



MISSISSIPPI STATE
UNIVERSITYTM

*UNIVERSITY COMMITTEE ON
COURSES AND CURRICULA*

A MEMORANDUM

DATE: April 15, 2015
TO: Academic Deans Council
FROM: Dr. Kirk Swortzel
UCCC Chair
RE: Change Notice 4

Listed below are curriculum change proposals which have been recommended by the University Committee Courses and Curricula. Under current procedure, members of the Academic Deans Council may question the approval of these proposals at any time prior to 5:00 p.m. on April 28, 2015 by contacting Dr. Kirk Swortzel (5-7837) or the office of the Vice President for Academic Affairs (5-3742). If no questions have been raised, the proposals will be considered approved automatically.

1. Course Proposal

AGRICULTURE AND LIFE SCIENCES

Addition +Distance	AIS 4710/6710	Approved	AIS 4710/6710 Study Tour. (3). Experiential learning through travel in the United States or abroad focusing on specialized areas of study in Agricultural Education. Method of Instruction: A Method of Delivery: F CIP: 01.0801 30 Char: Study Tour Effective: Summer 2015
Addition	EPP 4254/6254	Tabled	EPP 4254/6254 Introduction to Mycology.
Addition +Maymester	EPP 4264/6264	Tabled	EPP 4264/6264 Advanced Mycology.
Modification +Maymester	HS 4710/6710	Approved	FROM: HS 4710/6710 Study Tour. (1-3). Experiential learning through travel in the United States or abroad focusing on specialized areas of study in home economics. TO: HS 4710/6710 Study Tour. (1-3). Experiential learning through travel in the United States or abroad focusing on areas of study in human sciences. Effective: Summer 2015

← already approved for distance

ARCHITECTURE, ART AND DESIGN

Addition	ART 3643	Approved	ART 3643 Art of the Graphic Novel. (3). Three hours lecture. An introduction to the history of the extended comic strip, or graphic novel, and to examples of this art form's major works. Method of Instruction: C Method of Delivery: F CIP: 50.0703 30 Char: Art of the Graphic Novel Effective: Summer 2015
----------	----------	----------	--

Addition	BCS 3006	Approved	BCS 3006 Construction Internship/Co-Op. (6). (Prerequisite: BCS 2116 and consent of instructor) Supervised professional work experience of 480 hours with a professional construction firm in which the student obtains on-the-job experience in aspects of construction management. Method of Instruction: E Method of Delivery: F CIP: 46.0412 30 Char: Construction Internship/Co-Op Effective: Fall 2015
----------	----------	----------	---

ARTS AND SCIENCES

Addition	BIO 4424/6424	Approved	BIO 4424/6424 Eukaryotic Microbiology. (4). (Prerequisites: BIO 1134, BIO 1144, and BIO 2103). Three hours lecture. Three hours laboratory. This course examines aspects of the basic biology and evolution of microbial eukaryotes (protists) from a comparative perspective. Method of Instruction: B Method of Delivery: F CIP: 26.0502 30 Char: Eukaryotic Microbiology Effective: Spring 2016
----------	---------------	----------	---

EDUCATION

Modification + Distance EDS 8886 to EDS 8883	Approved	<p>FROM: EDS 8886 Dimensions of Learning I (6). (Prerequisites: Admission to MATS Program. EDS 8243, EPY 6313, and EDS 6633 or EDS 6653 or EDS 6673 or other related methods course). Six hours clinical instruction. Supervised observation and directed teaching in respective field of endorsement.</p> <p>TO: EDS 8883 Secondary Internship I. (3). Three hours clinical instruction. (Prerequisite: Admission to MAT-S, EDS 8113, and EPY 8473; Corequisite: EDS 8153). Professional and supervised full-day public school teaching experience for 8 weeks (320 hours) in respective field of endorsement.</p> <p>Method of Instruction: H Method of Delivery: F & O CIP: 13.1001 30 Char: Secondary Internship I Effective: Fall 2015</p>
Modification EDS 8896 to EDS 8893	Approved	<p>FROM: EDS 8896 Dimensions of Learning II. (6). (Prerequisites: Admissions to MATS Program, EDS 8243, EPY 6313, and EDS 6633 or EDS 6643 or EDS 6653 or EDS 673 or other related methods course). Six hours clinical instruction. Supervised observation and directed teaching in respective field of endorsement.</p> <p>TO: EDS 8893 Secondary Internship II. (3). Three hours clinical instruction. (Prerequisites: Admission to MAT-S and EDS 8883). Professional and supervised full-day public-school teaching experience for 8 weeks (320 hours) in respective field of endorsement.</p> <p>Method of Instruction: H Method of Delivery: F & O CIP: 13.1001 30 Char: Secondary Internship II Effective: Fall 2015</p>

already
approved
for
distance

Modification	EDX 3223	Approved	<p>FROM: EDX 3223 Introduction to the Emotional/Behavioral Disorders. (3). Three hour lectures and field trips. Survey to acquaint students with emotionally disturbed and behaviorally disordered children giving an overview of the theoretical approaches in their education.</p> <p>TO: EDX 3223 Introduction to Emotional/Behavioral Disorders. (3). Three hours lecture. Understanding children with emotional/behavioral disorders. Overview of the theoretical approaches to their education.</p> <p>Method of Instruction: C Method of Delivery: F CIP: 13.1001 30 Char: Intro to Emtnl/Behav Disorders Effective: Summer 2015</p>
Modification	EDX 3233	Approved	<p>FROM: EDX 3233 Contingency Management with Exceptional Children. (3). Three hours lecture. Competency-Based Instructional Sequence and field experience. A study of the components of contingency management with emphasis on application in the field with exceptional children.</p> <p>TO: EDX 3233 Contingency Management. (3). Three hours lecture. A study of the components of contingency management with emphasis on application in the field with exceptional children.</p> <p>Method of Instruction: C Method of Delivery: F CIP: 13.1001 30 Char: Contingency Management Effective: Summer 2015</p>

Modification EDX 4113/6113 +Distance	Approved	<p>FROM: EDX 4113/6113 Diagnostic-Prescriptive Methods and Materials for Elementary Age Disabled. (3). (Prerequisite: Admission to Teacher Education). Three hours of lecture and laboratory work including assessment and individualized programming utilizing methods and materials for EMR and LD preschool and primary level children.</p> <p>TO: EDX 4113/6113 Methods and Materials for Early Childhood Students with Disabilities. (3). (Prerequisite: Admission to Teacher Education). Three hours lecture. Field based. Assessment and individualized programming utilizing methods and materials for preschool and primary level children with disabilities.</p> <p>Method of Instruction: C Method of Delivery: F & O CIP: 13.1001 30 Char: Mthds/Mats Erly Child w/Dsblts Effective: Fall 2015</p>
Modification EDX 4123/6123	Approved	<p>FROM: EDX 4123/6123 Diagnostic-Prescriptive Methods and Materials for Elementary Age Disabled. (3). (Prerequisite: Admission to Teacher Education). Three hours of lecture and laboratory work including assessment and individualized programming utilizing methods and materials for EMR and LD preschool and primary level children.</p> <p>TO: EDX 4123/6123 Methods and Materials for Elementary Students with Disabilities. (3). (Prerequisite: Admission to Teacher Education). Three hours lecture. Field based. Assessment and individualized programming utilizing methods and materials for elementary age children with disabilities.</p> <p>Method of Instruction: C Method of Delivery: F CIP: 13.1001 30 Char: Mthds & Mtrls Elem Disabil Effective: Fall 2015</p>

Modification EDX 4133/6133	Approved	<p>FROM: EDX 4133/6133 Diagnostic-Prescriptive Methods and Materials for Secondary Age Disabled. (3). (Prerequisite: Admission to Teacher Education). Three hours of lecture and laboratory work including assessment and individualized programming utilizing methods and materials for EMR and LD secondary school-age children.</p> <p>TO: EDX 4133/6133 Methods and Materials for Secondary Students with Disabilities. (3). Prerequisite: Admission to Teacher Education). Three hours lecture. Field based. Assessment and individualized programming utilizing methods and materials for secondary age children with disabilities.</p> <p>30 Char: Mthds & Mtrls for Scndry Disab Effective: Fall 2015</p>
Modification EDX 4353/6353	Approved	<p>FROM: EDX 4353/6353 Assistive Technology in Special Education. (3). Three hours lecture. Application of adaptive technology with microcomputers in the education of students with special needs.</p> <p>TO: EDX 4353/6353 Assistive Technology in Special Education. (3). Three hours lecture. Application of assistive technology in the education of students with special needs.</p> <p>Effective: Fall 2015</p>
Modification EDX 4413/6413	Approved	<p>FROM: EDX 4413/6413 Working with Parents of Exceptional Children. (3). Three hours lecture. A study of the development, goals, and objectives of organized parent educational groups. A study of problems of parents of children who have disabilities.</p> <p>TO: EDX 4413/6413 Working with Families of Students with Disabilities. (3). Three hours lecture. A study of the development, goals, and objectives of family groups. A study of problems of families who have children with disabilities.</p> <p>30 Char: Wk W/Fams of Stdts w/Disab Effective Date: Fall 2015</p>

Modification EDX 4503/6503	Approved	<p>EDX 4503/6503 Teaching the Severely and Profoundly Impaired Child. (3). Two hours lecture. One hour practicum. A survey of operational models and techniques to be implemented with the Severely/Profoundly Impaired: to include curriculum, methods and administrative educational adjustments.</p> <p>TO: EDX 4503/6503 Teaching Students with Severe Disabilities. Three hours lecture. A survey of operational models and techniques to be implemented with students who have severe disabilities to include curriculum, methods and administrative educational adjustments.</p> <p>Method of Instruction: C</p> <p>30 Char: Tch Stdts w/ Svre Disabilities</p> <p>Effective: Summer 2015</p>
Modification EDX 4603/6603	Approved	<p>FROM: EDX 4603/6603 Children and Youth with Physical/Multiple Disabilities. (3). Three hours lecture. Educational implications and adaptations of procedure in schools, homes, and special schools for children with orthopedic and/or neurological impairments.</p> <p>TO: EDX 4603/6603 Students with Physical/Multiple Disabilities. (3). Three hours lecture. Educational implications and adaptations of procedure in schools, homes, hospitals and special schools for students with orthopedic and/or neurological impairments.</p> <p>30 Char: Students with Phys/Mult Disab</p> <p>Effective: Summer 2015</p>

Modification EDX 4613/6613	Approved	<p>FROM: EDX 4613/6613 Teaching Children and Youth with Physical/Multiple Disabilities. (3). (Prerequisite: Admission to Teacher Education). Three hours lecture. Methods and materials applicable to teaching children and youth with physical or multiple conditions which are the result of neurological or orthopedic impairments.</p> <p>TO: EDX 4613/6613 Teaching Students with Physical/Multiple Disabilities. (3). Prerequisite: Admission to Teacher Education). Three hours lecture. Methods and materials applicable to teaching students with physical or multiple conditions which are the results of neurological or orthopedic impairments.</p> <p>30 Char: Teaching Students Phys/Mult Effective: Summer 2015</p>
Modification EDX 4623/6623	Approved	<p>FROM: EDX 4623/6623 Curricular and Mobility Adaptions for Physical/Multiple Disabilities. (3). Three hours lecture. The study of motor functions including range of motion, gait training, and other environmental adjustments that can be implemented by classroom teachers.</p> <p>TO: EDX 4623/6623 Adaptations for Students with Physical/Multiple Disabilities. (3). Three hours lecture. The student of motor functions including range of motion, gait training, and other environmental adjustments that can be implemented by classroom teachers.</p> <p>30 Char: Adap for Stdts w/Phys & Mult Effective: Summer 2015</p>

Modification	EDX 8143	Approved	<p>FROM: EDX 8143 Early Education for the Disabled. (3). Three hours lecture. Rationale; characteristics; educational approaches; exemplary programs; research in the field.</p> <p>TO: EDX 8143 Early Education for Students with Disabilities. (3). Three hours lecture. Rationale, characteristics, educational approaches, exemplary programs, and research in the field.</p> <p>30 Char: Early Ed Stdts w/Disabilities Effective: Summer 2015</p>
Modification	EDX 8163	Approved	<p>FROM: EDX 8163 Teaching Strategies for the Gifted.</p> <p>TO: EDX 8163 Teaching Strategies for Students who are Gifted.</p> <p>30 Char: Teaching Strategies Gifted Effective: Summer 2015</p>
Technical Change	EDX 8173	Approved	<p>FROM: EDX 8173 Special Education in the Regular Classroom. (3). Three hours lecture. Provides a greater understanding of the handicapped child who may be in the regular classroom and suggests methods and techniques for teaching the handicapped student in the regular classroom.</p> <p>TO: EDX 8173 Special Education in the Regular Classroom. (3). Three hours lecture. Provides a greater understanding of children with disabilities who may be in the regular classroom and suggests methods and techniques for teaching students with disabilities in the regular classroom.</p> <p>Effective: Summer 2015</p>

already
approved
for
distances

Modification	EDX 8213	Approved	<p>FROM: EDX 8213 Practicum: Remediation of Special Education Populations. (3). One hour seminar. Three hours practicum. Selection, utilization, and evaluation of specialized remedial materials and techniques with special populations.</p> <p>TO: EDX 8213 Remediation of Students with Disabilities. (3). Three hours lecture. Field based. Selection, utilization, and evaluation of specialized remedial materials and techniques with special education populations.</p> <p>Method of Instruction: C Method of Delivery: F CIP: 13.1001 30 Char: Remediation Stdts w/Disab Effective: Summer 2015</p>
Addition +Distance	EDX 8233	Approved	<p>EDX 8233 Special Education Internship I. (3). Three hours clinical instruction. (Co-Requisite EDX 6173; prerequisites: Admission to MAT-X. EDX 8173, EDX 6813 and EDX 6193). First semester of directed teaching in a special education classroom.</p> <p>Method of Instruction: H Method of Delivery: O CIP: 13.1001 30 Char: Special Education Internship I Effective: Fall 2015</p>
Addition +Distance	EDX 8243	Approved	<p>EDX 8243 Special Education Internship II. (3). Three hours clinical instruction. (Prerequisites: Admission to MAT-X degree program. EDX 8233). Second semester of directed teaching in a special education classroom.</p> <p>Method of Instruction: H Method of Delivery: O CIP: 13.1001 30 Char: MATX Internship II Effective: Fall 2015</p>

Modification	EDX 8303	Approved	<p>FROM: EDX 8303 Seminar in Mental Retardation. (3). (Prerequisite: EDX 8103). Three hours lecture. An advanced courses dealing with the condition of mental retardation. Educational implication and research involving those classified as mentally retarded.</p> <p>TO: EDX 8303 Seminar in Intellectual Disabilities. (3). (Prerequisite: EDX 8103). Three hours seminar. An advanced course dealing with intellectual disabilities. Educational implications and research involving people with intellectual disabilities.</p> <p>30 Char: Sem in Intellect Disabilities Effective Date: Summer 2015</p>
Modification	EDX 8393	Approved	<p>FROM: EDX 8393 Seminar in Education for the Emotionally Disabled. (3). (Prerequisite: EDX 8403). Three hours lecture. An advanced course dealing with the condition of mental retardation. Education implication and research involving those classified as mentally retarded.</p> <p>TO: EDX 8393 Seminar in Emotional/Behavioral Disabilities. (3). Three hours seminar. A comprehensive study of contributing factors in emotional disabilities and educational technology for the treatment of students with emotional and behavioral disorders.</p> <p>30 Char: Seminar in Em/Bd Effective: Summer 2015</p>

Modification	EDX 8403	Approved	<p>FROM: EDX 8403 Teaching the Emotionally Disabled. (3). Three hours lecture and practicum. The curriculum, methods, and principles and problems of working the emotionally disabled.</p> <p>TO: EDX 8403 Teaching Students with Emotional/Behavioral Disabilities. (3). Three hours lecture. Field based. The curriculum, methods, and principles and problems of working with students with emotional and behavioral disabilities.</p> <p>30 Char: Teaching Stdts w/Em/Beh Disab</p> <p>Effective: Summer 2015</p>
Addition	MU 1241	Approved	<p>MU 1241 Diction I. (1). One hour seminar. Course acquaints voice student with the International Phonetic Alphabet (IPA) symbols and their application to English and German languages. Correct singing pronunciation of these languages as applied to art song will be the focus of the course.</p> <p>Method of Instruction: S</p> <p>Method of Delivery: F</p> <p>CIP: 50.0908</p> <p>30 Char: Diction I</p> <p>Effective: Fall 2016</p>
Addition	MU 1251	Approved	<p>MU 1251 Diction II. (1). One hour seminar. Course acquaints voice student with the International Phonetic (IPA) symbols and their application to Italian and French languages. Correct singing pronunciation of these languages as applied to art song will be focus of the course.</p> <p>Method of Instruction: S</p> <p>Method of Delivery: F</p> <p>CIP: 50.0908</p> <p>30 Char: Diction II</p> <p>Effective: Summer 2015</p>

Addition	MUA 1020	Approved	MUA 1020 Applied Piano – Music Majors in Instrumental, Vocal and Guitar Concentrations. (1-2). (Prerequisite: MU 3121 or consent of instructor). Variable credit 1 or 2 credit hours. One hour practice per hour of credit. May be repeated for credit. Individual piano instruction for music and music education majors, instrumental, vocal and guitar concentrations. Method of Instruction: I Method of Delivery: F CIP: 50.0907 30 Char: Piano Lessons Effective: Fall 2015
Addition	PE 1243	Tabled	PE 1243 Methods of Teaching Games and Sports.
Addition	PE 3533	Tabled	PE 3533 Coaching Sports.
Addition	PE 4533/6533	Tabled	PE 4533/6533 Developing Coaching Expertise.

ENGINEERING

Modification +Distance	ECE 3413	Approved	FROM: ECE 3413 Introduction to Electronic Circuits. (3). (Prerequisites: Credit or registration in ECE 1002, MA 3113, and PH 2223). Three hours lecture. Fundamentals of electric Circuits and network analysis. Transient analysis and frequency response of networks. Introduction to operational amplifiers. AC power. TO: ECE 3413 Introduction to Electronic Circuits. (3). (Prerequisites: Grade of C or better in both MA 1723 and PH 2223). Three hours lecture. Fundamentals of electric circuits and network analysis. Transient analysis and frequency response of networks. Introduction to operational amplifiers. AC power. Method of Instruction: C Method of Delivery: F & O CIP: 14.1001 30 Char: Intro to Electronic Circuits Effective: Summer 2015
---------------------------	----------	----------	--

Modification	ECE 3434	Approved	<p>FROM: ECE 3434 Advanced Electronic Circuits. (4). (Prerequisites: Grade of C or better in ECE 3424). Three hours lecture. Three hours laboratory. Feedback and stability. Operational-amplifier and data-converter circuits. Introduction to CMOS logic circuits. Filters and tuned amplifiers. Signal generator circuits. Power amplifiers.</p> <p>TO: ECE 3434 Advanced Electronic Circuits. (4). (Prerequisites: Grade of C or better in both ECE 1002 and ECE 3424). Three hours lecture. Three hours laboratory. Feedback and stability. Operational-amplifier and data-converter circuits. Introduction to CMOS logic circuits. Filters and tuned amplifiers. Signal generator circuits. Power amplifiers.</p> <p>Method of Instruction: B Method of Delivery: F CIP: 14.1001 30 Char: Adv Electronic Circuits Effective: Summer 2015</p>
Addition	ECE 8753	Approved	<p>ECE 8753 Distributed Computing Systems. (3).</p> <p>(Prerequisites: An undergraduate course in operating systems or instructor approval). Three hours lecture. Advanced topics related to distributed computing systems including communication, client-server model, code migration, naming, locating entities, synchronization, replication and consistency, fault tolerance, and security issues.</p> <p>Method of Instruction: C Method of Delivery: F CIP: 14.1001 30 Char: Distributed Computing Systems Effective: Fall 2015</p>

VETERINARY MEDICINE

Addition	CVM 5222	Approved	CVM 5222 Small Animal Clinical Nutrition. (2). (Prerequisite: Eligible to take 4 th year electives.) Two hours lecture. Applied clinical nutrition focusing on the nutritional needs of the healthy and diseased small animal patient and utilization of current diets to impact patient health. Method of Instruction: C Method of Delivery: F CIP: 54.2401 30 Char: Small Animal Clinical Nutrition Effective: Summer 2015
----------	----------	-----------------	--

2. Program Proposals by college/school:

EDUCATION

+Distance	Degree: MAT Major: Secondary Education	Approved	Forwarded to Graduate Council.
Addition +Distance	Degree: MAT Major: Special Education	Approved	Forwarded to Graduate Council.

ENGINEERING

+Distance	Degree: MS Major: Computational Engineering	Approved	Approved by Graduate Council. Forwarded to Provost and President before submission to IHL. ✓
+Distance	Degree: Ph.D. Major: Computational Engineering	Approved	Approved by Graduate Council. Forwarded to Provost and President before submission to IHL. ✓

All of the proposals were approved with the exception of the following:
Proposals**

Modify- EDS 8886 to EDS 8883
Modify- EDS 8896 to EDS 8893 > rolled back for appropriate edits

Peter L. Ryan /nf

Dr. Peter L. Ryan
Associate Vice President for Academic Affairs

5/11/15

Date