

MEMORANDUM

January 29, 2009

TO: Academic Deans Council

FROM: Dr. Timothy Chamblee
UCCC Chair

RE: Change Notice 4

Listed below are curriculum change proposals which have been recommended by the University Committee on 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 February 6, 2009 by contacting the Committee's office (5-0831), or the office of the Vice President for Academic Affairs (5-3742). If no questions have been raised, the proposals will be considered to have been approved automatically.

1. COURSE PROPOSALS

AGRICULTURE AND LIFE SCIENCES

Add	ADS 8973	<p>Scientific Writing. (3). (Prerequisite: Graduate standing and consent of instructor). Three hours lecture. The course provides advanced training in research proposal, grant proposal, and manuscript writing. (same as FO 8973 and CVM 8973)</p> <p>METHOD OF INSTRUCTION: C DELIVERY: F C.I.P. 01.000 24-CHAR: Scientific Writing</p> <p>Effective: Fall 09</p>
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ARTS AND SCIECNES

Add	AS 2523	<p>Military Leadership 1. (3). Three hours lecture. A study of leadership skills and concepts. This course is designed for students who are not pursuing a military commission. (MS 2523).</p> <p>METHOD OF INSTRUCTION: C DELIVERY: F C.I.P. 23.0301 24-CHAR: Military Leadership</p> <p>Effective: Fall 09</p>
Add	BIO 8233	<p>Molecular Applications. (3). Two hours lecture. Two hours laboratory. Discussion of the fundamental principles behind basic molecular applications used in biology with a focus on methods employed to study DNA, RNA, and proteins.</p> <p>METHOD OF INSTRUCTION: C DELIVERY: F C.I.P. 26.0406 24-CHAR: Molecular Applications</p> <p>Effective: Fall 09</p>
Add	EN 3903	<p>Intermediate Fiction Writing. (3). (Prerequisite: EN 3303). Three hours lecture. An intermediate course in the craft and art of fiction writing, focusing on techniques such as setting, dialogue, and characterization</p> <p>METHOD OF INSTRUCTION: C DELIVERY: F C.I.P. 23.0501 24-CHAR: Intermed Fiction Writing</p> <p>Effective: Fall 09</p>

<p>Modify From: EN 4313/6313</p> <p>To: EN 4313/6313</p>	<p>Craft of Fiction. (3). (Prerequisite: 3303 or consent of instructor). The craft and practice of writing fiction.</p> <p>Craft of Fiction. (3). (Prerequisite: 3903 or consent of instructor). The craft and practice of writing fiction.</p> <p>Effective: Fall 09</p>
<p>Add CH 1234</p>	<p>Integrated Chemistry I. (3). (Prerequisites: ACT Math subscore 22 or grade of C or better in MA 1313. CH 1234 will also be offered as CH 1234 Honors). Three hours lecture. Three hours laboratory. Integrated lecture-laboratory course for chemistry majors. Stoichiometry, thermochemistry, bonding and structure, properties of solid, liquids, gases and solution.</p> <p>METHOD OF INSTRUCTION: C DELIVERY: F C.I.P. 23.0501 24-CHAR: Integrated Chemistry I</p> <p>Effective: Fall 09</p>
<p>Add CH 1244</p>	<p>Integrated Chemistry II. (3). (Prerequisites: CH 1234 or CH 1213 and CH 1211. CH 1234 will also be offered as CH 1244 Honors.). Three hours lecture. Three hours laboratory. Integrated lecture-laboratory course for chemistry majors. Kinetics, equilibrium, acid-base chemistry, advanced thermochemistry, electrochemistry, chemistry of metals, nuclear chemistry and introduction to organic chemistry.</p> <p>METHOD OF INSTRUCTION: C DELIVERY: F C.I.P. 23.0501 24-CHAR: Integrated Chemistry II</p> <p>Effective: Fall 09</p>
<p>Modify From: CH 4413/6413</p> <p>To: CH 4413/6413</p>	<p>Physical Chemistry I. (3). (Prerequisites: CH 1223, PH 2213, and MA 1723). Three hours lecture. A study of the quantitative and theoretical properties of matter. Topics include chemical thermodynamics, kinetics, and solutions.</p> <p>Physical Chemistry I. (3). (Prerequisites: CH 1223, PH 2213 or PH 1113 and MA 1723). Three hours lecture. A course in traditional physical chemistry. Topics chemical thermodynamics, kinetics, and solutions.</p> <p>Effective: Fall 09</p>

<p>Modify From: CH 4423/6423</p> <p>To: CH 4423/6423</p>	<p>Physical Chemistry II. (3). (Prerequisite: CH 1223, PH 2213, MA 1723). Three hours lecture. Topics include solid state, surface chemistry, macromolecules, quantum mechanics, spectroscopy, and statistical thermodynamics.</p> <p>Physical Chemistry II. (3). (Prerequisite: CH 1223, PH 2213 or PH 1113, MA 1723). Three hours lecture. Topics include solid state, surface chemistry, macromolecules, quantum mechanics, spectroscopy, and statistical thermodynamics.</p> <p>Effective: Fall 09</p>
<p>Add CH 4554</p>	<p>Integrated Organic I. (4). (Prerequisites: CH 1221 and CH 1223 or CH 1244). Three hours lecture. Three hours laboratory. Integrated lecture-lab course for chemistry majors. A systematic study of organic chemistry including aliphatic, aromatic, and heterocyclic compounds.</p> <p>METHOD OF INSTRUCTION: C DELIVERY: F C.I.P. 40.0504 24-CHAR: Integrated Organic I</p> <p>Effective: Fall 09</p>
<p>Add CH 4564</p>	<p>Integrated Organic II. (4). (Prerequisites: CH 4521 and CH 4523 or CH 4534). Three hours lecture. Three hours laboratory. Integrated lecture-lab course for chemistry majors. A systematic study of organic chemistry including aliphatic, aromatic, and heterocyclic compounds.</p> <p>METHOD OF INSTRUCTION: C DELIVERY: F C.I.P. 40.0504 24-CHAR: Integrated Organic II</p> <p>Effective: Fall 09</p>
<p>Add CH 8111</p>	<p>Professional Chemistry. (1). One hour lecture. Professionalism in chemistry as it applies to research, with emphasis on the different methods used for disseminating research results.</p> <p>METHOD OF INSTRUCTION: C DELIVERY: F C.I.P. 40.0504 24-CHAR: Professional Chemistry</p> <p>Effective: Fall 09</p>

<p>Modify From: MA 2113</p> <p>To: MA 2113</p>	<p>Introduction to Statistics. (3). (prerequisite: ACT Math score of 24 or a grade of C or better in MA 1313). Three hours lecture. Introduction to statistical techniques: descriptive statistics, random variables, probability distributions, estimation, confidence intervals, hypothesis testing, and measurement of association. Computer instruction for statistical analysis. (Same as ST 2113).</p> <p>Introduction to Statistics. (3). (prerequisite: ACT Math score of 24 or a grade of C or better in MA 1313). Two hours lecture. Two hours laboratory. Introduction to statistical techniques: descriptive statistics, random variables, probability distributions, estimation, confidence intervals, hypothesis testing, and measurement of association. Computer instruction for statistical analysis. (Same as ST 2113).</p> <p>Effective: Fall 2009</p>
<p>Add MS 2523</p>	<p>Military Leadership 1. (3). Three hours lecture. A study of leadership skills and concepts. This course is designed for students who are not pursuing a military commission. (MS 2523).</p> <p>METHOD OF INSTRUCTION: C DELIVERY: F C.I.P. 23.0301 24-CHAR: Military Leadership</p> <p>Effective: Fall 09</p>
<p>Modify From: ST 2113</p> <p>To: ST 2113</p>	<p>Introduction to Statistics. (3). (prerequisite: ACT Math score of 24 or a grade of C or better in MA 1313). Three hours lecture. Introduction to statistical techniques: descriptive statistics, random variables, probability distributions, estimation, confidence intervals, hypothesis testing, and measurement of association. Computer instruction for statistical analysis. (Same as MA 2113).</p> <p>Introduction to Statistics. (3). (prerequisite: ACT Math score of 24 or a grade of C or better in MA 1313). Two hours lecture. Two hours laboratory. Introduction to statistical techniques: descriptive statistics, random variables, probability distributions, estimation, confidence intervals, hypothesis testing, and measurement of association. Computer instruction for statistical analysis. (Same as MA 2113).</p> <p>Effective: Fall 2009</p>

Add	SW 4663	<p>Administration in Social Work. (3). Assessment of functions of human service management, planning and program, organizational theory and design, resources, supervision, funding, information systems, and evaluation of service delivery.</p> <p>METHOD OF INSTRUCTION: C DELIVERY: F C.I.P. 44.0799 24-CHAR: Admin in Social Work</p> <p>Effective: Fall 09</p>
Add/AOCE	CH 6363	<p>Chemistry of the Environment. (3). (Prerequisite: Consent of instructor). Three hours video and online. Human impact on the environment including agricultural chemistry; water, air and soil pollution; ozone layer; global warming and waste management. (Intended for K-12 science teachers. Course cannot be used to satisfy degree requirements in a non-distance degree).</p> <p>METHOD OF INSTRUCTION: C DELIVERY: O C.I.P. 40.0502 24-CHAR: Environmental Chemistry</p> <p>Effective: Fall 09</p>
Add/AOCE	CH 8073	<p>Research Methods in Chemistry for Interdisciplinary Sciences. (3). (Prerequisites: Fifteen hours CH graduate work and consent of instructor). Three hours video and online. Defining research problems and using analytical techniques in Chemistry Exploring how research in Chemistry relates to other scientific fields. (Intended for K-12 science teachers. Course cannot be used to satisfy degree requirements in a non-distance degree).</p> <p>METHOD OF INSTRUCTION: C DELIVERY: O C.I.P. 40.0502 24-CHAR: CH Research Meth MAIS</p> <p>Effective: Fall 09</p>

Add/AOCE	CH 8083	<p>Capstone in Interdisciplinary Sciences with an Emphasis on Chemistry. (3). (Prerequisites: Fifteen hours CH graduate work and consent of instructor). Two hours lecture. Three hours laboratory. Provides field experience in chemistry through planned and supervised projects and field trips. (Intended for K-12 science teachers. Course cannot be used to satisfy degree requirements in a non-distance degree).</p> <p>METHOD OF INSTRUCTION: C DELIVERY: O C.I.P. 40.0502 24-CHAR: Capstone CH for MAIS</p> <p>Effective: Fall 09</p>
Add/AOCE	CH 8363	<p>Analytical Methods in Forensics. (3). (Prerequisite: Consent of instructor). Three hours video and online. A survey of analytical techniques used in forensic science. Both wet chemical and instrumental methods used to investigate criminal activity. (Intended for K-12 science teachers. Course cannot be used to satisfy degree requirements in a non-distance degree).</p> <p>METHOD OF INSTRUCTION: C DELIVERY: O C.I.P. 40.0502 24-CHAR: Analytical Forensics</p> <p>Effective: Fall 09</p>
Add/AOCE	CH 8463	<p>Chemistry of Energy. (3). (Prerequisite: Consent of instructor). Three hours video and online. A survey of the chemistry associated with energy generation in modern society using thermochemical and kinetic principles. (Intended for K-12 science teachers. Course cannot be used to satisfy degree requirements in a non-distance degree).</p> <p>METHOD OF INSTRUCTION: C DELIVERY: O C.I.P. 40.0502 24-CHAR: Chemistry of Energy</p> <p>Effective: Fall 09</p>

Add/AOCE	CH 8473	<p>Chemical Structure and Bonding. (3). (Prerequisite: Consent of instructor). Three hours video and online. A survey of the structures that atoms and molecules assume and the theory of bonding in molecules. (Intended for K-12 science teachers. Course cannot be used to satisfy degree requirements in a non-distance degree).</p> <p>METHOD OF INSTRUCTION: C DELIVERY: O C.I.P. 40.0502 24-CHAR: CH Structure & Bonding</p> <p>Effective: Fall 09</p>
Add/AOCE	CH 8563	<p>Organic Molecules & Polymeric Materials. (3). (Prerequisite: Consent of instructor). Three hours video and online. A broad coverage of organic chemistry, and its relationship to natural products, medicinal chemistry, pharmaceutical drugs, and polymers. (Intended for K-12 science teachers. Course cannot be used to satisfy degree requirements in a non-distance degree).</p> <p>METHOD OF INSTRUCTION: C DELIVERY: O C.I.P. 40.0502 24-CHAR: Organics & Polymers</p> <p>Effective: Fall 09</p>
Add/AOCE	MA 8033	<p>Studies in Discrete Mathematics. (3). (Prerequisite: MA 6023 or equivalent). Three hours video and online. Selected topics from algebra, number theory, combinatorics, and graph theory. (Intended for K-12 science teachers. Course cannot be used to satisfy degree requirements in a non-distance degree).</p> <p>METHOD OF INSTRUCTION: C DELIVERY: O C.I.P. 27.0102 24-CHAR: Discrete Math for MAIS</p> <p>Effective: Fall 09</p>
Add/AOCE	MA 8053	<p>Applied Linear Algebra for Interdisciplinary Studies. (3). (Prerequisite: MA 6013 or equivalent). Three hours video and online. Topics include applications to discrete dynamical systems, stochastic matrices and Markov chains, linear models and curve fitting. (Intended for K-12 science teachers. Course cannot be used to satisfy degree requirements in a non-distance degree).</p> <p>METHOD OF INSTRUCTION: C DELIVERY: O C.I.P. 27.0102 24-CHAR: Applied Lin Alg for MAIS</p> <p>Effective: Fall 09</p>

Add/AOCE	MA 8063	<p>Differential Equations with Mathematical Modeling. (Prerequisite: MA 6013 or equivalent). Three hours video and online. Topics include building mathematical models, elementary solution techniques, graphical approaches to analysis, and using software to approximate solutions. (Intended for K-12 science teachers. Course cannot be used to satisfy degree requirements in a non-distance degree).</p> <p>METHOD OF INSTRUCTION: C DELIVERY: O C.I.P. 27.0102 24-CHAR: Diff Equa w/Math Model</p> <p>Effective: Fall 09</p>
Add/AOCE	MA 8073	<p>Research Methods in Mathematics and Statistics for Interdisciplinary Sciences. (3). (Prerequisite: 15 hours MA graduate courses including MA 6033). Three hours video and online. Defining research problems and using analytical techniques in Mathematics and Statistics. Exploring how research in Mathematics relates to other scientific fields. (Intended for K-12 science teachers. Course cannot be used to satisfy degree requirements in a non-distance degree).</p> <p>METHOD OF INSTRUCTION: C DELIVERY: O C.I.P. 27.0102 24-CHAR: MA/ST Research for MAIS</p> <p>Effective: Fall 09</p>
Add/AOCE	MA 8083	<p>Capstone in Interdisciplinary Sciences with an Emphasis on Mathematics and Statistics. (3). (Prerequisite: MA 8063 or equivalent). Three hours lecture. Intended to help the student integrate the material learned in previous course work and give them the skills to implement this material in their classrooms. (Intended for K-12 science teachers. Course cannot be used to satisfy degree requirements in a non-distance degree).</p> <p>METHOD OF INSTRUCTION: C DELIVERY: O C.I.P. 27.0102 24-CHAR: Capstone MA/ST for MAIS</p> <p>Effective: Fall 09</p>

Add/AOCE	PH 6033	<p>Demonstrations and Concepts for Physics Teachers I. (3). Three hours lecture. Topics are those normally covered in first semester high school physics. Equal emphasis on theory, problems, demonstrations, and laboratory. (Intended for K-12 science teachers. Course cannot be used to satisfy degree requirements in a non-distance degree).</p> <p>METHOD OF INSTRUCTION: C DELIVERY: O C.I.P. 40.0899 24-CHAR: Demo/Concept PH Teach I</p> <p>Effective: Fall 09</p>
Add/AOCE	PH 6043	<p>Demonstrations and Concepts for Physics Teachers II. (3). Three hours lecture. Topics are those normally covered in second semester high school physics. Equal emphasis on theory, problems, demonstrations, and laboratory. (Intended for K-12 science teachers. Course cannot be used to satisfy degree requirements in a non-distance degree).</p> <p>METHOD OF INSTRUCTION: C DELIVERY: O C.I.P. 40.0899 24-CHAR: Demo/Concept PH Teach II</p> <p>Effective: Fall 09</p>
Add/AOCE	PH 8003	<p>Topics for Physics Teachers. (3). (Prerequisite: Consent of instructor and MA 6023 or its equivalent). Three hours lecture. Topics are those required to enable students to effectively teach K-12 physics topics which include theory, demonstrations, laboratory and problem solving.</p> <p>(Intended for K-12 science teachers. Course cannot be used to satisfy degree requirements in a non-distance degree).</p> <p>METHOD OF INSTRUCTION: C DELIVERY: O C.I.P. 40.0899 24-CHAR: Topics for PH Teachers</p> <p>Effective: Fall 09</p>

BUSINESS

Add	BQA 9333	<p>Statistical Methods for Business. (3). (Prerequisite: Doctoral student or permission of the instructor). Three hours lecture. Understanding and communicating statistical methods for business and economics academic publications; descriptive statistics; random variables; estimation; Bayesian credible sets; hypothesis testing; regression; nonparametric; computerized analysis.</p> <p>METHOD OF INSTRUCTION: C DELIVERY: F C.I.P. 52.1302 24-CHAR: Stat Methods for Bus.</p> <p>Effective: Spring 09</p>
Modify From:	MKT 4413	<p>Consumer Analysis and Behavior. (3). (Prerequisite: MKT 3013). A study of the nature and dynamics of consumer markets, and the significance of these markets to marketing executives.</p>
To:	MKT 4413	<p>Consumer Behavior. (3). (Prerequisite: MKT 3013). A study of the nature and dynamics of consumer markets, and the significance of these markets to marketing executives.</p> <p>Effective: Fall 09</p>
Modify From:	TR 3323	<p>International Logistics. (3). Three hours lecture. Understanding and applying logistics concepts in a global context. Includes analysis of logistics tradeoffs and integration with other business functions.</p>
To:	MKT 3323	<p>International Logistics. (3). Three hours lecture. Understanding and applying logistics concepts in a global context. Includes analysis of logistics tradeoffs and integration with other business functions.</p> <p>METHOD OF INSTRUCTION: C DELIVERY: F C.I.P. 52.0209 24-CHAR: International Logistics</p> <p>Effective: Fall 09</p>

<p>Modify From: TR 4233</p> <p>To: MKT 4033</p>	<p>International Transportation. (3). Three hours lecture. Understanding the role of transportation in global logistics and the global economy.</p> <p>International Transportation. (3). Three hours lecture. Understanding the role of transportation in global logistics and the global economy.</p> <p>METHOD OF INSTRUCTION: C DELIVERY: F C.I.P. 52.0209 24-CHAR: International Transport</p> <p>Effective: Fall 09</p>
<p>Modify From: TR 4313/6313</p> <p>To: MKT 4313/6313</p>	<p>Physical Distribution Management. (3). (Prerequisites: BQA 2113 and MKT 3013). Functions of physical distribution in business management; analysis of shippers, distribution problems in relation to carrier types, services and functions; methods of reducing distribution costs, use of internal and external data in warehouse and factory location; study of rate of structure and rate changes.</p> <p>Physical Distribution Management. (3). (Prerequisites: BQA 2113 and MKT 3013). Functions of physical distribution in business management; analysis of shippers, distribution problems in relation to carrier types, services and functions; study structure/rate changes.</p> <p>METHOD OF INSTRUCTION: C DELIVERY: F C.I.P. 52.0209 24-CHAR: Physical Distrib Mgt</p> <p>Effective: Fall 09</p>
<p>Modify From: TR 4333</p> <p>To: MKT 4333</p>	<p>International Supply Chain Management. (3). Three hours lecture. Analysis of supply chains and their importance to the global economy.</p> <p>International Supply Chain Management. (3). Three hours lecture. Analysis of supply chains and their importance to the global economy.</p> <p>METHOD OF INSTRUCTION: C DELIVERY: F C.I.P. 52.0209 24-CHAR: Intrnation Sup Chain Mgt</p> <p>Effective: Fall 09</p>

FOREST RESOURCES

Delete	FO 2111	Dendrology Lab. (Corequisite: FO 2112). Four hours laboratory. Field exercise to promote the recognition and identification of trees and other woody plants. Effective: Summer 09
Modify From:	FO 3012	Introduction to Forest Communities. (2). (Prerequisites: PSS 3301, PSS 3303, FO 2112, FO 2111). Field exercises to gain practical knowledge of soil-geology-ecology interrelationships through trips to various physiographic regions.
To:	FO 3012	Introduction to Forest Communities. (2). (Prerequisites: PSS 3301, PSS 3303, FO 2113). Field exercises to gain practical knowledge of soil-geology-ecology interrelationships through trips to various physiographic regions. Effective: Summer 09
Add	FO 8973	Scientific Writing. (3). (Prerequisite: Graduate standing and consent of instructor). Three hours lecture. The course provides advanced training in research proposal, grant proposal, and manuscript writing. (same as ADS 8973 and CVM 8973 METHOD OF INSTRUCTION: C DELIVERY: F C.I.P. 01.000 24-CHAR: Scientific Writing Effective: Fall 09

Modify From:	WF 1101	Wildlife and Fisheries Profession. (1). Prerequisite: Freshman or Sophomore standing). One hour lecture. Orientation to the interdisciplinary and applied nature of wildlife and fisheries management and related fields, emphasizing the department, college, and university; student roles and responsibilities; and career opportunities.
To:	WF 1102	Wildlife and Fisheries Profession. (2). Prerequisite: Freshman or Sophomore standing). Two hours lecture. Orientation to the interdisciplinary and applied nature of wildlife and fisheries management and related fields, emphasizing the department, college, and university; student roles and responsibilities; and career opportunities. Effective: Summer 09
Delete	WF 1213	Introduction to Wildlife and Fisheries Conservation. (3). Three hours lecture. A survey of wildlife and forest conservation, stressing biological principles and management practices for renewable resources. Effective: Summer 09
Delete	WF 3131	Applied Aquatic and Terrestrial Ecology Laboratory. (1). (Corequisite: WF 3133, Prerequisite: BIO 1203 and BIO 1504). Four hours laboratory, alternate weeks. Demonstration of ecological concepts and methodologies in the classroom and in the field. Effective: Summer 09
Modify From:	WF 3133	Applied Aquatic and Terrestrial Ecology. (3). (Corequisite: WF 3131, Prerequisite: BIO 1203 and BIO 1504). Three hours lecture. Four hours laboratory, alternate weeks. The application of ecological principles which serve as a basis for the management of wildlife and fisheries in terrestrial and aquatic habitats.
To:	WF 3133	Applied Aquatic and Terrestrial Ecology. (3). (Prerequisite: BIO 1134 and BIO 1144). Two hours lecture. Four hours laboratory, alternate weeks. The application of ecological principles which serve as a basis for the management of wildlife and fisheries in terrestrial and aquatic habitats. Effective: Summer 09

Delete	WF 3141	Seminar in Wildlife and Fisheries. (1). (Prerequisite: Junior standing). One hour lecture. Current topics and job opportunities in the field of wildlife and fisheries. Effective: Summer 09
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VETERINARY MEDICINE

Add	CVM 8973	Scientific Writing. (3). (Prerequisite: Graduate standing and consent of instructor). Three hours lecture. The course provides advanced training in research proposal, grant proposal, and manuscript writing. (same as ADS 8973 and FO 8973 METHOD OF INSTRUCTION: C DELIVERY: F C.I.P. 01.000 24-CHAR: Scientific Writing Effective: Fall 09
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2. DEGREE PROPOSALS**ARCHITECTURE, ART, & DESIGN**

Add	Minor in Architectural Studies	Effective Summer 2009
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ARTS & SCIECNES

Modify From: Degree: Bachelor of Science Major: Chemistry (without A.C.S. Certification)		Change in the required courses and remove the (without A.C.S. Certification) phrase.
To: Bachelor of Science Major: Chemistry		Effective Fall 2009
Modify From: Degree: Bachelor of Arts Major: Mathematics		Change in the require courses and GPA requirement for majors.
To: Degree: Bachelor of Arts Major: Mathematics		Effective: Fall 09
Modify From: Degree: Bachelor of Science Major: Mathematics		Change in the require courses and GPA requirement for majors.
To: Degree: Bachelor of Science Major: Mathematics		Effective: Fall 09

3. AOCE Approval

ARCHITECTURE, ART, & DESIGN

ID/HS 2603	Interior Design Fundamentals
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ARTS & SCIENCES

CH, MA, & PH	See course additions in section 1.
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4. TECHNICAL CHANGES

FOREST RESOURCES

From: WF 4213/6213	Wildlife Damage Management. (3). (Prerequisites: WF 3133/3131 or consent of instructor). Two lectures per week, labs alternate weeks. Principles and practices of wildlife damage management with emphasis on damage identification and damage prevention and control methods.
To: WF 4213/6213	Wildlife Damage Management. (3). (Prerequisites: WF 3133/3131 or consent of instructor). Two lectures per week, labs alternate weeks. Principles and practices of wildlife damage management with emphasis on damage identification and damage prevention and control methods. Effective: Summer 09
From: WF 4313/6313	Fisheries Management. (3). (Prerequisite: WF 3133 or WF 3131 or consent of instructor). Two hours lecture. Laboratories alternate weeks. Principles of fisheries management and methods for assessment and analysis of fish populations and aquatic habitats.
To: WF 4313/6313	Fisheries Management. (3). (Prerequisite: WF 3133 or consent of instructor). Two hours lecture. Laboratories alternate weeks. Principles of fisheries management and methods for assessment and analysis of fish populations and aquatic habitats. Effective: Summer 2009

From:	WF 4394/6394	Waterfowl Ecology and Management. (3). (Prerequisite: WF 3133, WF 3131, WF 4153, Senior standing, or consent of instructor). Three hours lecture. Four hours laboratory. Annual ecology of North American waterfowl, habitat and population ecology and management, waterfowl identification, field trips, management plan, and current issues.
To:	WF 4394/6394	Waterfowl Ecology and Management. (3). (Prerequisite: WF 3133, WF 4153, Senior standing, or consent of instructor). Three hours lecture. Four hours laboratory. Annual ecology of North American waterfowl, habitat and population ecology and management, waterfowl identification, field trips, management plan, and current issues.
		Effective: Summer 2009
From:	WF 4423/6423	Herpetology. (3). (Prerequisite: BIO 1504 or WF 3133) Two hours lecture. Four hours laboratory, alternate weeks. Evolution, systematics, biology and ecology of reptiles and amphibians.
To:	WF 4423/6423	Herpetology. (3). (Prerequisite: Eight hours of zoology) Two hours lecture. Four hours laboratory, alternate weeks. Evolution, systematics, biology and ecology of reptiles and amphibians.
		Effective: Summer 09
From:	WF 4433/6433	Mammalogy. (3). (Prerequisite for undergraduates: BIO 3524 or equivalent.) Two hours lecture. Three hours laboratory. Evolution, systematics, and ecology of mammals, with emphasis on North American groups.
To:	WF 4433/6433	Mammalogy. (3). (Prerequisite: Eight hours of zoology). Two hours lecture. Three hours laboratory. Evolution, systematics, and ecology of mammals, with emphasis on North American groups.
		Effective: Summer 09

<p>From: WF 4453/6453</p> <p>To: WF 4453/6453</p>	<p>Ichthyology. (3). (Perquisite: BIO 3524 or equivalent). Two hours lecture. Three hours laboratory. Structure, evolution, classification and life histories of fishes of the world with emphasis on North American freshwater forms.</p> <p>Ichthyology. (3). (Perquisite: Eight hours of zoology). Two hours lecture. Three hours laboratory. Structure, evolution, classification and life histories of fishes of the world with emphasis on North American freshwater forms.</p> <p>Effective: Summer 09</p>
<p>From: WF 4484/6484</p> <p>To: WF 4484/6484</p>	<p>Upland Avian Ecology and Management. (4). (Prerequisites: WF 3133 and WF 3131 and WF 4153 and senior standing or consent of instructor). Three hours lecture. Four hours laboratory. The application of ecological principles to management of wildlife populations, focusing on avian species and communities inhabiting upland ecosystems.</p> <p>Upland Avian Ecology and Management. (4). (Prerequisites: WF 3133 and WF 4153 and senior standing or consent of instructor). Three hours lecture. Four hours laboratory. The application of ecological principles to management of wildlife populations, focusing on avian species and communities inhabiting upland ecosystems.</p> <p>Effective: Summer 09</p>
<p>From: WF 4494/6494</p> <p>To: WF 4494/6494</p>	<p>Large Mammal Ecology and Management. (4). (Prerequisites: WF 3133/3131 and WF 4153 and senior standing). Three hours lecture. Four hours laboratory, alternate weeks. Ecological principles and applied methods used in the management of large mammals.</p> <p>Large Mammal Ecology and Management. (4). (Prerequisites: WF 3133 and WF 4153 and senior standing). Three hours lecture. Four hours laboratory, alternate weeks. Ecological principles and applied methods used in the management of large mammals.</p> <p>Effective: Summer 09</p>

AGRICULTURE & LIFE SCIENCES

Degree: Bachelor of Sciences Major: Ag & Bio Engineering Concentration AETB	Remove: ABE 2063 Intro to Ag Engr Tech Add: AETB Free 3 hour Technical/Math Elective Effective: Summer 09
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All of the proposals were approved with the exception of the following:

Proposals**

Dr. Jerome A. Gilbert
Associate Vice President for Academic Affairs

Date