

MEMORANDUM

May 24, 2010

TO: Academic Deans Council

FROM: Dr. Timothy N. Chamblee
UCCC Chair

RE: Change Notice 7

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 June 8, 2010 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

ACADEMIC AFFAIRS

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| Modify FR: | ENS 2102 | Introduction to Environmental Science. (2). Two hours lecture. A survey course to acquaint the beginning student with the various issues and disciplinary contributions regarding environmental science. |
| TO: | ENS 2103 | Introduction to Environmental Science. (3). Three hours lecture. A survey course to acquaint the beginning student with the various issues and disciplinary contributions regarding environmental science. |
| Effective: Fall 2010 | | |

AGRICULTURE AND LIFE SCIENCES

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| Add | HS 8000 | Research/Thesis. (-). Hours and credits to be arranged. METHOD OF INSTRUCTION: D DELIVERY: F C.I.P. 19.0701 24-CHAR: Research/Thesis Effective: Fall 2011 |
| Add | HS 8313 | Development of Intimate Relationships. (3). Three hours lecture. A multidisciplinary investigation of how intimate relationships in contemporary U.S. society, develop, maintain, and dissolve. METHOD OF INSTRUCTION: C DELIVERY: F C.I.P. 19.0701 24-CHAR: Dev of Intimate Relationships Effective: Fall 2011 |

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| Add | HS 8313 | <p>Contemporary Youth Issues. (3). Three hours lecture. Current topics in the areas of youth studies and adolescent development.</p> <p>METHOD OF INSTRUCTION: C DELIVERY: F C.I.P. 19.0701 24-CHAR: Youth Issues</p> <p>Effective: Fall 2011</p> |
| Add | HS 8413 | <p>Issues in Family Studies. (3). Three hours lecture. Exploration of current scholarship in relevant topics of interest in the study of families.</p> <p>METHOD OF INSTRUCTION: C DELIVERY: F C.I.P. 19.0701 24-CHAR: Issues in Family Studies</p> <p>Effective: Fall 2011</p> |
| Add | HS 8423 | <p>Development in Intimate Relationships. (3). A multidisciplinary investigation of how intimate relationships in contemporary U.S. society form, develop, maintain, and dissolve.</p> <p>METHOD OF INSTRUCTION: C DELIVERY: F C.I.P. 19.0701 24-CHAR: Dev Intimate Relations</p> <p>Effective: Fall 2011</p> |
| Add | HS 8813 | <p>Seminar in Human Development and Family Studies. (3). Three hours lecture. An introduction to the graduate program, faculty research, and policies and procedures. Skills in writing a literature review, grant writing, and giving professional presentations will be learned.</p> <p>METHOD OF INSTRUCTION: C DELIVERY: F C.I.P. 19.0701 24-CHAR: Seminar in HDFS</p> <p>Effective: Fall 2011</p> |

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| Add | HS 8823 | <p>Advanced Theories of Human Development & Family Relations. (3). Three hours lecture. Advanced study of theories of human development and family relations across the lifespan.</p> <p>METHOD OF INSTRUCTION: C DELIVERY: F C.I.P. 19.0701 24-CHAR: Advanced theories of HD/FR</p> <p>Effective: Fall 2011</p> |
| Add | HS 8833 | <p>Foundations of Human Development and Family Studies. (3). Three hours lecture. Examination of the philosophical and theoretical foundations of Human Development and Family Studies.</p> <p>METHOD OF INSTRUCTION: C DELIVERY: F C.I.P. 19.0701 24-CHAR: Foundations of HDFS</p> <p>Effective: Fall 2011</p> |
| Add | HS 8853 | <p>Current Issues in Human Development and Family Studies. (3). Three hours lecture. An in-depth examination of particular HDFS topics of current interest to faculty and students. Critical evaluation of current research.</p> <p>METHOD OF INSTRUCTION: C DELIVERY: F C.I.P. 19.0701 24-CHAR: Current issues in HDFS</p> <p>Effective: Fall 2011</p> |
| Add | HS 9000 | <p>Research/Dissertation. (-). Hours and credits to be arranged.</p> <p>METHOD OF INSTRUCTION: D DELIVERY: F C.I.P. 19.0701 24-CHAR: Research/Dissertation</p> <p>Effective: Fall 2011</p> |

ARCHETECTURE, ART, AND DESIGN

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| Add | ART 4123 | <p>Screen Printing for Graphic Design. (3). (Prerequisite: ART 3313, ART 4103, or permission of Instructor). Six hours studio. An in-depth look at contemporary methods in designing and screen printing posters and shirts.</p> <p>METHOD OF INSTRUCTION: Q DELIVERY: F C.I.P. 50.0402 24-CHAR: Screen Printing for Design</p> <p>Effective: Summer 2010</p> |
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ARTS AND SCIENCES

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| Add | AAS 4983 | <p>African Americans and the Law. (3). Three hours lecture. Analysis of the legal and constitutional history of African Americans from the codification of slavery and discrimination in the North to the rise of segregation. (Same as HI 4983).</p> <p>METHOD OF INSTRUCTION: C DELIVERY: F C.I.P. 05.0201 24-CHAR: Law, African Americans</p> <p>Effective: Fall 2010</p> |
| Modify FR: | BIO 8011 | <p>Seminar. (1). One hour seminar. Required once of each on-campus M.S. or P.h.D student. Formal oral presentation of current topics in biology.</p> |
| TO: | BIO 8011 | <p>Seminar I. (1). One hour seminar. Weekly seminar on current research in the Biological Sciences. Attendance is mandatory for on-campus Biological Sciences graduate students not enrolled in BIO 8021.</p> <p>Effective: Fall 2010</p> |

UCCC Change Notice 7
 May 20, 2010

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| Modify FR: BIO 8021 TO: BIO 8021 | <p>Seminar. (1). One hour seminar. No description available.</p> <p>Seminar II. (1). One hour seminar. Weekly seminar on current research in the Biological Sciences and one formal presentation of the student's research; serves as the student's public exit seminar.</p> <p>Effective: Fall 2010</p> |
| Modify FR: EN 2213 TO: EN 2213 | <p>English Literature. (3). (Prerequisite: Completion of freshmen composition). Three hours lecture. A survey of English literature from the beginning to the Romantic Period.</p> <p>English Literature. (3). (Prerequisite: Completion of freshmen composition). Three hours lecture. A survey of English literature from the Medieval to the Neo-classical periods, including works by Shakespeare, Milton and Pope.</p> <p>Effective: Fall 2010</p> |
| Modify FR: EN 2223 TO: EN 2223 | <p>English Literature. (3). (Prerequisite: Completion of freshmen composition). Three hours lecture. A survey of English Literature from the Romantic period to the present.</p> <p>English Literature After 1800. (3). (Prerequisite: Completion of freshmen composition). Three hours lecture. A survey of English literature including the Romantic, Victorian, and Modernist periods.</p> <p>METHOD OF INSTRUCTION: C DELIVERY: F C.I.P. 23.0801 24-CHAR: English Lit after 1800</p> <p>Effective: Fall 2010</p> |

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| <p>Modify FR: EN 2243</p> <p>TO: EN 2243</p> | <p>American Literature. (3). (Prerequisite: Completion of freshmen composition). Three hours lecture. A survey American literature from the beginning to Whitman.</p> <p>American Literature. (3). (Prerequisite: Completion of freshmen composition). Three hours lecture. A survey of American literature and culture, including letters, sermons, essays, fiction and poetry, from the fifteenth century through the antebellum period's "American Renaissance."</p> <p>Effective: Fall 2010</p> |
| <p>Modify FR: EN 2253</p> <p>TO: EN 2253</p> | <p>American Literature. (3). (Prerequisite: Completion of freshmen composition). Three hours lecture. A survey of American literature from Whitman to the present.</p> <p>American Literature After 1865. (3). (Prerequisite: Completion of freshmen composition). Three hours lecture. Survey of representative authors, texts, and periods that demonstrate the richness and diversity of American literature and culture after 1865.</p> <p>METHOD OF INSTRUCTION: C DELIVERY: F C.I.P. 23.0701 24-CHAR: American Lit after 1865</p> <p>Effective: Fall 2010</p> |
| <p>Modify FR: EN 2273</p> <p>TO: EN 2273</p> | <p>World Literature. (3). (Prerequisite: Completion of freshmen composition). Three hours lecture. Selected writings of Greece, Rome, and Medieval European translation.</p> <p>World Literature. (3). (Prerequisite: Completion of freshmen composition). Three hours lecture. Selected works from ancient times to 1600 in translation.</p> <p>Effective: Fall 2010</p> |

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| <p>Modify FR: EN 2283</p> <p>TO: EN 2283</p> | <p>World Literature. (3). (Prerequisite: Completion of freshmen composition). Three hours lecture. Selected writings of the non-English speaking world from the Renaissance through the Twentieth Century.</p> <p>World Literature After 1600. (3). (Prerequisite: Completion of freshmen composition). Three hours lecture. Selected works since 1600, excluding literature of the U.S., Britain, and Ireland.</p> <p>METHOD OF INSTRUCTION: C DELIVERY: F C.I.P. 23.0101 24-CHAR: World Literature after 1600</p> <p>Effective: Fall 2010</p> |
| <p>Modify FR: EN 3414</p> <p>TO: EN 3414</p> | <p>Advanced Composition. (4). (Prerequisite: Twelve hours of English). Four hours lecture. An advanced expository writing course and general introduction to research methods and materials in language and literature.</p> <p>Critical Writing and Research in Literary Studies. (4). (Prerequisite: twelve hours of English). Four hours lecture. An introduction to the application of critical theories and research methods in writing about literature, for English and English Education majors.</p> <p>METHOD OF INSTRUCTION: C DELIVERY: F C.I.P. 23.0101 24-CHAR: Crit Writ/Resrch Lit Std</p> <p>Effective: Fall 2010</p> |

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| <p>Modify FR: EN 4333/6333</p> <p>TO: EN 4333/6333</p> | <p>Literature of the South. (3). (Prerequisite: Completion of English requirements in the student’s major). Three hours lecture. A critical survey of Southern writers past and present</p> <p>Southern Literature. (3). (Prerequisite: Completion of English requirements in the student’s major). Three hours lecture. A survey of southern literature from the antebellum period to the “post southern” present. Features selected works representing the diverse literary heritage of the U.S. South</p> <p>METHOD OF INSTRUCTION: C DELIVERY: F C.I.P. 23.0701 24-CHAR: Crit Writ/Resrch Lit Std</p> <p>Effective: Fall 2010</p> |
| <p>Modify FR: EN 4413/6413</p> <p>TO: EN 4413/6413</p> | <p>History of the English Language. (3). (Prerequisite: Twelve hours of English). Three hours lecture. The origin and development of the English language, structural and phonetic changes; conventions of modern usage.</p> <p>History of the English Language. (3). (Prerequisite: Twelve hours of English). Three hours lecture. The origin and development of the English language; past and ongoing changes in sounds and structure; influence of social history on language variation and change.</p> <p>Effective: Fall 2010</p> |

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| <p>Modify FR: EN 4633/6633</p> <p>TO: EN 4633/6633</p> | <p>Sociolinguistics. (3). (Prerequisite: EN 4403 or consent of instructor). Three hours lecture. Examination of relationship between language and society, and how, when, and why people in speech communities use language varieties. (Same as AN 4633/6633 and SO 4633/6633).</p> <p>Sociolinguistics. (3). (Prerequisite: EN 4403 or consent of instructor). Three hours lecture. Examination of relationship between language and society. How language varies regionally and socially; people's use of and attitudes toward different ways of speaking. (Same as AN 4633/6633 and SO 4633/6633).</p> <p>Effective: Fall 2010</p> |
| <p>Modify FR: EN 4643/6643</p> <p>TO: EN 4643/6643</p> | <p>The Eighteenth-Century British Novel. (3). (Prerequisite: Completion of the English requirements in the student's major.). Three hours lecture. A study of major eighteenth-century British novelists.</p> <p>The Eighteenth-Century British Novel. (3). (Prerequisite: Completion of Twelve hours of English). Three hours lecture. A study of the early cultural and critical history of the novel, focusing on the novelists who invested and refined the form.</p> <p>Effective: Effective: Fall 2010</p> |
| <p>Modify FR: EN 4703/6703</p> <p>TO: EN 4703/6703</p> | <p>English Literature of the Sixteenth Century. (3). (Prerequisite: Completion of the English requirements in the student's major.). Three hours lecture. A study of major eighteenth-century British novelists.</p> <p>English Literature of the Sixteenth Century. (3). (Prerequisites: Completion of English requirements in the student's major). Study of the development of the English literary tradition, including works by Wytt, Sidney, Spenser, Marlowe and others in their cultural and historical contexts.</p> <p>Effective: Fall 2010</p> |

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| <p>Modify FR: EN 4713/6713</p> <p>TO: EN 4713/6713</p> | <p>English Literature of the Seventeenth Century. (3). (Prerequisite: Completion of the English requirements in the student's major.). Three hours lecture. Seventeenth century literature exclusive of Shakespeare's plays.</p> <p>English Literature of the Seventeenth Century. (3). (Prerequisite: Completion of Twelve hours of English). Three hours lecture. Study of major works of poetry, prose, and drama, including works by Donne, Jonson, Wroth and others in their literary, cultural, and historical contexts.</p> <p>Effective: Fall 2010</p> |
| <p>Modify FR: EN 4673/6673</p> <p>TO: EN 4673/6673</p> | <p>The Restoration and Swift. (3). (Prerequisite: Completion of the English requirements in the student's major.). Three hours lecture. British poetry, prose and drams, 1660-1700, and Swift.</p> <p>British Literature and Culture from 1600-1700. (3). (Perquisites: Completion of English requirements in the student's major). An exploration of the literature and culture of the Restoration and late seventeenth century. Covers a variety of genres.</p> <p>METHOD OF INSTRUCTION: C DELIVERY: F C.I.P. 23.0801 24-CHAR: Brit Lit/Cult 1600-1700</p> <p>Effective: Spring 2010</p> |

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| <p>Modify FR: EN 4733/6733</p> <p>TO: EN 4733/6733</p> | <p>Eighteenth-Century Literature. (3). (Prerequisite: Completion of the English requirements in the student's major.). Three hours lecture. British poetry, prose and drama of the Eighteenth Century excluding Swift.</p> <p>British Literature and Culture of the Eighteenth Century. (3). (Prerequisite: Completion of the English requirements in the student's major.). Three hours lecture. An exploration of important literary, political and cultural phenomena from the British eighteenth century. Covers a variety of genres.</p> <p>METHOD OF INSTRUCTION: C DELIVERY: F C.I.P. 23.0801 24-CHAR: Brit Lit/Cult 18th Cent</p> <p>Effective: Fall 2010</p> |
| <p>Delete FLS 4443</p> | <p>Modernismo. (3). (Prerequisite: FLS 3513 or consent of instructor). Three hours lecture. A survey of Modernismo in Spanish-American literature (1888-1916).</p> <p>Effective: Fall 2010</p> |
| <p>Add HI 4983</p> | <p>African Americans and the Law. (3). Three hours lecture. Analysis of the legal and constitutional history of African Americans from the codification of slavery and discrimination in the North to the rise of segregation. (Same as AAS 4983).</p> <p>METHOD OF INSTRUCTION: C DELIVERY: F C.I.P. 05.0201 24-CHAR: Law, African Americans</p> <p>Effective: Fall 2010</p> |

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| Add | PHI 3313 | <p>Environmental Ethics. (3). Three hours lecture. A philosophical examination of the relationship between humanity and the natural world.</p> <p>METHOD OF INSTRUCTION: C DELIVERY: F C.I.P. 38.0103 24-CHAR: Environmental Ethics</p> <p>Effective: Fall 2010</p> |
| Delete | SO 8203 | <p>Data Management. (3). Three hours lecture. Acquisition, management, and manipulation of social science data sources, comprehensive statistical package instruction, basic computation and analysis, and relation between sociological theory and data analysis.</p> <p>Effective: Fall 2010</p> |

BUISNESS AND INDUSTRY

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| FR: | ACC 4203/6203 | <p>Accounting Internship. (3). (Prerequisite: Senior Standing and approval by the internship director prior to the internship). A minimum of eight consecutive weeks consisting of forty hours per week of professional experience in audit, tax and other accounting related areas.</p> |
| TO: | ACC 4203/6203 | <p>Accounting Internship. (3). (Prerequisite: Senior Standing and approval by the internship director prior to the internship). Credit to be arranged based on time and circumstances of the internship providing professional experience in audit, tax and other accounting related areas.</p> <p>METHOD OF INSTRUCTION: E DELIVERY: F C.I.P. 52.0301 24-CHAR: Accounting Internship</p> <p>Effective: Fall 2010</p> |

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| <p>Add</p> <p>INS 8113</p> | <p>Insurance Education. (3). (Prerequisite: Consent of Instructor). Three hours lecture. Examination of insurance principles for high school teachers. Coverage will include a broad array of related topics to help prepare teachers for the classroom.</p> <p>METHOD OF INSTRUCTION: C DELIVERY: F,O C.I.P. 52.0805 24-CHAR: Insurance Education</p> <p>Effective: Fall 2010</p> |
| <p>Modify</p> <p>FR: MKT 2221</p> <p>TO: MKT 2221</p> | <p>PGM Level 1 Seminar. (3). (Prerequisite: enrollment in the PGM program or permission of instructor). One hour lecture. This course introduces the PGM program and helps students work through Level 1 checkpoint metrical a designated by the PGA of America.</p> <p>Golf Professional Development I. (3). (Prerequisite: enrollment in the PGM program or permission of instructor). Two hour lab. Introduction to PGA PGM program course materials. Practical applications of golf tournament operations; introduction to teaching golf and golf club performance; and customer relations material. America.</p> <p>METHOD OF INSTRUCTION: L DELIVERY: F C.I.P. 52.1401 24-CHAR: Golf Professional Dev I</p> <p>Effective: Spring 2011</p> |

EDUCATION

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| Add | LSK 2010 | <p>Praxis: Academic Core Enrichment-- PACE. (1-3). (Restrictions: Education Majors). One to three variable credit hours lecture. PACE is designed to provide education majors with a thorough review of the basic skills necessary to pass the PRAXIS I Pre-Professional Skills Test in reading, writing, and mathematics.</p> <p>METHOD OF INSTRUCTION: C DELIVERY: F C.I.P. 13.0301 24-CHAR: Praxis: Acad Core Enrich</p> <p>Effective: Fall 2010</p> |
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ENGINEERING

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| Add | CE 4733/6733 | <p>Construction Engineering Equipment and Methods. (3). Three hours lecture. Aspects of planning, operation and management of civil engineering support equipment, site logistics, equipment cost engineering, power systems and environmental considerations of equipment use.</p> <p>METHOD OF INSTRUCTION: C DELIVERY: F C.I.P. 14.1001 24-CHAR: Const Eng Equipt & Mthds</p> <p>Effective: Fall 2010</p> |
| Add | ECE 3213 | <p>Introduction to Solid State Electronics. (3). (Prerequisite: grade of C or better in ECE 3424). Three hours lecture. Introduction to quantum mechanics, semiconductor physics and solid state electronics. Energy band structure and charge carriers in semiconductors. Junctions, diodes and transistors.</p> <p>METHOD OF INSTRUCTION: C DELIVERY: F C.I.P. 14.1001 24-CHAR: Solid State Electronics</p> <p>Effective: Fall 2010</p> |

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| <p>Add</p> <p>ECE 4763/6763</p> | <p>Information and Computer Security. (3). (Prerequisite: Grade of C or better in CSE 4733/6733). Three hours lecture. Topics include encryption systems, network security, electronic commerce, systems threats, and risk avoidance procedures. (Same as CSE 4243/6243)</p> <p>METHOD OF INSTRUCTION: C DELIVERY: F C.I.P.: 14.1001 24-CHAR: Info and Computer Security</p> <p>Effective: Fall 2010</p> |
| <p>Modify</p> <p>FR: ME 4643</p> <p>TO: ME 4643</p> | <p>Automation of Mechanical Systems. (3). (Prerequisite: ME 1613 and ECE 3283). Three hours lecture. An introduction to the design of automated equipment and processes. Automation of processes using fluid power and industrial controllers.</p> <p>Introduction to Vibrations and Controls. (3). (Prerequisite: ME 3613). Three hours lecture. Review of Laplace Transforms. Introduction to vibrations, Fourier analysis, linearization, system modeling and feedback controls.</p> <p>METHOD OF INSTRUCTION: C DELIVERY: F C.I.P. 14.1901 24-CHAR: Intro Vibration/Controls</p> <p>Effective: Fall 2010</p> |

FOREST RESOURCES

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| <p>Modify FR: FO 8293 TO: FO 8293</p> | <p>Master of Forestry Professional Paper. (3). Three hours lecture. For Master of Forestry students only. Demonstration of ability to compile, synthesize, and evaluate information, and to effectively communicate analyses and conclusions.</p> <p>Professional Paper. (3). Three hours lecture. For Master of Science non-thesis option students only. Demonstration of the ability to compile, synthesize, and evaluate information, and to effectively communicate analyses and conclusions.</p> <p>METHOD OF INSTRUCTION: C DELIVERY: F C.I.P.: 03.0501 24-CHAR:</p> <p>Effective: Fall 2010</p> |
| <p>Add WF 8424</p> | <p>Applied Aquatic Biogeochemistry (3). (Prerequisite: Instructor discretion). Two hours lecture. Two hours laboratory. Theory and application of aquatic biogeochemistry and water quality principles in aquatic systems through lecture and literature discussions. Laboratory sessions will encompass real-world techniques in water quality sampling and analysis.</p> <p>METHOD OF INSTRUCTION: C,B DELIVERY: F C.I.P. 03.0205 24-CHAR: AP. AQ. BIOGEOCHEM</p> <p>Effective: Spring 2011</p> |

VETERINARY MEDICINE

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| Delete | CVM 5012 | Veterinary Informatics and Evidence-based Medicine. (2). (Prerequisite: Enrollment in the professional veterinary degree program). Two hours lecture. This course will include concepts and applications in medical informatics, evidence-based medicine, veterinary problem solving, and critical thinking. : Effective: Fall 2010 |
| Modify Fr: | CVM 5023 | Immunology and Mechanisms of Infectious Agents. (3). (Prerequisite: Enrollment in the professional veterinary classification, pathophysiological mechanism, control and degree program). Three hours lecture. Principles regarding immune responses and the classification, pathophysiological mechanism, control and diagnosis of viruses, bacteria, and fungi of importance in veterinary medicine. |
| To: | CVM 5023 | Infectious Agents I. (3). (Prerequisites: Enrollment in the professional veterinary degree program). Three hours lecture. Principles regarding the classification, pathophysiological mechanisms, control, diagnosis, and zoonotic potential of bacteria of importance in veterinary medicine. METHOD OF INSTRUCTION: C DELIVERY: F C.I.P. 51.2401 24-CHAR: Infectious Agents I Effective: Fall 2010 |

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| <p>Modify FR: CVM 5033</p> <p>TO: CVM 5036</p> | <p>Veterinary Physiology I. (3). (Prerequisite: Enrollment in the professional veterinary degree program). Three hours lecture. Presentation of fundamental concepts, principles and issues in veterinary physiology specifically related to cellular, membrane, muscle, cardiovascular, respiratory, and renal physiology.</p> <p>Veterinary Physiology. (6). (Prerequisite: Enrollment in the professional veterinary degree program). Six hours lecture. Presentation of fundamental concepts, principles, and issues in veterinary physiology, specifically related to cellular physiology, muscle and nerve function, cardiovascular, respiratory, urinary, digestive, endocrine and reproductive physiology.</p> <p>METHOD OF INSTRUCTION: L DELIVERY: F C.I.P.:51.2401 24-CHAR: Veterinary Physiology</p> <p>Effective: Summer 2010</p> |
| <p>Modify Fr: CVM 5064</p> <p>To: CVM 5046</p> | <p>Veterinary Anatomy I. (4). (Prerequisite: Enrollment in the professional veterinary degree program). Six hours lecture-lab combination. Study of gross anatomy through dissection with integration of embryological and radiographic anatomy. Hindlimb/forelimb, vertebral column, head/neck, and thorax. Canine, equine, and bovine models primarily.</p> <p>Veterinary Anatomy I. (6). (Prerequisite: Enrollment in the professional veterinary degree program). Eight hours lecture-lab combination. Study of gross anatomy through dissection with integration of embryological and radiographic anatomy. Hindlimb/forelimb, vertebral column, head/neck, and thorax. Canine, equine, and bovine models primarily.</p> <p>Effective: Fall 2010</p> |

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| <p>Modify Fr: CVM 5074</p> <p>To: CVM 5072</p> | <p>Veterinary Anatomy II. (5). (Prerequisite: CVM 5064 and enrollment in professional veterinary degree program). Six hours lecture-lab combination. Study of anatomy through dissection with integration of embryological/radiographic anatomy. Thorax, alimentary system/abdomen, urogenital systems, pelvic cavity, and mammary gland. Canine, equine, and bovine models primarily.</p> <p>Veterinary Anatomy II. (2). (Prerequisite: CVM 5046 and enrollment in professional veterinary degree program). Three hours lecture and laboratory. Study of anatomy through dissection with integration of embryological/radiographic anatomy. Alimentary system/abdomen, urogenital system, pelvic cavity, and mammary gland. Canine, equine, and bovine models primarily.</p> <p>Effective: Summer 2010</p> |
| <p>Delete CVM 5083</p> | <p>Construction Engineering Equipment and Methods. (3). (prerequisite: CVM 5033). Three hours lecture. Presentation of fundamental concepts, principles, and issues in veterinary physiology specifically related to digestive, endocrine and reproductive physiology.</p> <p>Effective: Summer 2010</p> |
| <p>Modify Fr: CVM 5093</p> <p>To: CVM 5193</p> | <p>Veterinary Infectious Agents of Disease. (3). (Prerequisite: CVM 5023.) Three hours lecture. A systematic presentation of viruses, bacteria, and fungi causing diseases of importance in veterinary medicine.</p> <p>Infectious Agents II. (3). (Prerequisite: C or better in CVM 5023). Three hours lecture. A systematic presentation of viruses and fungi and their features of importance in veterinary medicine including disease synonyms morphology, classification, and character of the disease.</p> <p>METHOD OF INSTRUCTION: C DELIVERY: F C.I.P. 51.2401 24-CHAR: Infectious Agents II</p> <p>Effective: Spring 2011</p> |

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| Add | CVM 5111 | <p>Professional Development III. (1). (Prerequisite: Enrollment in the professional veterinary degree program). One hour lecture. Application of evidence based medicine and quantitative skills in veterinary medicine.</p> <p>METHOD OF INSTRUCTION: C DELIVERY: F C.I.P. 51.2401 24-CHAR: Prof Develop III</p> <p>Effective: Fall 2010</p> |
| Add | CVM 5121 | <p>Professional Development IV. (1). (Prerequisite: Enrollment in the professional veterinary degree program). One hour lecture. Jurisprudence and legal issues in veterinary medicine.</p> <p>METHOD OF INSTRUCTION: C DELIVERY: F C.I.P. 51.2401 24-CHAR: Prof Develop IV</p> <p>Effective: Fall 2010</p> |
| Modify Fr: | CVM 5122 | <p>Anesthesia and Pharmacology I. (2). (Prerequisite: Enrollment in the professional veterinary degree program). Two hours lecture. Basic principles of drugs action, absorption and metabolism will be covered, along with anesthesiology, including an introduction to patient management, anesthetic induction, and anesthesia equipment.</p> |
| To: | CVM 5213 | <p>Introduction to Veterinary Anesthesiology. (3). (Prerequisite: Enrollment in the professional veterinary degree program). Two hours lecture. Two hours laboratory. This course is an introduction to principles of anesthesia for the common veterinary species, and includes equipment, drugs, methods of administration, monitoring, and methods for specific disease states.</p> <p>METHOD OF INSTRUCTION: C DELIVERY: F C.I.P. 51.2401 24-CHAR: Intro Vet Anesthesiology</p> <p>Effective: Fall 2010</p> |

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| <p>Modify Fr: CVM 5185</p> <p>To: CVM 5186</p> | <p>Small Animal Medicine and Surgery I. (5). (prerequisite: Enrollment in professional veterinary degree program). Four hours lecture. Two hours laboratory. This course covers diagnosis and treatment of medical and surgical conditions of the cardio-respiratory, dermatological and urogenital systems with selected topics in emergency medicine.</p> <p>Small Animal Medicine and Surgery I. (6). (prerequisite: Enrollment in professional veterinary degree program). Four hours lecture. Two hours laboratory. This course covers diagnosis and treatment of medical and surgical conditions of the urogenital, gastrointestinal, cardiorespiratory, hematologic, and nervous systems, plus emergency medicine.</p> <p>Effective: July 2011</p> |
| <p>Modify Fr: CVM 5195</p> <p>To: CVM 5196</p> | <p>Small Animal Medicine and Surgery II. (5). (prerequisite: Enrollment in professional veterinary degree program). Four hours lecture. Two hours laboratory. Course covers diagnosis and treatment of medical and surgical conditions of the musculoskeletal, digestive, and endocrine systems.</p> <p>Small Animal Medicine and Surgery II. (6). (prerequisite: Enrollment in professional veterinary degree program). Five hours lecture. Two hours laboratory. This course covers diagnosis and treatment of medical and surgical conditions of the musculoskeletal, endocrine, and integumentary systems, plus selected topics in small animal oncology.</p> <p>Effective: Summer 2010</p> |

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| Add | CVM 5223 | <p>Pharmacology I. (Prerequisite: Enrollment in the professional veterinary degree program). Three hours lecture. Molecular basis for absorption, mechanism of action, metabolism, excretion and toxicity focusing on pharmaceuticals used to treat hemostatic, neoplastic, parasitic, and inflammatory disorders.</p> <p>METHOD OF INSTRUCTION: C DELIVERY: F C.I.P. 51.2401 24-CHAR: Pharmacology I</p> <p>Effective: Fall 2010</p> |
| Modify Fr: | CVM 5302 | <p>Professional Development IV. (2). (Prerequisite: Enrollment in the professional veterinary degree program). One hour lecture. Three hours laboratory. Advanced communications skills. Professional writing and public speaking to the scientific audience.</p> |
| To: | CVM 5302 | <p>Clinicopathologic Conference. (2). (Prerequisite: Enrollment in the professional veterinary degree program). One hour lecture. Three hours laboratory. Advanced communications skills. Professional writing and public speaking to the scientific audience.</p> <p>METHOD OF INSTRUCTION: C DELIVERY: F C.I.P. 51.2401 24-CHAR: Clinicopathologic Conference</p> <p>Effective: Summer 2010</p> |
| Delete | CVM 5444 | <p>Clinical Small Animal Practice. (4). Four hours practicum. (May be repeated for credit). This rotation provides students opportunities to develop problem solving, psychomotor and interpretive skills and environment that closely simulates a high-quality private small animal practice</p> <p>Effective: Summer 2010</p> |

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| Add | CVM 5553 | <p>Pharmacology II. (3). Three hours lecture. There is an emphasis on antimicrobial therapy. The course also addresses regulatory issues, vaccinology, and the management of disease syndromes.</p> <p>METHOD OF INSTRUCTION: C DELIVERY: F C.I.P. 51.2401 24-CHAR: Pharmacology II</p> <p>Effective: Fall 2011</p> |
| Add | CVM 6021 | <p>Essentials in Research Practice and Professionalism. (1). One hour lecture. An introduction to fundamental research methodologies, compliance, communication, and basic research ethics to prepare students for becoming a member of a research team.</p> <p>METHOD OF INSTRUCTION: C DELIVERY: F C.I.P. 51.2401 24-CHAR: Essent Res Prac & Prof</p> <p>Effective: Fall 2010</p> |
| Add | CVM 8993 | <p>Functional Genomics. (3) (Prerequisites: BCH 6713 Molecular Biology and ST 6243 Data analysis or consent of instructor). Three hours lecture. Fundamental concepts, technology, and applications of functional genomics, such as microarray, yeast hybrid systems, and RNA inference, emphasizing experimental design, analysis, and applications in biomedical research.</p> <p>METHOD OF INSTRUCTION: C DELIVERY: F C.I.P. 51.2401 24-CHAR: Functional Genomics</p> <p>Effective: Fall 2010</p> |

2. DEGREE PROPOSALS

ACADEMIC AFFAIRS

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| <p>Modify From: Environmental Science Certificate To: Environment and Sustainability Certificate</p> | <p>Name change; reduce required hours from 22 to 17; courses now divided among 3 categories (humanities, social science, and science and engineering); ENS 2102 increased from two hours to three hours. Effective: Summer 2010</p> |
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AGRICULTURAL AND LIFE SCIENCES

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| <p>Modify Degree: Master Major: Agribusiness Management</p> | <p>Replace four Agricultural Economics classes with four AEC classes; eliminate the two tracks offered. Effective: Fall 2010</p> |
| <p>Modify Degree: Bachelor of Science Major: Agricultural Science</p> | <p>Change BIO 1123, BIO 1203, and CH 1043 to BIO 1134, BIO 1144, and CH 1043. Change AEC 2713 and PS 1113 to AEC 2713 and any gen ed course. Delete BIO 2213, CH 2501, CH 2503, EPP 3113, PO 3103, PSS 3133, and physics elective (3 hours) from major core. Add 14 hours of agriculture/science electives (3 hours must be a natural/life science. Effective: Fall 2010</p> |
| <p>Modify Degree: Doctor of Philosophy Major: Agricultural Sciences Concentration: Agricultural Sciences</p> | <p>Change to required hours and courses, including deletion of required courses from the College of Education. Effective: Summer 2010</p> |

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 May 20, 2010

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| Modify Degree: BS in Horticulture Concentration: Floricultural and Ornaments | Drop BIO 2213; add LA 1803 as art elective for Horticultural Science concentration; change Oral communication and Microcomputer requirements; add additional course to the restricted elective and remove courses no longer taught; update course names. Effective: Fall 2010 |
| Add Degree: Master of Science Major: Human Development and Family Studies | New Degree Effective: Fall 2011 |
| Add Degree: Doctor of Philosophy Major: Human Development and Family Studies | New Degree Effective: Fall 2011 |

ARTS AND SCIENCES

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| Modify Degree: BS and MS in Biological Sciences | Offering an option for students to combine studies in BS with studies towards the MS. Effective: Fall 2010 |
| Modify Degree: B.A. and M.A in History | Addition of a 5 th year MA program that will allow for undergraduates to work on their master's program after fulfilling certain requirements. Effective: Fall 2010 |

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| Modify Degree: Master of Science Major: Geosciences Concentrations: Broadcast Meteorology, Environmental Geosciences, Geography, Geology, Geospatial Sciences, Professional Meteorology/Climatology, Teachers in Geosciences, and Applied Meteorology | Change emphasis areas to the following concentrations: Broadcast Meteorology, Environmental Geosciences, Geography, Geology, Geospatial Sciences, Professional Meteorology/Climatology, Teachers in Geosciences, and Applied Meteorology Effective: Fall 2010 |
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BUISNESS AND INDUSTRY

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| Modify Degree: Bachelor of Accountancy | Change the seven hours of non-business electives to free electives (increase from 3 to ten). Effective: Fall 2010 |
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ENGINEERING

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| Modify Degree: Bachelor of Science Major: Computer Engineering | Add CO 1013 as an alternative to CO 1003; Replace MA 4533 with 4613 Effective: Fall 2010 |
| Modify Degree: Bachelor of Science Major: Electrical Engineering | Add CO 1013 as an alternative to CO 1003; Replace MA 4533 with IE 4613; Replace PH 2233 with ECE 3213 Effective: Fall 2010 |

3. AOCE PROPOSALS

COURSES

AGRICULTURE & LIFE SCIENCES

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|---------------|-------------------------------------|
| FNH 4353/6353 | Nutrition/Life Cycle |
| HS 4353 | Nutrition Throughout the Life Cycle |

ARTS AND SCIENCES

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| HI 4653/6653 | History of Science and Technology |
| PPA 8103 | Seminar in Public Administration |
| SW 2303 | Social Welfare Policy I |

BUISNESS AND INDUSTRY

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| BIS 6113 | BIS Security Management |
| BIS 6513 | Microcomputers/Networks |
| BIS 6523 | Advanced Languages II |
| BIS 6533 | Decision Support Systems |
| BIS 8112 | Management Info. Technology & Sys |
| BIS 8313 | Advanced Database Des. Adm. |
| BIS 8513 | Business Telecommunications |
| BIS 8753 | Information Systems Collaborative Project |

ENGINNERING

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| ASE 4423/6423 | Introduction to Computational Fluid Dynamics |
| ASE 4433/6433 | Fundamentals of Numerical Grid Generation |
| CSE 3813 | Introduction to Formal Languages and Automata |
| CSE 4163/6163 | Designing Parallel Algorithms |
| CSE 4233/6233 | Software Architecture and Design Paradigms |
| CSE 4383/6383 | Cryptography and Network Security |
| CSE 4413/6413 | Principles of Computer Graphics |
| CSE 4503/6503 | Database Management Systems |
| CSE 4633/6633 | Artificial Intelligence |
| CSE 4653/6653 | Cognitive Science |
| CSE 4663/6663 | Human-Computer Interaction |
| CSE 4713/6713 | Programming Languages |
| CSE 4723/6723 | Compiler Construction |
| CSE 4833/6833 | Intro to Algorithms |
| CSE 8153 | Advanced Data Communications |
| CSE 8163 | Parallel and Distributed Scientific Computing |
| CSE 8263 | Software Verification and Validation |
| CSE 8283 | Empirical Software Engineering |
| CSE 8433 | Advanced Computer Graphics |
| CSE 8673 | Machine Learning |
| CSE 8813 | Theory of Computation |
| CSE 8833 | Algorithms |
| CSE 8843 | Complexity of Sequential and Parallel Algorithms |
| EM 8113 | Theory of Continuous Media |

AOCE DEGREES

BUISNESS AND INDUSTRY

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| Graduate Certificate | Information Systems |
| Master of Science | Information Systems |

ENGINNERING

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| Master of Science | Computer Science |
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4. GENERAL EDUCATION CURRICULUM

AGRICULTURAL AND LIFE SCIENCES

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| Add | FNH 2293 | Individual and Family Nutrition. (3). Three hours lecture. Fundamental principles of human nutrition and the practical application of this knowledge in the selection of adequate diets. (Same as HS 2293). Effective: Fall 2010 |
| Add | HS 2293 | Individual and Family Nutrition. (3). Three hours lecture. Fundamental principles of human nutrition and the practical application of this knowledge in the selection of adequate diets. (Same as FNH 2293). Effective: Fall 2010 |

5. TECHNICAL CHANGE

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| CVM 8614 | Helmintholgy. (4). (Prerequisite: BIO 1504 or equivalent). Three hours lecture. Three hours laboratory. This course will cover current concepts in morphology and identification, life cycle, and host-parasite relationships of helminthic parasites. |
| CVM 8614 | Helmintholgy. (4). (Prerequisite: BIO 1144 or consent of instructor). Three hours lecture. Three hours laboratory. This course will cover current concepts in morphology and identification, life cycle, and host-parasite relationships of helminthic parasites. |

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

Proposals**

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

Date