



MISSISSIPPI STATE
UNIVERSITYTM

*UNIVERSITY COMMITTEE ON
COURSES AND CURRICULA*

A MEMORANDUM

DATE: October 6, 2015
TO: Academic Deans Council
FROM: Dr. Kirk Swortzel
UCCC Chair
RE: Change Notice 1

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 October 19, 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 Proposals

AGRICULTURE AND LIFE SCIENCES

<p>Technical Change AEC 4233/6233</p>	<p>Approved</p>	<p>FROM: AEC 4233/6233 Environmental Economics. (3). (Prerequisites: AEC 3233 and EC 3123). Identifies topics lying on the frontier of environmental economics; demonstrates contribution that economics can make in understanding the problems and in providing guidance on solutions. TO: AEC 4233/6233 Environmental Economics. (3). (Prerequisites: AEC 3233, EC 3123, and either MA 1613 or MA 1713.) Identifies topics lying on the frontier of environmental economics: demonstrates contribution that economics can make in understanding the problems and in providing guidance on solutions. Effective: Fall 2015</p>
<p>Technical Change AEC 4243/6243</p>	<p>Approved</p>	<p>FROM: AEC 4243/6243 Natural Resource Economics. (3). (Prerequisite: Either AEC 3233 or consent of instructor, and EC 3123). Three hour lecture. Study of economics of renewable and nonrenewable natural resource use. Emphasis on applying microeconomic concepts to land use, water, fisheries, minerals and forest. TO: AEC 4243/6243 Natural Resource Economics. (3). (Prerequisite: AEC 3233, EC 3123, either MA 1613 or 1713, or consent of instructor.) Three hours lecture. Study of economics of renewable and nonrenewable natural resource use. Emphasis on applying microeconomic concepts to land use, water, fisheries, minerals and forest. Effective: Fall 2015.</p>

Technical Change	AEC 4733/6733	Approved	<p>FROM: AEC 4733/6733 Econometric analysis in Agriculture Economics. (3). (Prerequisite: AEC 3113). Three hours lecture. Applications of single-equation estimation techniques to problems in agriculture.</p> <p>TO: AEC 4733/6733 Econometric Analysis in Agriculture Economics. (3). (Prerequisite: MA 1613 or MA 1713, EC 3123 and ST 2113 or BQA 2113). Three hours lecture. Applications of single-equation estimation techniques to problems in agriculture.</p> <p>Effective: Fall 2015</p>
Technical Change	AEC 8611	Approved	<p>FROM: AEC 8611 Research Seminar I. (1). Selection of the research topic, development of the research proposal each semester.</p> <p>TO: AEC 8611 Research Seminar I. (1). (Prerequisite: EC 3123). Selection of research topic, development of the research proposal.</p> <p>Effective: Fall 2015</p>
Technical Change	AEC 8843	Approved	<p>FROM: AEC 8843 Survey Design and Experimental Economics. (3). (Prerequisite: Consent of instructor). Three hours lecture. An exploration of economists' use of data collection techniques, such as surveys and experiments, with emphasis on analysis of non-market valuation problems.</p> <p>TO: AEC 8843 Survey Design and Experimental Economics. (3). (Prerequisite: EC 3123 and ST 2113 or BQA 2113). Three hours lecture. An exploration of economists' use of data collection techniques, such as surveys and experiments, with emphasis on analysis of non-market valuation problems.</p> <p>Effective: Fall 2015</p>

Technical Change	LA 2654	Approved	<p>FROM: LA 2654 Landscape Architecture Design II: Neighborhood Context. (4). (Prerequisite: LA 2554.) Eight hours studio. Emphasis on design at the neighborhood scale, including block and street network design.</p> <p>TO: LA 2654 Landscape Architecture Design II: Neighborhood Context. (4). (Prerequisite: Grade of C or better in LA 2554 and passing of Mid-Performance Portfolio Review). Eight hours studio. Emphasis on design at the neighborhood scale, including block and street network design.</p> <p>Effective: Fall 2015</p>
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ARCHITECTURE, ART AND DESIGN

Technical Change	BCS 3904	Approved	<p>FROM: BCS 3904 Structures I. (4). (Prerequisite: MA 1613 and either ARC 2546 or BCS 2126). Three hours lecture. Three hours laboratory. Application of the principles of statics and the strength of materials on structural elements. Construction material. (Same as ARC 3904).</p> <p>TO: BCS 3904 Structures I. (4). Prerequisite: MA 1613 and either ARC 2546 or BCS 1126). Three hours lecture. Three hours laboratory. Application of the principles of statics and strength of materials on structural elements. Construction material. (Same as ARC 3904).</p> <p>Effective: Fall 2015</p>
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ARTS AND SCIENCES

<p>Addition AAS 3193</p>	<p>Approved</p>	<p>AAS 3193 African Cultures. (3). (Prerequisite: AN 1103 or AN 1143 or consent of instructor). Three hours lecture. Course provides a study of sub-Saharan African cultures, including diverse social, political organization, gender roles, and culture change. (Same as AN 3193). Method of Instruction: C Method of Delivery: F Campus: 1 CIP: 450204 30 Char: African Cultures Effective: Fall 2015</p>
<p>Addition AN 3193</p>	<p>Approved</p>	<p>AN 3193 African Cultures. (3). (Prerequisite; AN 1103 or AN 1143 or consent of instructor). Three hours lecture. Course provides a study of sub-Saharan African cultures, including diverse social, political organization, gender roles, and culture change. (Same as AAS 3193). Method of Instruction: C Method of Delivery: F Campus: 1 CIP: 450204 30 Char: African Cultures Effective: Fall 2015</p>
<p>Addition FLH 3013</p>	<p>Approved</p>	<p>FLH 3013 Plato. (3). (Prerequisite: FLH 2143 or the equivalent.) Three hours lecture. A study of Plato's Greek text and representation of Socrates. Method of Instruction: C Method of Delivery: F CIP: 161202 Campus: 1 30 Char: Plato Effective: Fall 2015</p>

Addition	FLL 3111	Approved	<p>FLL 3111 Latin Prose Composition I. ✓</p> <p>(1). (Prerequisite: FLL 2133 or the equivalent.) One hour lecture. Composition exercises in Latin prose, with a review of Latin grammar. Method of Instruction: C Method of Delivery: F CIP: 161203 Campus: 1 30 Char: Latin Prose Composition I Effective: Fall 2015</p>
Addition	FLL 3121	Approved	<p>FLL 3121 Latin Prose Composition II. ✓</p> <p>(1). (Prerequisite: FLL 2133 or the equivalent.) One hour lecture. Composition exercises focusing on the Latin ablative case, participles, and subordinate clauses. Method of Instruction: C Method of Delivery: F CIP: 161203 Campus: 1 30 Char: Latin Composition II Effective: Fall 2015</p>
Addition	FLL 3131	Approved	<p>FLL 3131 Latin Prose Composition III. ✓</p> <p>(1). (Prerequisite: FLL 2133 or the equivalent.) One hour lecture. Composition exercises in Latin prose involving the use of the gerunds, gerundives, idiomatic clauses, and indirect speech. Method of Instruction: C Method of Delivery: F CIP: 161203 Campus: 1 30 Char: Latin Composition III Effective: Fall 2015</p>

Addition	FLL 3173	Approved	<p>FLL 3173 Augustan Literature and Culture. (3). (Prerequisite: FLL 2143 or the equivalent.) Three hours lecture. A literary and cultural survey of the Augustan era (27 B.C. to A.D. 14). Method of Instruction: C Method of Delivery: F CIP: 161203 Campus: 1 30 Char: Augustan Literature and Culture Effective: Fall 2015</p>
Addition	FLL 4443	Approved	<p>FLL 4443 Caesar. (3). (Prerequisite: FLL 2143 or the equivalent.) Three hours lecture. A study of the Latin works of Julius Caesar in their historical context. Method of Instruction: C Method of Delivery: F CIP: 161203 Campus: 1 30 Char: Caesar Effective: Fall 2015</p>

BUSINESS

Technical Change	EC 2123	Approved	<p>FROM: EC 2123 Principles of Microeconomics. (3). (Prerequisite: EC 2113 and Sophomore standing.) Three hours lecture. Introduction to microeconomics: emphasizes American industrial structure, demand and supply, pricing and output, income distribution, factor pricing, international trade. TO: EC 2123 Principles of Microeconomics. (3). (Prerequisite: Sophomore standing.) Three hours lecture. Introduction to microeconomics: emphasizes American industrial structure, demand and supply, pricing and output, income distribution, factor pricing, international trade. Effective: Fall 2015</p>
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EDUCATION

<p>Addition</p> <p>MU 2681</p>	<p>Approved</p>	<p>MU 2681 Opera Workshop. (1). One hour lecture. Course acquaints the voice student with the basics of stagecraft, movement, and acting skills. Course provides the student with the opportunity to study, develop, and improve their dramatic skills outside of the voice studio. Method of Instruction: C Method of Delivery: F Campus: 1 CIP: 500908 30 Char: Opera Workshop Effective: Fall 2015</p>
<p>Technical Change</p> <p>MU 3333</p>	<p>Approved</p>	<p>FROM: MU 3333 Orchestration. (3). (Prerequisite: C or higher in MU 2613 and MU 2721, or equivalents, plus fully-passed Music Theory Upper Division Proficiency Examination.) Three hours lecture. Study of instruments and orchestration techniques; mastery through readings, exercises, examinations, presentations and creative projects. TO: MU 3333 Orchestration. (3). (Prerequisite: C or higher in MU 2813 and MU 2921, or equivalents, plus fully-passed Music Theory Upper Division Proficiency Examination.) Three hours lecture. Study of instruments and orchestration techniques; mastery through readings, exercises, examinations, presentations, and creative projects. Effective: Fall 2015</p>



Addition	MU 3433	Approved	<p>FROM: MU 3433 Piano Literature. (3). Three hours lecture. Repertoire, curriculum building, in a chronological and historical organization for teachers. Includes learning repertoire for teaching beginning, intermediate, and advanced piano. Recommended for all students in the keyboard concentration. Requires music Reading and some knowledge of history. Method of Instruction: C Method of Delivery: F Campus: 1 CIP: 500902 30 Char: Piano Literature Effective: Fall 2015</p>
Technical Change	MU 4313	Approved	<p>FROM: MU 4313 Form and Analysis. (3). (Prerequisite: C or higher in MU 2613 and MU 2721, or equivalents, plus fully-passed Music Theory Upper Division Proficiency Examination.) Three hours lecture. A survey of forms in music literature with emphasis on harmonic structure and analytical techniques. TO: MU 4313 Form and Analysis. (3). (Prerequisite: C or higher in MU 2813 and MU 2921, or equivalents, plus fully-passed Music Theory Upper Division Proficiency Examination.) Three hours lecture. A survey of forms in music literature, with emphasis on harmonic structure and analytical techniques. Effective: Fall 2015</p>
Addition	PE 4533/6533	Tabled	PE 4533/6533 Developing Coaching Expertise.
Deletion	TKB 1123	Approved	TKB 1123 Document Formatting/Information Processing. Effective: Fall 2015
Deletion	TKB 1312	Approved	TKB 1312 Information Resource Management. Effective: Fall 2015

<p>Modification TKB 2122 to TKB 2123</p>	<p>Approved</p>	<p>FROM: TKB 2122 Introduction to Database Management. (2). Prerequisite: TKT 1273 or BIS 1012 or CS1013 and keyboard proficiency). One hour lecture. Two hours laboratory. An exploration of database management technology as it applies to business applications in today's contemporary business environment. Provides hands-on technology experience with database management software.</p> <p>TO: TKB 2123 Database Management. (3). (Prerequisite: TKT 1273 or BIS 1012 or CS 1013 and keyboarding proficiency). Two hours lecture. Two hours lab. An exploration of database management technology as it applies to business applications in today's contemporary business environment. Provides hands-on technology experience.</p> <p>Method of Instruction: B Method of Delivery: F & O Campus 1 & 5 CIP: 110401 30 Char: Database Mgt Effective: Fall 2015</p>
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<p>Modification TKB 2132 to TKB 2133</p>	<p>Approved</p>	<p>FROM: TKB 2132 Introduction to Spreadsheet Design and Analysis. (2). Prerequisite: TKT 1273 or BIS 1012 or CSE 1013 and keyboarding proficiency.) One hour lecture. Two hours lab. An exploration of electronic spreadsheet technology applied to business applications in today's contemporary business environment. Provides hands on computer technology with most widely used spreadsheet software.</p> <p>TO: TKB 2133 Spreadsheet Design and Analysis. (3). (Prerequisite: TKT 1273, BIS 1012, or CSE 1013). Two hours lecture, two hours lab. An exploration of the design and analysis of electronic spreadsheet technology, with hands-on practices.</p> <p>Method of Instruction: B Method of Delivery: F & O Campus: 1 & 5 CIP: 131303 30 Char: Sprdsht Design & Analysis Effective: Fall 2015</p>
<p>Modification TKB 4543/6543</p>	<p>Approved</p>	<p>FROM: TKB 4543/6543 Advanced Information Processing. (3). (Prerequisite: TKB 1123 or instructor's consent.) Two hours lecture. Two hours laboratory. Applications in advanced word processing and desktop publishing.</p> <p>TO: TKB 4543/6543 Information Processing. (3). (Prerequisites: TKT 1273 or instructor's permission). Three hours lecture. Mastery and applications of formatting and advanced information processing skills.</p> <p>Method of Instruction: C Method of Delivery: F & O Campus: 1 & 5 CIP: 110301 30 Char: Information Processing Effective: Fall 2015</p>

Deletion	TKT 4153/6153	Approved	TKT 4153/6153 Methods of Teaching Economics/Business Pathways. Effective: Fall 2015
Addition +Distance	TKT 4203	Approved	TKT 4203 Emerging Technologies. (3). (Prerequisites: TKT 1273 or instructor's permission). This course identifies and explores emerging technologies in instructional and information technology. Method of Instruction: C Method of Delivery: F & O Campus: 1 & 5 CIP: 130501 30 Char: Emerging Technologies Effective: Fall 2015
Modification	TKT 4213	Approved	FROM: TKT 4213 Methods of Teaching Business Subjects. (3). Three hours lecture. Objectives, materials, and methods of teaching basic business subjects. TO: TKT 4213 Methods of Teaching Business Subjects. (3). Three hours lecture. Objectives, materials, and methods of teaching basic business subjects, including economics, and design and methods of teaching online. Method of Instruction: C Method of Delivery: F & O Campus: 1 & 5 CIP: 131303 30 Char: Methods of Teaching Business Effective: Fall 2015

Modification TKT 4463/6463	Approved	<p>FROM: TKT 4463/6463 Methods of Teaching Business in the Middle School. (3). (Prerequisite: Admission to Teacher Education for teacher education majors and keyboarding proficiency using the touch method). Three hours lecture. A study of objectives, materials and methods appropriate for teaching technology in the middle school.</p> <p>TO: TKT 4463/6463 Method of Teaching Business Technology. (3). (Prerequisite: Admission to Teacher Education for teacher education majors and keyboarding proficiency using the touch method). Three hours lecture. A study of objective, materials and methods appropriate for teaching business technology courses. Method of Instruction: C Method of Delivery: F & O Campus: 1 & 5 CIP: 131309 30 Char: Method of Teaching Bus Tech Effective: Fall 2015</p>
Modification TKT 4753/6753	Approved	<p>FROM: TKT 4753/6753 Teaching and Presenting with Multimedia. (3). (Prerequisite: TKT 4743/6743 or consent of the instructor). Three hours lecture. This course deals with the process of using multimedia applications to present instruction and information.</p> <p>TO: TKT 4753/6753 Media for Presentations, Instruction and Gaming. (3). (Prerequisite: TKT 1273 or consent of the instructor). Three hours lecture. This course explores the process of using multimedia and visual basic applications for developing instructional materials, presentations, and games. Method of Instruction: C Method of Delivery: F & O Campus: 1 & 5 CIP: 110301 30 Char: Media for Present Inst Gaming Effective: Fall 2015</p>

ENGINEERING

+Distance	ECE 6613	Approved	<p>ECE 6613 Approval to Offer Online Campus 5 for Power Transmission Systems. Method of Instruction: C Method of Delivery: F, I, & O Campus: 1 and 5 Effective: Fall 2015</p>
Technical Change	IE 3323	Approved	<p>FROM: IE 3323 Manufacturing Processes. (3). (Prerequisites: Grade of C or better in IE 3913, Co-requisites: CHE 3413). Two hours lecture. Three hours laboratory. Manufacturing processes and materials; interrelationship of product design, material properties, and processing methods; robotics and CAM systems; economic factors in material, process, and equipment selection. TO: IE 3323 Manufacturing Processes. (3). (Co-requisites; IE 3913 and CHE 3413 or ME 3403). Two hours lecture. Three hours laboratory. Manufacturing processes and materials; interrelationship of product design, material properties, and processing methods; robotics and CAM systems; economic factors in material, process, and equipment selection. Effective: Fall 2015</p>
Technical Change	IE 4934/6934	Approved	<p>FROM: IE 4934/6934 Information Systems for Industrial Engineering. (4). (Prerequisite: Grade of C or better in IE 1911). Three hours lecture. Three hours laboratory. An introduction to the design and development of information systems for use in industrial engineering applications. TO: IE 4934/6934 Information Systems for Industrial Engineering. (4). Three hours lecture. Three hours laboratory. An introduction to the design and development of information systems for use in industrial engineering applications. Effective: Fall 2015</p>

Addition	ME 3163	Approved	ME 3163 Introduction to Design with Finite Element Analysis. (3). Instruction in stresses, strains, displacements, static failure with finite element analysis of major strength of material problems. Method of Instruction: C Method of Delivery: F Campus: 1 CIP: 141901 30 Char: Intro to Design with FEA Effective: Fall 2015
+Distance	ME 8011	Approved	ME 8011 Approval to Offer Online Campus 5 for Graduate Seminar. Method of Instruction: S Method of Delivery: F & O Campus: 1 & 5 Effective: Fall 2015

VETERINARY SCIENCE

Modification	CVM 5021	Approved	CVM 5021 Approval to Modify Professional Development II. Method of Delivery: C Grade Mode: Normal Effective: Fall 2015
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2. Program Proposals by college/school:

AGRICULTURE AND LIFE SCIENCES

Modification	Degree: MABM Major: Agribusiness Management	Approved	Reduced the total required credit hours for the MABM programs from 36 hours to 30 hours. Approved by Graduate Council. Effective: Summer 2016	✓
Modification	Degree: Ph.D. Major: Agricultural Sciences Concentration: Engineering Technology	Approved	Modified the number of Ph.D. degree program hours from 80 hours to 68 hours past the Bachelor including 20 hours of research. Approved by Graduate Council. Effective: Spring 2016	✓

ARTS AND SCIENCES

Modification	Degree: BA Major: English	Approved	See proposal for list of changes. Effective: Spring 2016	✓
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EDUCATION

Modification	Degree: BS Major: Information Technology Services (Campus 1)	Approved	See proposal for list of changes. Effective: Spring 2016	✓
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ENGINEERING

Modification	Degree: BS Major: Industrial Engineering	Approved	See proposal for list of changes. Effective: Spring 2016	✓
Addition	Minor: Industrial Engineering	Approved	Creates a minor in Industrial Engineering comprised of 15 hours of courses. Effective: Spring 2016	✓
Modification	Degree: BS Major: Mechanical Engineering	Approved	See proposal for list of changes. Effective: Spring 2016	✓
Modification	Degree: MS Major: Computer Science (Campus 1 & 5)	Approved	Reduction of the number of coursework hours in the non- thesis program from 34 to 31. Approved by Graduate Council. Effective: Spring 2016	✓

FOREST RESOURCES

Name Change	Degree: MS Major: Forest Products to Sustainable Bioproducts	Approved	The requested name change will update the major to reflect the department name. Approved by Graduate Council. Forwarded to Provost and President before submission to IHL.	✓
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All of the proposals were approved with the exception of the following:
Proposals**

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

October 12, 2015
Date