

MEMORANDUM

May 20, 2002

TO: Academic Deans Council

FROM: Dr. Keith L. Belli
UCCC Chair

RE: Change Notice 8

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 30, 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

Modify	HS 2203	Foods. (3) One hour lecture. Four hours laboratory. A study of foods and the principles underlying preparation of food products of standard quality.
To:	HS 2203	Science of Food Preparation. (3) One hour lecture. Four hours laboratory. A study of foods and the principles underlying handling and preparation of food products to maintain the highest standard of quality.
Effective: Fall 2002		

<p>Modify HS 3263</p> <p>To: HS 3263</p>	<p>Research Methods in Food and Nutrition. (3) (Prerequisites: CS 1013 or equivalent. ST 2113, HS 2293). Two hours lecture. Three hours laboratory. Introduction to food and nutrition research methods, application of computer and related technologies in nutrition research through design and development of a research project.</p> <p>Research Methods in Food and Nutrition. (3) (Prerequisites ST 2113, HS 2293). Two hours lecture. Two hours laboratory. Introduction to food and nutrition research methods, application of computer and related technologies in nutrition research through design and development of a research project.</p> <p>Effective: Fall 2002</p>
<p>Delete HS 4223/6223</p>	<p>Human Nutrition. (3) (Prerequisites: BIO 2014 and CH 2403 or CH 4523/6523). Three hours lecture. Chemistry of foods and nutrition, emphasizing food nutrients, digestion, metabolism and interrelationships of essential food nutrients, methods and techniques used in human nutrition research. (Same as NTR 4223/6223).</p> <p>Effective: Fall 2002</p>
<p>Add HS 4253/6253</p>	<p>Human Nutrition I. (3) (Prerequisites: BIO 2014 and CH 2503 or equivalent). Three hours lecture. Advanced human nutrition: digestion, metabolism, function, requirements, and recommendations for carbohydrates, lipids, proteins and water. (Same as NTR 4253/6253).</p> <p>METHOD OF INSTRUCTION: C C.I.P. NUMBER: 19.0502 24-CHARACTER ABBREVIATION: Human Nutrition I</p> <p>Effective: Fall 2002</p>

Add HS 4293/6293	<p>Human Nutrition II. (3) (Prerequisites: BIO 4253/6253 or consent of instructor). Three hours lecture. Advanced human nutrition and metabolism with emphasis on the functions, requirements, and recommendations of the regulatory nutrients (vitamins and minerals) and water. (Same as NTR 4293/6293).</p> <p>METHOD OF INSTRUCTION: C C.I.P. NUMBER: 19.0502 24-CHARACTER ABBREVIATION: Human Nutrition II</p> <p>Effective: Fall 2002</p>
Delete NTR 4223/6223	<p>Human Nutrition. (3) (Prerequisites: BIO 2014 and CH 2403 or CH 4523/6523). Three hours lecture. Chemistry of foods and nutrition, emphasizing food nutrients, digestion, metabolism and interrelationships of essential food nutrients, methods and techniques used in human nutrition research. (Same as HS 4223/6223).</p> <p>Effective: Fall 2002</p>
Add NTR 4253/6253	<p>Human Nutrition I. (3) (Prerequisites: BIO 2014 and CH 2503 or equivalent). Three hours lecture. Advanced human nutrition: digestion, metabolism, function, requirements, and recommendations for carbohydrates, lipids, proteins and water. (Same as HS 4253/6253).</p> <p>METHOD OF INSTRUCTION: C C.I.P. NUMBER: 19.0502 24-CHARACTER ABBREVIATION: Human Nutrition I</p> <p>Effective: Fall 2002</p>

Add NTR 4293/6293	<p>Human Nutrition II. (3) (Prerequisites: BIO 4253/6253 or consent of instructor). Three hours lecture. Advanced human nutrition and metabolism with emphasis on the functions, requirements, and recommendations of the regulatory nutrients (vitamins and minerals) and water. (Same as HS 4293/6293).</p> <p>METHOD OF INSTRUCTION: C C.I.P. NUMBER: 19.0502 24-CHARACTER ABBREVIATION: Human Nutrition II</p> <p>Effective: Fall 2002</p>
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ARTS AND SCIENCES

<p>Modify AS 3013</p> <p>To: AS 3013</p>	<p>Air Force Leadership and Management - I. (3) Fall semester. Three hours lecture. Two hours practicum. An integrated management course emphasizing leadership/management concepts and skills. Examines motivational and behavioral processes, leadership communication, decision making, ethics, organizational power, and managerial strategy.</p> <p>Air Force Leadership Studies - I. (3) (Prerequisites: AS 1012, AS 1022, AS 2012, and AS 2022 or permission of instructor). Fall semester. Three hours lecture. Two hours practicum. An integrated management course emphasizing leadership/management concepts and skills. Examines motivational and behavioral processes, leadership communication, decision making, ethics, organizational power, and managerial strategy.</p> <p>Effective: Fall 2002</p>
<p>Modify AS 3023</p> <p>To: AS 3023</p>	<p>Air Force Leadership and Management - II. (3) Spring Semester. Three hours lecture. Two hours practicum. A continuation of AS 3013.</p> <p>Air Force Leadership Studies - II. (3) (Prerequisites: AS 1012, AS 1022, AS 2012, AS 2022, and AS 3013 or permission of instructor). Spring Semester. Three hours lecture. Two hours practicum. A continuation of AS 3013.</p> <p>Effective: Fall 2002</p>

<p>Modify AS 4013</p> <p>To: AS 4013</p>	<p>National Security Forces in Contemporary American Society - I. (3) Fall semester. Three hours lecture. Two hours practicum. Study of U.S. National Security Policy. Examines formulation, organization, and implementation of national security. Includes ethics, civil-military interaction, technology, and the Laws of War.</p> <p>National Security Affairs and Preparation for Active Duty - I. (3) (Prerequisites: AS 1012, AS 1022, AS 2012, AS 2022, AS 3013, and AS 3023 or permission of instructor). Fall semester. Three hours lecture. Two hours practicum. Study of U.S. National Security Policy. Examines formulation, organization, and implementation of national security. Includes ethics, civil-military interaction, technology and the Laws of War.</p> <p>Effective: Fall 2002</p>
<p>Modify AS 4023</p> <p>To: AS 4023</p>	<p>National Security Forces in Contemporary American Society - II. (3) Spring semester. Three hours lecture. Two hours practicum. A continuation of AS 4013.</p> <p>National Security Affairs and Preparation for Active Duty - II. (Prerequisites: AS 1012, AS 1022, AS 2012, AS 2022, AS 3013, AS 3023, and AS 4013 or permission of instructor). (3) Spring semester. Three hours lecture. Two hours practicum. A continuation of AS 4013.</p> <p>Effective: Fall 2002</p>
<p>Delete MA 1113</p>	<p>Structure of the Real Number System. (3) (For Elementary and Special Education majors only). Three hours lecture. The nature of mathematics; introductory logic; metric system; structure and development of the real number system.</p> <p>Effective: Fall 2002</p>
<p>Delete MA 1123</p>	<p>Informal Geometry and Measurement. (3)(Prerequisite: MA 1113). Three hours lecture. Measurements; graphs; informal geometry.</p> <p>Effective: Spring 2003</p>

Add MA1413	<p>Structure of the Real Number System. (3) (Prerequisite: a C or better in MA 1313 or an ACT Math sub-score of 24). Three hours lecture. The nature of mathematics; introductory logic; structure and development of the real number system. (For Elementary and Special Education majors only).</p> <p>METHOD OF INSTRUCTION: C C.I.P. NUMBER: 27.0101 24-CHARACTER ABBREVIATION: Structure Real Numbers</p> <p>Effective: Fall 2002</p>
Add MA 1423	<p>Problem Solving with Real Numbers. (3) (Prerequisite: a C or better in MA1413). Three hours lecture. Proportions, percent problems, probability, counting principles, statistics. (For Elementary or Special Education majors only).</p> <p>METHOD OF INSTRUCTION: C C.I.P. NUMBER: 27.0101 24-CHARACTER ABBREVIATION: Problem Solving Reals</p> <p>Effective: Spring 2003</p>
Add MA 1433	<p>Informal Geometry and Measurement. (3) (Prerequisites: a C or better in both MA1413 and MA 1423). Three hours lecture. Measurements and informal geometry. (For Elementary and Special Education majors only).</p> <p>METHOD OF INSTRUCTION: C C.I.P. NUMBER: 27.0101 24-CHARACTER ABBREVIATION: Informal Geom & Measure</p> <p>Effective: Summer 2003</p>

Add	MA 1453	<p>Precalculus with Graphing Calculators. (3) (Prerequisites: Math ACT 22 or C or better in MA 1313). Three hours lecture. Properties, applications, and graphs of linear, quadratic, polynomial, exponential, logarithmic, and trigonometric functions; trigonometric identities, equations and inverses; inequalities; conic sections; polar and parametric equations. (Degree credit will not be granted for MA 1453 and either MA 1313 or MA 1323. This course is intended to prepare students to take MA 1713 Calculus I).</p> <p>METHOD OF INSTRUCTION: C C.I.P. NUMBER: 27.0101 24-CHARACTER ABBREVIATION: Precalculus</p> <p>Effective: Fall 2002</p>
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ENGINEERING

Add	CS 1284	<p>Introduction to Computer Programming. (4) (Prerequisite: MA 1313 or equivalent). Three hours lecture. Three hours laboratory. Introductory problem solving and computer programming using object-oriented techniques. Theoretical and practical aspects of programming and problem solving. Designed for CS, CPE, and SE majors.</p> <p>METHOD OF INSTRUCTION: C C.I.P. NUMBER: 11.0701 24-CHARACTER ABBREVIATION: Intro Comp Prog</p> <p>Effective: Fall 2002</p>
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Add CS 1384	<p>Intermediate Computer Programming. (4) (Prerequisite: CS 1284 with a grade of C or better). Three hours lecture. Three hours laboratory. Object-oriented problem solving, design, and programming. Introduction to data structures, algorithm design and complexity. Second course in sequence designed for CS, CPE and SE majors.</p> <p>METHOD OF INSTRUCTION: C C.I.P. NUMBER: 11.0701 24-CHARACTER ABBREVIATION: Intermed Comp Prog</p> <p>Effective: Spring 2003</p>
Add CS 2383	<p>Data Structures and Analysis of Algorithms. (3) (Prerequisite: CS 1384 and MA 1713 both with a grade of C or better). Three hours lecture. Non-linear data structures and their associated algorithms. Trees, graphs, hash tables, relational data model, file organization. Advanced software design and development.</p> <p>METHOD OF INSTRUCTION: C C.I.P. NUMBER: 11.0701 24-CHARACTER ABBREVIATION: Data Struc & Anal of Alg</p> <p>Effective: Fall 2003</p>
Add ASE 9000	<p>Dissertation Research/Dissertation. Hours and credits to be arranged.</p> <p>METHOD OF INSTRUCTION: D C.I.P. NUMBER: 14.0201 24-CHARACTER ABBREVIATION: Research/Diss</p> <p>Effective: Fall 2002</p>

Add CHE 9000	Dissertation Research/Dissertation. Hours and credits to be arranged. METHOD OF INSTRUCTION: D C.I.P. NUMBER: 14.0701 24-CHARACTER ABBREVIATION: Research/Diss Effective: Spring 2002
Add IE 9000	Dissertation Research/Dissertation. Hours and credits to be arranged. METHOD OF INSTRUCTION: D C.I.P. NUMBER: 14.1701 24-CHARACTER ABBREVIATION: Research/Diss Effective: Fall 2002

PROGRAMS

Modify College of Education, Bachelor of Science, Secondary Education, Teaching of Biology and General Science (BGED) To: College of Education, Bachelor of Science, Secondary Education, Biology Education (BIOED)	Changes in course requirements Effective: Summer 2002
Modify College of Engineering, Bachelor of Science, Computer Science	Changes in course requirements Effective: Fall 2002

Modify	College of Engineering, Bachelor of Science, Software Engineering	Changes in course requirements Effective: Fall 2002
Add	College of Engineering, Minor, Software Engineering	Creation of a minor Effective: Fall 2002

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

Proposals**

Dr. George Rent
Associate Vice President for Academic Affairs

Date

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