

## MEMORANDUM

April 23, 2002

**TO:** Academic Deans Council

**FROM:** Dr. Keith L. Belli  
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 May 15, 2002 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.

### AGRICULTURE AND LIFE SCIENCES

Add	PSS 8645	<p>Field Applications of Weed Sciences Principles I. (5) (Prerequisite: PSS 6633 and PSS 6813 or consent of instructor). Three hours lecture. Four hours laboratory. Field weed identification; herbicide symptomology; problem solving in cotton, soybean, and vegetables; application equipment calibration.</p> <p><b>METHOD OF INSTRUCTION:</b> C <b>C.I.P. NUMBER:</b> 02.0401 <b>24-CHARACTER ABBREVIATION:</b> Field Appl Weed Sc Pr I</p> <p><b>Effective:</b> Summer 2002</p>
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Add                    PSS 8655	<p>Field Applications of Weed Science Principles II. (5) (Prerequisite: PSS 8646 or consent of instructor). Three hours lecture. Four hours laboratory. Field weed identification; herbicide symptomology; problem solving in turf, field corn, rice, sorghum and pastures; application equipment calibration.</p> <p><b>METHOD OF INSTRUCTION: C</b>  <b>C.I.P. NUMBER: 02.0401</b>  <b>24-CHARACTER ABBREVIATION:</b>  Field Appl Weed Sc Pr II</p> <p><b>Effective: Summer 2002</b></p>
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**EDUCATION**

Modify    MU 1111-1121  To:            MU 1111-1121	<p>Piano Class. (1) Two hours laboratory. Class study of piano techniques.</p> <p>Piano Class. (1) Two hours laboratory. Beginning piano for non-music majors.</p> <p><b>Effective: Fall 2002</b></p>
Delete            MU 1161	<p>Survey of Musical Styles. (1) Two hours laboratory. An introduction to musical styles with special focus on the basic structural elements and performance media in each style. (Required of all music majors)</p> <p><b>Effective: Fall 2002</b></p>

Add	MU 1162	<p>Survey of Musical Styles. (2) Two hours lecture. An introduction to musical styles with special focus on the basic structural elements and performance media in each style. (Required of all music majors).</p> <p><b>METHOD OF INSTRUCTION:</b> C <b>C.I.P. NUMBER:</b> 50.0901 <b>24-CHARACTER ABBREVIATION:</b> Survey of Musical Styles</p> <p><b>Effective: Fall 2002</b></p>
Add	MU 1213-1413	<p>Music Theory I (3) and Music Theory II. (3) Three hours lecture. A course for music majors in which the elements of form, melody, rhythm, and harmony of music are studied on an integrated plan.</p> <p><b>METHOD OF INSTRUCTION:</b> C <b>C.I.P. NUMBER:</b> 50.0901 <b>24-CHARACTER ABBREVIATION:</b> Music Theory I and II</p> <p><b>Effective: Fall 2002</b></p>
Delete	MU 1214-1224	<p>Theory. (4) Three hours lecture. Two hours laboratory. A course for music majors in which elements of form, melody, rhythm, and harmony of music are studied on an integrated plan through listening, singing, writing, keyboard playing and dictation.</p> <p><b>Effective: Fall 2002</b></p>

Add            MU 1321-1521	<p>Ear Training I (1) and Ear Training II. (1) Two hours laboratory. A course for music majors utilizing micro and macro-listening to emphasize melodic, harmonic, and rhythmic patterns and relationships in music.</p> <p><b>METHOD OF INSTRUCTION:</b> L  <b>C.I.P. NUMBER:</b> 50.0901  <b>24-CHARACTER ABBREVIATION:</b>  Ear Training I and II</p> <p><b>Effective: Fall 2002</b></p>
Add            MU 2111-2121	<p>Piano Class. (1) Two hours laboratory. Beginning piano for instrumental and vocal music majors.</p> <p><b>METHOD OF INSTRUCTION:</b> L  <b>C.I.P. NUMBER:</b> 50.0901  <b>24-CHARACTER ABBREVIATION:</b>  Music Majors Piano 1-2</p> <p><b>Effective: Fall 2002</b></p>
Delete            MU 2213	<p>History and Literature of Music I. (3) Three hours lecture. An intensive study of music, composers, and significant literature with special research topics. (Primarily for music majors.)</p> <p><b>Effective:</b> Fall 2002</p>
Delete            MU 2214-2224	<p>Theory. (4) (Prerequisite: MU 1214-1224). Three hours lecture. Two hours laboratory. A course for music majors in which elements of form, melody, rhythm, and harmony of music are studied on an integrated plan through listening, singing, writing, keyboard playing and dictation.</p> <p><b>Effective: Fall 2002</b></p>

Add                    MU 2322	<p>History and Literature of Music I. (2) Two hours lecture. An intensive study of the history of music, composers, and significant literature with special research topics. (Primarily for music majors).</p> <p><b>METHOD OF INSTRUCTION: C</b>  <b>C.I.P. NUMBER: 50.0901</b>  <b>24-CHARACTER ABBREVIATION:</b>  History and Literature of Music I</p> <p><b>Effective: Fall 2002</b></p>
Add                    MU 2613-2813	<p>Music Theory III (3) and Music Theory IV. (3) (Prerequisite: MU 1213-1413). Three hours lecture. A course for music majors in which the elements of form, melody, rhythm, and harmony of music are studied on an integrated plan.</p> <p><b>METHOD OF INSTRUCTION: C</b>  <b>C.I.P. NUMBER: 50.0901</b>  <b>24-CHARACTER ABBREVIATION:</b>  Music Theory III and IV</p> <p><b>Effective: Fall 2002</b></p>
Add                    MU 2721-2921	<p>Ear Training III (1) and Ear Training IV. (1) Two hours laboratory. A course for music majors utilizing micro and macro-listening to emphasize melodic, harmonic and rhythmic patterns and relationships in music.</p> <p><b>METHOD OF INSTRUCTION: L</b>  <b>C.I.P. NUMBER: 50.0901</b>  <b>24-CHARACTER ABBREVIATION:</b>  Ear Training III and IV</p> <p><b>Effective: Fall 2002</b></p>

<p>Modify      MU 3111-3121</p> <p>To:            MU 3111-3121</p>	<p>Piano Class. (1) Two hours laboratory. Continuation of MU 1111-1121.</p> <p>Piano Class. (1) (Prerequisite: grade of C or better in MU 2121 or equivalent or permission of instructor). Two hours laboratory. Intermediate piano for instrumental and vocal music majors; continuation of MU 2121.</p> <p><b>Effective: Fall 2002</b></p>
<p>Add            MU 3112-3122</p>	<p>Piano Class. (2) (Prerequisite: Prior credit or concurrent enrollment in MU 1213-1413). Two hours laboratory. Functional keyboard skills for music majors who read and play intermediate to advanced-level piano repertoire.</p> <p><b>METHOD OF INSTRUCTION: L</b>  <b>C.I.P. NUMBER: 50.0901</b>  <b>24-CHARACTER ABBREVIATION:</b>  Funct. Skills Piano 1-2</p> <p><b>Effective: Fall 2002</b></p>
<p>Modify            MUE 3211</p> <p>To:                MUE 3212</p>	<p>Brass Techniques. (1) Two hours laboratory. Study of brass winds with emphasis on embrochure, techniques, and teaching problems.</p> <p>Brass Techniques. (2) Two hours lecture. Study of brass winds with emphasis on embrochure, techniques, and teaching problems.</p> <p><b>Effective: Fall 2002</b></p>

Add                    MUE 3213	Performance Assessment in Music Education. (3) Three hours lecture. Limited to music majors. Methods and materials of performance assessment in music education.  <b>METHOD OF INSTRUCTION: C</b> <b>C.I.P. NUMBER: 50.0901</b> <b>24-CHARACTER ABBREVIATION:</b> Perf. Assess. in Music Ed.  <b>Effective: Fall 2002</b>
Modify                MUE 3221  To:                    MUE 3222	Woodwind Techniques. (1) Two hours laboratory. Study of woodwinds with emphasis on embrochure, techniques, and teaching problems.  Woodwind Techniques. (2) Two hours lecture. Study of woodwinds with emphasis on embrochure, techniques, and teaching problems.  <b>Effective: Fall 2002</b>
Modify                MUE 3241  To:                    MUE 3242	Percussion Class. (1)Two hours laboratory. Study of percussion instruments with emphasis on rudiments, pitch percussion and teaching techniques.  Percussion Class. (2) Two hours lecture. Detailed study of percussion instruments with emphasis on teaching problems, training materials, and performance literature.  <b>Effective: Fall 2002</b>

Add                    MUE 3243	<p>Planning and Managing Learning in Music Education. (3) Three hours lecture. Study of variables contributing to efficiency and competency for teacher-learner activities and the creation and maintenance of a positive learning environment in music classrooms.</p> <p><b>METHOD OF INSTRUCTION: C</b>  <b>C.I.P. NUMBER: 50.0901</b>  <b>24-CHARACTER ABBREVIATION:</b>  Plan/Manage Lrn Mus. Ed</p> <p><b>Effective: Fall 2002</b></p>
Modify                MU 3333  To:                    MU 3333	<p>Orchestration. (3) Three hours lecture. Practical scoring for instrumental choirs and larger groups.</p> <p>Orchestration. (3) Three hours lecture. Basic arranging/orchestration techniques for chorus and band. The student will learn the practical ranges of band instruments and voices so that they can write idiomatically.</p> <p><b>Effective: Fall 2002</b></p>
Modify                MU 3442  To:                    MU 3442	<p>Instrumental Conducting and Literature. (2) (Prerequisite: MU 3412 or consent of instructor). One hour lecture. Two hours laboratory. Continuation of MU 3412 with emphasis on interpretation of significant instrumental literature.</p> <p>Advanced Conducting. (2) (Prerequisite: MU 3412 or consent of instructor). One hour lecture. Two hours laboratory. Continuation of MU 3412 with emphasis on interpretation of significant instrumental and choral literature.</p> <p><b>Effective: Fall 2002</b></p>
Delete                MUE 3523	<p>Instrumental Methods and Materials. (3) One hour lecture. Four hours laboratory. Limited to music majors. Methods and materials for instrumental instruction in the elementary and secondary schools.</p> <p><b>Effective: Fall 2002</b></p>



Delete	MUE 3533	General Music Methods and Materials. (3) One hour lecture. Four hours laboratory. Limited to music majors. Methods and materials for general music education in elementary and secondary schools.  <b>Effective: Fall 2002</b>
Delete	MUE 3543	Choral Methods and Materials. (3) One hour lecture. Four hours laboratory. Limited to music majors. Methods and materials for choral music education in junior and senior high schools.  <b>Effective: Fall 2002</b>
Delete	MUE 3612	Introduction to Music Education. (2) One hour lecture. Two hours laboratory. An introduction to four central components in music education: the teacher, the curriculum, philosophical perspectives, and the process of teaching and learning.  <b>Effective: Fall 2002</b>
Delete	MU 4322	Band Arranging. (2) One hour lecture. Two hours laboratory. Basic arranging techniques for band.  <b>Effective: Fall 2002</b>
Delete	MU 4332	Choral Arranging. (2) One hour lecture. Two hours laboratory. Basic arranging techniques for chorus.  <b>Effective: Fall 2002</b>
Delete	MU 4412	Vocal Literature. (2) A study of basic vocal and stylistic trends of the Baroque, Classical, Romantic and Contemporary periods. (Required of all vocal majors.)  <b>Effective: Fall 2002</b>
Delete	MUE 4511	Introductory Marching Band Techniques. (1) Two hours laboratory. An introductory course in fundamental marching band techniques.  <b>Effective: Fall 2002</b>

**ENGINEERING**

<p>Modify            ABE 4312</p> <p>To:                ABE 4313</p>	<p>Biosystems Environment II. One hour lecture. Two hours laboratory. Fundamental principles related to the transport phenomena occurring in biological systems and the use of these principles to optimize the output of biological systems.</p> <p>Biological Treatment of Nonpoint Source Pollutants. (3) Three hours lecture. Fundamental principles and design of biologically based treatment systems used to remove pollutants and protect receiving waters from agricultural and urban/suburban storm water runoff.</p> <p><b>Effective: Fall 2002</b></p>
<p>Add              ABE 4323</p>	<p>Physiological Systems in Biomedical Engineering. (3) Three hours lecture. (Prerequisites: BIO 1504 or equivalent; EM 3313 or equivalent; ABE 3813; ABE 4803 or equivalent). Mathematical description and modeling of the behavior of physiological systems significant to biomedical engineers.</p> <p><b>METHOD OF INSTRUCTION: C</b>  <b>C.I.P. NUMBER: 14.0501</b>  <b>24-CHARACTER ABBREVIATION:</b>  Phys Sys Biomed Eng</p> <p><b>Effective: Fall 2002</b></p>
<p>Delete          ABE 4821/6821</p>	<p>Practices of Engineering Design. (1) (Prerequisite: Consent of the instructor). One hour lecture. Synthesis and design of systems based upon physical and biological design criteria.</p> <p><b>Effective: Spring 2002</b></p>

**FORESTRY**

Modify	FO 3012	Introduction to Forest Communities. (2) (Prerequisites: PSS 3301, PSS 3303, BIO 2203). 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 2112, FO 2111). Field exercises to gain practical knowledge of soil-geology-ecology interrelationships through trips to various physiographic regions.  <b>Effective: Summer 2002</b>
Modify	FO 3014	Forest Description and Analysis. (4) (Prerequisites: ABE 2873, FO 2213). Field and laboratory exercises to gain practical experience with forest measurement techniques and equipment. Mapping, inventory, and analysis of forested tracts.
To:	FO 3015	Forest Description and Analysis. (5) (Prerequisite: FO 2213). Field and laboratory exercises to gain practical experience with forest and land measurement techniques and equipment. Mapping, inventory, and analysis of forested tracts.  <b>Effective: Fall 2002</b>
Modify	FO 4221/6221	Practice of Silviculture Laboratory. (1) (Prerequisite: FO 4123/6123; corequisite: FO 4223/6223). Four hours laboratory. Application of silviculture practices and operations under given forest land management objectives.
To:	FO 4221/6221	Practice of Silviculture Laboratory. (1) (Prerequisite: FO 4123/6123 or WF 4223; corequisite: FO 4223/6223). Four hours laboratory. Application of silviculture practices and operations under given forest land management objectives.  <b>Effective: Fall 2002</b>

<p>Modify      FO 4223/6223</p> <p>To:            FO 4223/6223</p>	<p>Practice of Silviculture. (3) (Prerequisite: FO 4123/6123, FO 4121/6121; corequisite: FO 4221/6221). Three hours lecture. Manipulation to obtain desired reproduction and to attain optimum development under given forest land management objectives.</p> <p>Practice of Silviculture. (3) (Prerequisite: FO 4123/6123, FO 4121/6123, or WF 3133 and WF 4223; corequisite: FO 4221/6221). Three hours lecture. Manipulation to obtain desired reproduction and to attain optimum development under given forest land management objectives.</p> <p><b>Effective: Fall 2002</b></p>
<p>Modify      FO 4311/6311</p> <p>To:            FO 4311/6311</p>	<p>Forest Photogrammetry Laboratory. (1) (Pre-requisite: FO 3014; co-requisite: FO 4312/6312). Three hours laboratory. Fundamentals of scale, area, height and stand volume determinations from aerial imagery; planimetric and mapping; image interpretation; applications to natural resource management.</p> <p>Spatial Technologies in Natural Resources Management Laboratory. (1) (Pre-requisite: FO 3015 or consent of instructor; co-requisite: FO 4313/6313). Three hours laboratory. Fundamentals of scale, area, height, and stand volume determinations from aerial imagery; planimetric and topographic mapping; image interpretation; GPS and GIS; applications to natural resources.</p> <p><b>Effective: Fall 2002</b></p>
<p>Modify      FO 4312/6312</p> <p>To:            FO 4313/6313</p>	<p>Forest Photogrammetry. (2) (Pre-requisite: FO 3014; co-requisite: FO 4311/6311). Two hours lecture. Fundamentals of scale, area, height, and stand volume determinations from aerial imagery; planimetric and topographic mapping; basic image interpretation; application to natural resource management.</p> <p>Spatial Technologies in Natural Resources Management. (3) (Pre-requisite: FO 3015 or consent of instructor; co-requisite: FO 4311/6311). Three hours lecture. Fundamentals of scale, area, height, and stand volume determinations from aerial imagery; planimetric and topographic mapping; image interpretation; GPS and GIS; applications to natural resources.</p> <p><b>Effective: Fall 2002</b></p>

<p>Modify      FO 4232/6232</p> <p>To:            FO 4233/6233</p>	<p>Forest Operations and Harvesting. (2) (Prerequisites: FO 3014, FO 4231/6231). Two hours lecture. Study of practical, managerial, and logistic considerations associated with harvesting and other forest operations, as well as their social, environmental and legal influences.</p> <p>Forest Operations and Harvesting. (3) (Prerequisites: FO 3015, FO 4231/6231, or consent of instructor). Three hours lecture. Study of practical, managerial, and logistic considerations associated with harvesting and other forest operations, as well as their social, environmental, and legal influences.</p> <p><b>Effective: Fall 2002</b></p>
<p>Add            WF 4121</p>	<p>Wildlife and Fisheries Biometrics Laboratory. (1) (Prerequisite: ST 3113; co-requisite: WF 4122). Four hours laboratory alternate weeks. Application of basic statistical analytical tools to address wildlife and fisheries management/research questions.</p> <p><b>METHOD OF INSTRUCTION: L</b>  <b>C.I.P. NUMBER:03.0601</b>  <b>24-CHARACTER ABBREVIATION:</b>  Wildl &amp; Fish Biom Lab</p> <p><b>Effective: Fall 2002</b></p>
<p>Add            WF 4122</p>	<p>Wildlife and Fisheries Biometrics. (2) (Prerequisite: ST 3113; Co-requisite: WF 4121). Two hours lecture. Application of basic statistical analytical tools to address wildlife and fisheries management/research questions.</p> <p><b>METHOD OF INSTRUCTION: C</b>  <b>C.I.P. NUMBER:03.0601</b>  <b>24-CHARACTER ABBREVIATION:</b>  Wildl &amp; Fish Biometrics</p> <p><b>Effective: Fall 2002</b></p>

Add	WF 4453/6453	<p>International Cultures and Natural Resources Management. (3) (Prerequisite: Jr./Sr. standing or consent of instructor). Three hours lecture. Comparative examination of how natural resources are viewed and used by various cultures and how this relates to natural resources management.</p> <p><b>METHOD OF INSTRUCTION:</b> C <b>C.I.P. NUMBER:</b> 03.0601 <b>24-CHARACTER ABBREVIATION:</b> Nat Res &amp; Intl Cultures</p> <p><b>Effective: Fall 2002</b></p>
Add	WF 8134	<p>Research Methods in Wildlife and Fisheries Sciences. (4) (Prerequisites: Graduate Standing, ST 8114). Three hours lecture, Four hours laboratory. Graduate level introduction to application of scientific methods to wildlife and fisheries ecology and management.</p> <p><b>METHOD OF INSTRUCTION:</b> C <b>C.I.P. NUMBER:</b>03.0601 <b>24-CHARACTER ABBREVIATION:</b> Res Meth Wild&amp;Fish Sci</p> <p><b>Effective: Fall 2002</b></p>
Modify  To:	WF 8144  WF 8144	<p>Wildlife Population Dynamics. (4) (Prerequisite: ST 3113 or consent). Three hours lecture. Two hours laboratory, weekly. Methods of collection, analysis and interpretation of population data as they relate to seasonal, wildlife populations. Estimation of wildlife population numbers.</p> <p>Theory of Wildlife Population Ecology. (4) (Prerequisite: WF 3133, ST 3133 or consent of instructor). Three hours lecture. Two hours laboratory, weekly. Theory of wildlife population ecology including population growth, population regulation, predation, and competition. Basic methods of data collection and population sampling.</p> <p><b>Effective: Fall 2002</b></p>

Add                      WF 8154	<p>Quantitative Applications in Wildlife Population Ecology. (4) (Prerequisite: WF 8144, ST 8114 or consent of instructor). Three hours lecture. Four hours laboratory weekly. Application of basic statistical analytical tools to address natural resource management research questions.</p> <p><b>METHOD OF INSTRUCTION: C</b>  <b>C.I.P. NUMBER: 03.0601</b>  <b>24-CHARACTER ABBREVIATION:</b>  Appl Wldl Pop Ecol</p> <p><b>Effective: Fall 2002</b></p>
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**VETERINARY MEDICINE**

Delete                      CVM 8583	<p>Wildlife and Pharmacology and Toxicology. (3) (Prerequisites: BCH 6603 or PHY 6514 or consent of instructor). Three hours lecture. Use and effects of chemicals on aquatic and terrestrial wildlife organisms.</p> <p><b>Effective: Spring 2001</b></p>
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**PROGRAMS**

Modify                      College of Education, Bachelor of Arts, Music Education	Changes in course requirements  <b>Effective: Fall 2002</b>
Modify                      College of Engineering, Bachelor of Science, Agricultural and Biological Engineering	Changes in course requirements  <b>Effective: Fall 2002</b>

Modify	College of Forest Resources, Bachelor of Science, Forestry	Changes in course requirements <b>Effective: Fall 2002</b>
Add	College of Forest Resources, Minor, Forest Products	Creation of a minor <b>Effective: Fall 2002</b>
Modify	College of Forestry Resources, Bachelor of Science, Wildlife and Fisheries Science Major, all options	Changes in course requirements <b>Effective: Fall 2002</b>

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

Proposals\*\*

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Dr. George Rent  
Associate Vice President for Academic Affairs

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Date

\*\*Please include copies of letters accompanying proposals that are returned to departments.