

# University Course and Programs Committee

## Program Change Tables

December 16, 2011

### Undergraduate Program Changes

#### TABLE ONE

##### School of Architecture

###### Interior Design Program

IDES-M – Minor in Interior Design - Attachment 1A

Proposal requests to delete the minor.

#### TABLE TWO

##### Walton College of Business

###### Walton College Non-Majors Pursuing Multiple Business Minors – Attachment 2A

Non-business majors are required to complete 15-21 hours for each business minor. This new language explicitly states that Non-business majors may not earn multiple business minors for General Business and another area of study and specifies that in cases when minors require common courses, students may not utilize more than three hours of courses toward each minor earned.

###### Walton College Honors Program – Attachment 2B

Proposal requests to change the requirements for Honors Program including increasing GPA requirements and the addition of MATH 2554, Calculus, as a requirement for all Honors students.

###### Department of Economics

WINB-M – Minor in International Business for Walton College Majors – Attachment 2C

Walton College students currently are able to obtain an International Business Degree and take courses in international business and study abroad. This proposal is to create an International Business Minor which will mirror the International Business Degree and allow students majoring in Walton College to earn a minor in International Business.

###### Department of Management

GBUSBS – BSBA, General Business – Attachment 2D

Proposal requests to add the New Supply Chain Department courses to General Business Major. The following courses are to be added:

Group 7 – Supply Chain Management: SPCM 3443, Principles of Transportation, SPCM 3613, Business Logistics, SPCM 3623, Purchasing and Inventory Systems, SPCM 3643, International Transportation and Logistics, SPCM 4633, Transportation Carrier Management, SPCM 4653, Transportation and Logistics Strategy

## TABLE THREE

### College of Engineering

#### Department of Engineering

##### College Wide Humanities and Social Sciences Requirements – Attachment 3A

The College of Engineering is proposing to eliminate the requirement for students to complete a minimum of 6 semester hours in the humanities and social sciences at the 3000-level or above as part of the University Core (State Minimum Core). Students will still be required to complete the University Core (State Minimum Core).

#### Department of Biological and Agricultural Engineering

##### BENGBS – BSBE, Biological Engineering – Attachments 3B and 3B-1

There are eight changes to the BENGBS:

- 1) Eliminate options (concentrations): biomedical, ecological, biotechnology.
- 2) Add eight new required BENG Courses
- 3) Add three other required courses: CVEG 3223, Hydrology, ELEG 3903, Electric Circuits Machines and BIOL 3863/61L, General Ecology w/ Lab
- 4) Eliminate eight currently required Courses: BENG 2612, Design Studio II, BENG 2622, Design Studio III, BENG 3104, Instrumentation, BENG 3712, Properties of Biological Materials, BENG 3803, Mechanical Design in Biological Engineering, BENG 4733, Kinetics and Transport Phenomena, GNEG 1122, Intro to CAD, MEEG 3013, Mechanics of Materials
- 5) Make Adjustment to Electives: BENG Design Electives: 6 hours eliminated, Engineering Electives: 6 hours reduced to 3 hours, Technical Electives: 6 hours reduced to 3 hours
- 6) No longer require 6 hours of upper level Humanities/Fine Arts and Social Sciences, but will require 18 hour University core in the areas of Fine Arts/Humanities, U.S. History and Social Sciences, as per recent College of Engineering decision.
- 7) Allow either [CHEM 1103 OR CHEM 1113 (Chemistry for Engineers I)] and [CHEM 1123/1121L OR CHEM 1133/1131L (Chemistry for Engineers II)] for degree credit.
- 8) Eliminate the allowable substitution of BIOL 2533/2531L (Cell Biology w/Lab) for BIOL 2013/2011L (Microbiology). All students must now take Microbiology.

#### Department of Civil Engineering

##### CVEGBS – BSCE, Civil Engineering – Attachment 3C

Three changes are proposed:

- (1) Remove CVEG 4433, Transportation Pavements and Materials / Add BSCE requirement of CVEG 4423, Geometric Design;

(2) Remove BSCE requirement of CHEM 1103, University Chemistry I / Add BSCE requirement of CHEM 1113, University Chemistry for Engineers I; Remove BSCE requirement ("Elective Courses") for CHEM 1123/1121L, University Chemistry II / Add BSCE requirement ("Elective Courses") for CHEM 1133/1131L, University Chemistry for Engineers II,

3) Replace the current program requirements for Humanities and Social Sciences with requirements which comply with the University Core (State Minimum Core). Specifically, the current requirement to complete a minimum of 6 semester hours in the humanities and social sciences at the 3000-level or above is eliminated. Students will be required to complete the University Core (State Minimum Core).

#### Department of Computer Science and Computer Engineering

##### CENGBS – BSCMPE, Computer Engineering – Attachment 3D

The CENGBS degree is being updated 1) to reflect the changes to the State Minimum core by removing the 3000-level social science elective, 2) reducing the number of hours in the major by removing 3 hours of technical electives and 3) adding COMM 1313 Public Speaking to the requirements. The total number of hours for the degree will not change.

##### CSCEBS – BS, Computer Science – Attachment 3E

Proposal requests the following changes: 1) Add one 3-hour CS elective, 2) add COMM 1313 Public Speaking, 3) drop one 3 hour humanities/social science elective, 4) drop the 3000+ level humanistic/social science elective, 5) drop CHEM 1103/1101L, and 6) add CHEM 1133/1131L.

#### Department of Electrical Engineering

##### ELEGBS – BSEE, Electrical Engineering – Attachment 3F

Proposal requests to remove the 3000-level H/SS requirement; change required Chemistry course; update course number for Differential Equations; and remove Chemistry 1 lab, which reduces the program hours by one (126 to 125).

#### Department of Industrial Engineering

##### INEGBS – BSIE, Industrial Engineering – Attachment 3G

Proposal is requesting to eliminate the requirement to complete a minimum of 6 semester hours in the humanities and social sciences at the 3000-level or above as part of the University Core (State Minimum Core). Students will still be required to complete the University Core (State Minimum Core). CHEM 1103 University Chemistry 1 is being replaced by CHEM 1113 Chemistry for Engineers 1 in the first semester of the freshman year due to the creation of new course dedicated to engineers.

#### Department of Mechanical Engineering

##### MEEGBS – BSME, Mechanical Engineering – Attachment 3H

Proposal is requesting three changes to the MEEGBS:

1) No longer require 6 hours of upper level Humanities/Fine Arts and Social Sciences, but will require 18 hour University core in the areas of Fine Arts/Humanities, U.S. History and Social Sciences, as per recent College of Engineering decision.

2) Require PHIL 3103 (Ethics and the Professions) as the 3 semester hour Humanities requirement in the 18 hour University core for MEEGBS.

3) Replace CHEM 1103 (University Chemistry I) with CHEM 1113 (Chemistry for Engineers I) for degree credit. This is in response to new courses developed for engineering majors.

## **TABLE FOUR**

### **College of Education and Health Professions**

#### Eleanor Mann School of Nursing

##### NURSBS – BSN, Nursing – Attachment 4A

The proposed changes to the current R.N. to B.S.N. requirements include a change to all online delivery of required nursing courses for the currently licensed R.N. student through UA Global Campus; a minor modification to hold 27 credits in escrow as directed by the Arkansas Nursing Articulation Model; a minor change in the number of electives from 12 to 14; and, a modification of the required nursing courses for the R.N. to B.S.N. student to include five new courses (NURS 4003, 4013, 4203, 4323, and 4701), two courses currently offered face-to-face but changed to an online format (NURS 4112 and 4603), and three courses currently offered online (NURS 5053, 5063, and 5143) as part of the MSN Program. Total credits for the degree will remain 124.

## **TABLE FIVE**

### **Graduate School Program Changes**

#### Department of Curriculum and Instruction

##### EDPSMC – PMC, Graduate Certificate in Educational Psychology – Attachments 5A, 5A-1 and 5A-2

The proposed new graduate certificate in Education Psychology recognizes students who take a concentrated core of courses focused on educational psychology. Students who earn this certificate develop a foundational understanding of educational psychology theories, application of theory to educational practices and evaluation, and methods for identifying issues that arise in the learning process for learners of all ages. All courses that satisfy the graduate certificate are currently regularly taught within the Educational Statistics and Research Methodology (ESRM) program area (which includes Educational Foundations - EDFD courses).

Department of Information Systems

ISESGC – GC, Graduate Certificate in Enterprise Systems – Attachments 5B, 5B-1 and 5B-2

The Graduate Certificate in Enterprise Systems (ES) is a part-time program designed to provide graduate students knowledge of and experience with information systems used in modern enterprise environments. Students may choose one of three areas of study for the Graduate Certificate in Enterprise Systems – Enterprise Information Systems, Enterprise Analytics, or Enterprise Resource Planning. The Certificate program is intended to be completed part-time (ordinarily no more than six hours per semester), and is open to individuals with backgrounds in any discipline.

**TABLE SIX**

**Tabled Items from November 18, 2011 Meeting**

Department of Poultry Sciences

POSCBS – BSA, Poultry Science – Attachments 6A and 6A-1

The Poultry Science faculty has recommended the addition of several POSC courses which resulted in a reallocation of course groupings. The addition of specific course content would better prepare our students for more advanced poultry courses. This impacted our core requirements. In addition, we felt it was important to make adjustments in our poultry curriculum. No changes made will impact other degree programs. These changes will not lead to elimination of any other program. It is simply a restructuring of the degree requirements. We have changed our degree check sheet (Attachment 6A-1) to reflect the recommended course additions.