579	Educ Meth Orthop-Sens	3
	580	Educ HS Intense Inter Nds	3
	600	Educ of Exc Children	3
	604	ABA for Teachers	3
	631	Comp Tech and Learner Spec Nds	3
	693	Pract in Spec Ed: Phys Imp (1-9)	3
	698	Pract Spec Ed: Int Interv (1-9)	3
			30 crs

Exceptional Needs: Mild Intervention

This licensure program requires an existing elementary and/or secondary teaching license. The Indiana developmental levels covered by the Exceptional Needs: Mild Intervention license will match the levels of coverage of the candidate's existing teaching licenses. Please contact the Office of Teacher Education and Clinical Practice for other requirements.

PREFIX	*NO*	*SHORT TITLE*	*CREDITS*
The following courses or approved undergraduate equivalents:			
EDRD	610	Teaching of Reading Elem Sch	3
SPCE	600	Educ of Exc Children	3
	603	Collab in Spec Educ	3
	604	ABA for Teachers	3
	632	Intro to Emo and Behav Dis	3
	686	Intro: Mild Interventions	3
	687	Educ Assessment: Mild Int	3
	688	Methods of Mild Intervention	3
	697	Practicum: Mild Interventions (1-9)	3
			27 crs

Certificate in Applied Behavior Analysis, 15 credits

PREFIX	*NO*	*SHORT TITLE*	*CREDITS*
15 credits from			
SPCE	609	Intro to App Beh Analy (3)	
	610	Behavioral Consultation (3)	
	611	Adv Applied Behavior Analysis (3)	
	619	Prof Issues in Appd Beh Analy (3)	
	630	Research Behavior Analysis (3)	
	689	Verbal Behavior (3)	
	691	Superv Human Serv Staff in ABA (3)	15
			15 crs

Certificate in Multi-Tier System of Supports/Response to Intervention, 15 credits

PREFIX	*NO*	*SHORT TITLE*	*CREDITS*
EDEL	655	Princ of Diff Elem Classroom	3
SPCE	606	MTSS/RTI: Seminar	3
	607	MTSS/RTI: Track Stud Prog	3
Select two courses from one of the sequences listed below			
Behavior (SPCE)			
SPCE	609	Intro to App Beh Analy	3
	610	Behavioral Consultation	3
	or		
Reading (ELED)			
EDRD	690	Reading Practicum	3
	692	Clinical Diag Rdg Difficulties	3
	or		
six credits of discipline specific course work (with permission).			6
			15 crs

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