MEMORANDUM

May 1, 2006

TO: Academic Deans Council

FROM: Dr. Timothy Chamblee,
            UCCC Chair

RE: Change Notice 6

Listed below are curriculum change proposals that 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 12, 2006, 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	ADS 4632/6632	**Animal Biotechnology and Application of Molecular Biology.** (2). (Prerequisites: Bio 1504, ADS 4613, and BCH 3613, or consent of instructor). Two hours lecture. An animal biotechnology course with an emphasis on reproduction using molecular biology tools. **METHOD OF INSTRUCTION**: C **MEHTOD OF DELIVERY: F** **C.I.P. NUMBER**: 26.0802 **24-CHARACTER ABBREVIATION**: Animal Biotechnology **Effective: Summer 2006**
ADD	AIS 8113	**Planning, Organizing, and Managing AEST Programs.** (3). (Prerequisite: AIS 4203/6203 or consent of instructor). One hour lecture. Six hours laboratory. Objectives, materials, and teaching methods for planning, organizing, and managing agricultural and environmental science and technology programs. (Only for agriscience teachers seeking AEST endorsement). **METHOD OF INSTRUCTION**: B **METHOD OF DELIVERY: F** **C.I.P. NUMBER**: 02.0101 **24-CHARACTER ABBREVIATION**: Planning AEST Programs **Effective: Summer 2006**

ARTS AND SCIENCES

MODIFY		
FROM:	PSY 3713	**Cognitive Psychology.** (3). Three hours lecture. Introduction to the basic areas of cognitive psychology, including perception, attention, memory, reasoning, and language.
TO:	PSY 3713	**Cognitive Psychology.** (3). (Prerequisite: PSY 1013 or consent of instructor). Three hours lecture. Introduction to the basic areas of cognitive psychology, including perception, attention, memory, reasoning, and language. **Effective: Fall 2006**

BUSINESS AND INDUSTRY

MODIFY		
FROM:	BIS 1773	**Visual Basic Applications.** (3). (Prerequisite: A grade of B or above in BIS 1012). Three hours lecture. Introduction to procedural, event and object-oriented programming to develop business and e-commerce applications.
TO:	BIS 1773	**Visual Basic Applications.** (3). (Prerequisite: A grade of B or above in BIS 1012, TKT 1273 or equivalent; or graduate standing). Three hours lecture. Introduction to object-oriented, event-driven, and procedural programming to develop business and e-commerce applications. **Effective: Fall 2006**

MODIFY		
FROM:	BIS 4533	**Management Support Systems.** (3). (Prerequisite: BIS 3233 and BIS 4753). Three hours lecture. Theory and application of decision support, expert systems, and data mining using fifth and sixth generation computing techniques. Hands-on experience in developing management support systems.
TO:	BIS 4533/6533	**Decision Support Systems.** (3). (Prerequisite: BIS 3233 and BIS 4753, or graduate standing). Three hours lecture. Theory/Application of decision support, business intelligence, integrated collaboration systems, and data mining using advanced computing techniques. Hands-on experience in developing decision support systems. **METHOD OF INSTRUCTION**: C **METHOD OF DELIEVERY:** F **C.I.P. NUMBER**: no change **24-CHARACTER ABBREVIATION**: Decision Support Sys **Effective: Fall 2006**
REVIEW	EC 8113	**Labor Theory and Analysis.** (3). (Prerequisites: Graduate Standing). Three hours lecture. Theoretical and empirical examination of labor market processes and policy; Wage determination, resource allocation, labor mobility, human capital investment, discrimination and income distribution. **Effective: Fall 2006**
REVIEW	EC 8323	**Economic Analysis of Developing Nations.** (3). (Prerequisite: 9 hours of economics, including EC 6303 or consent of instructor). Three hours lecture. In-depth analysis of economic issues of developing nations and emerging markets; emphasis on public policies to promote economic growth and transition. **Effective: Fall 2006**

REVIEW	EC 8423	**Public Finance.** (3). (Prerequisites: EC 2113, EC 2123 and graduate standing). Three hours lecture. Economics of public sector in capitalist system. Emphasizes government budget influences on distribution, resource allocation, stability, growth; stresses taxation, expenditures, budgeting, public choice and debt management. **Effective: Fall 2006**
MODIFY FROM:	FIN 2003	**Personal Money Management.** (3). Three hours lecture. The individual's acquisition and management of an optimal personal income and expenditure pattern over a lifetime to best meet his/her financial objectives.
TO:	FIN 2003	**Personal Money Management.** (3). Three hours lecture. The individual's acquisition and management of an optimal personal income and expenditure pattern over a lifetime to best meet his/her financial objectives. (Same as INS 2003. Not open to finance majors or as a part of GBA Finance Concentration). **Effective: Fall 2006**
MODIFY FROM:	INS 3403	**Financial Planning.** (3). (Prerequisites: FIN 3123, and INS 3103, INS 3303, or consent of instructor). Three hours lecture. A study dealing with the problems of the individual in creating, conserving, and disposing of an estate through the use of property, securities, and insurance.
TO:	INS 3403	**Financial Planning.** (3). (Prerequisites: FIN 3123). Three hours lecture. A study dealing with the problems of the individual in creating, conserving, and disposing of an estate through the use of property, securities, and insurance. **Effective: Fall 2006**

MODIFY		
FROM:	INS 4503/6503	**Enterprise Risk Management.** (3). (Prerequisites: FIN 3123, MGT 3114, MKT 3013, or consent of instructor). Three hours lecture. A study of the principles, concepts, and techniques to manage pure risk exposure which organizations face while pursuing their objectives.
TO:	INS 4503/6503	**Enterprise Risk Management.** (3). (Prerequisite: INS 3103). Three hours lecture. A study of the principles, concepts, and techniques to manage pure risk exposures which organizations face while pursuing their objectives. **Effective: Fall 2006**
MODIFY		
FROM:	INS 3413	**Introduction to Personal Financial Planning.** (3). (Cross listed with FIN 2003). Three hours lecture. The individual's acquisition and management of an optimal personal income and expenditure pattern over a lifetime to best meet his/her financial objectives.
TO:	INS 2003	**Personal Money Management.** (3). Three hours lecture. The individual's acquisition and management of an optimal personal income and expenditure pattern over a lifetime to best meet his/her financial objectives. (Same as FIN 2003. Not open to finance majors or as part of GBA Finance Concentration.) **24-CHARACTER ABBREVIATION**: Personal Money Management **Effective: Fall 2006**

EDUCATION

MODIFY		
FROM:	TKT 8273	**Seminar in Technology Education.** (3). Three hours lecture. Individual and group study of current trends and related problems.
TO:	TKT 8273	**Contemporary Issues in Curriculum Planning in Instructional Systems and Workforce Development.** (3). Three hours lecture. Assessment of the contemporary issues that impact curriculum planning in instructional systems and workforce development. **METHOD OF INSTRUCTION**: C **METHOD OF DELIEVERY:** F, O **C.I.P. NUMBER**: no change **24-CHARACTER ABBREVIATION**: Contemp Issue in ISWD **Effective: Summer 2006**

ENGINEERING

DELETE	ABE 8931	**Agriculture and Biological Engineering Seminar.** (1). Discussion of research needs, review of literature and development of research work plans. **Effective: Summer 2006**

UCCC May 1, 2006
Change Notice 6

MODIFY		
FROM:	ASE 4433/6433	**Fundamentals of Numerical Grid Generation.** (3). (Prerequisite: Consent of instructor). Three hours lecture. Discreet representation of partial differential equations and applications of grid generation in their computer-oriented solutions; coordinate transformation, computer geometry design techniques.
TO:	ASE 4433/6433	**Fundamentals of Numerical Grid Generation.** (3). (Prerequisite: Consent of instructor). Three hours lecture. Grid generation strategies; effects of grid quality on discetization errors; structured and unstructured grid generation algorithms; solution adaptive grid generation; surface grid generation. **Effective: Fall 2006**
ADD	CSE 4613/6613	**Bio-computing.** (3). Three hours lecture. Essential programming skills for computational biology. Problem-solving and use of specialized bio-computing libraries. (Credit will not be given to students matriculating in Computer Science, Computer Engineering, or Software Engineering degree programs). **METHOD OF INSTRUCTION**: C **METHOD OF DELIVERY: F** **C.I.P. NUMBER**: 11.0202 **24-CHARACTER ABBREVIATION**: Bio-computing **Effective: Fall 2006**

ADD	CSE 4623/6623	**Computational Biology.** (3). (Prerequisite: BCH 4113/6113 or equivalent and CSE 1384 or CSE 4613/6613). Three hour lecture. Computational analysis of gene sequences and protein structures on a large scale. Algorithms for sequence alignment, structural and functional genomics, comparative genomics, and current topics. **METHOD OF INSTRUCTION**: C **MEHTOD OF DELIVERY: F** **C.I.P. NUMBER**: 26.1103 **24-CHARACTER ABBREVIATION**: Computational Biology **Effective: Fall 2006**

DEGREE PROPOSALS

MODIFY	College of Architecture, Art and Design Degree Name: Bachelor Major: Architecture	Change in curriculum. **Effective: Fall 2006**
MODIFY	College of Business and Industry Degree Name: Master of Science Major: Information Systems	Change in curriculum. **Effective: Fall 2006**
ADD	College of Engineering and Ag & Life Sciences, Computational Biology Certificate	Addition of Certificate. **Effective: Fall 2006**
MODIFY	College of Engineering Degree Name: Master of Science Major: Computer Science	Change in description. **Effective: Summer 2006**
MODIFY	College of Engineering Degree Name: Doctor of Philosophy Major: Computer Science	Change in description. **Effective Summer 2006**

MODIFY College of Engineering	Change in program
Degree Name: Doctor of Philosophy	admittance requirements.
Major: Electrical and Computer	
Engineering	**Effective: Summer 2006**

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

Proposals**

_____

_____

_____

_____

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

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