

Graduate Curriculum Committee  
Thursday, April 12, 2007, 3:30 p.m.  
4<sup>th</sup> Floor Conference Room, Andy Holt Tower

Present: David Golden (Chair), Catherine Cox, David Dupper, James Foggin, Thomas George, Sally McMillan, Brenda Rayman, Kay Reed.

The Graduate Curriculum Committee meeting was called to order by David Golden, Chair, at 3:30 p.m. The committee approved curriculum changes from the following colleges and recommended these changes be approved by Graduate Council:

- College of Agricultural Sciences and Natural Resources
- College of Business Administration
- College of Education, Health, and Human Sciences
- College of Engineering
- Intercollegiate – Aviation Systems

The meeting adjourned at 4:00 p.m.

Correction to the Graduate Council Minutes of February 1, 2007, page G-963.

College of Architecture and Design  
(596) Landscape Architecture

PREREQUISITE CORRECTION

544 Landscape Architecture Design II (6) should have a (DE) Prerequisite of 543 instead of 541.

545 Landscape Architecture Design III (6) should have a (DE) Prerequisite of 544 instead of 542.

570 Capstone Studio (6) should have a (DE) Prerequisite of 545 instead of 543.

580 Thesis Preparation/Programming (3) should have a (DE) Prerequisite of 544 instead of 543.

# COLLEGE OF AGRICULTURAL SCIENCES AND NATURAL RESOURCES

All Changes effective Spring 2008

## **I. COURSE CHANGES**

### DEPARTMENT OF BIOSYSTEMS ENGINEERING AND SOIL SCIENCE

#### **(345) Environmental and Soil Sciences**

REVISE (RE) PREREQUISITE

**614 Advanced Topics in Soil Biology and Biochemistry (2)**  
*(RE) Prerequisite(s): 516*

### DEPARTMENT OF PLANT SCIENCES

#### **(791) Plant Sciences**

CLARIFY REPEATABILITY

**592 Internship (1-2)**  
*Repeatability: May be repeated. Maximum of 6 hours.*

### DEPARTMENT OF FORESTRY, WILDLIFE AND FISHERIES

#### **(993) Wildlife and Fisheries Science**

REVISE (DE) PREREQUISITE(S)

**533 Amphibian Ecology and Conservation (3)**  
*(DE) Prerequisite(s): Forestry 215 or Biology 250.*

# COLLEGE OF BUSINESS ADMINISTRATION

All changes effective Spring 2008

## **I. COURSE CHANGES**

### DEPARTMENT OF STATISTICS, OPERATIONS AND MANAGEMENT SCIENCE

#### **(627) Management Science**

CLARIFY REPEATABILITY

**593 Management Science Problems (1-6)**  
*Repeatability: May be repeated. Maximum 9 hours.*

# COLLEGE OF EDUCATION, HEALTH, AND HUMAN SCIENCES

All changes effective Fall 2008

## **I. COURSE CHANGES**

### **DEPARTMENT OF EDUCATIONAL PSYCHOLOGY AND COUNSELING**

#### **(255) Counselor Education**

REVISE REPEATABILITY

##### **518 Educational Specialist Research and Thesis (3)**

*Repeatability: May be repeated. Maximum 9 hours.*

#### **(310) Educational Psychology**

ADD

**531 Discourse Analysis of Educational Environments (3)** Provides an introduction to the broad area of discourse analysis as an approach for understanding naturally occurring language use, particularly in the context of teaching and learning. Covers both the underlying philosophy and specific methods for collecting and analyzing written and spoken discourse.

**532 Online Collaborative Learning: Computer-Mediated Communication (3)** Investigates how computer-mediated communication tools can most effectively be integrated into teaching and learning, including distance and blended environments. Covers both theory and practice of integrating tools into these environments as well as researching their effectiveness.

**535 Types of Teaching and Learning (3)** Theory and practice related to three types of teaching and learning in classroom environments.

CLARIFY REPEATABILITY

##### **518 Educational Specialist Research and Thesis (3)**

*Repeatability: May be repeated. Maximum 9 hours.*

### **DEPARTMENT OF EXERCISE, SPORT, AND LEISURE STUDIES**

#### **(957) Sport Management**

REVISE TITLE

##### **512 Sport Law (3)**

REVISE TITLE, DESCRIPTION, AND ADD REGISTRATION RESTRICTION

**540 Sport Marketing (3)** Provides an understanding of diverse aspects of sport marketing research which is a sport business function in order to improve marketing and financial decisions in the sport industry. Students are exposed to the value and types of sport marketing research.

*Registration Restriction(s): Master of Science – sport management major.*

### **DEPARTMENT OF NUTRITION**

#### **(726) Nutrition**

DROP

##### **544 Survey Methods in Food and Nutrition (2)**

## **II. PROGRAM CHANGES**

### **DEPARTMENT OF INSTRUCTIONAL TECHNOLOGY, HEALTH, AND CULTURAL STUDIES**

REVISE REQUIREMENTS (HEALTH AND HUMAN SCIENCES MAJOR - PHD), COMMUNITY HEALTH CONCENTRATION TO DROP THE GERONTOLOGY SPECIALIZATION

On Page 123 of the 2007-2008 *Graduate Catalog*, Revise showcase in the Requirements section for the Ph.D. Health and Human Sciences Major, Community Health Concentration to read as follows:

Requirements

	<b>Hours Credit</b>
<sup>1</sup> Research and Foundations . . . . .	15
<sup>2</sup> Community Health Specialization . . . . .	27
<sup>3</sup> Supporting Specialization (Public Health or Safety) . . . . .	12
<sup>4</sup> Cognate . . . . .	6
Dissertation (Health 600) . . . . .	24
	<b>Total 84</b>

<sup>1</sup> Instructional Technology and Educational Studies 601; Health 590; Statistics 531, 532 or a two-course 500-level statistics sequence approved by doctoral chair. Three hours of natural or behavioral sciences approved by doctoral chair.

<sup>2</sup> Health 610, 620, 530, 540, 655, 660, and Public Health 550 (required) and 6 additional hours of graduate health electives. A list of recommended health electives for the community health doctoral program is available in the program office.

<sup>3</sup> A block of 12 hours must be taken from one of the following areas: public health or safety/emergency management.

<sup>4</sup> Courses must be approved by cognate professor outside the department.

### **DEPARTMENT OF NUTRITION**

REVISE NON-THESIS OPTION (NUTRITION MAJOR - MS) TO REMOVE DROPPED COURSE

On page 127 of the 2007-2008 *Graduate Catalog*, right column, Requirements heading, non-thesis option, revise the 1<sup>st</sup> bullet to read as follows:

- Nutrition 511, 512, 540, 541 and 3 hours of graduate level statistics are required of nutrition science students. (Delete 544)

REVISE NUTRITION SCIENCE CONCENTRATION (HEALTH AND HUMAN SCIENCES MAJOR - PHD) TO REMOVE DROPPED COURSE

On page 128 of the 2007-2008 *Graduate Catalog*, left column, revise the second bullet to read as follows:

- Nutrition 511, 512, and 541. (Delete 544).

# COLLEGE OF ENGINEERING

All changes effective Spring 2008

## **I. COURSE CHANGES**

### **DEPARTMENT OF CHEMICAL ENGINEERING**

#### **(226) Chemical Engineering**

REPEATABILITY CLARIFICATION

##### **501 Graduate Seminar (1)**

*Repeatability: May be repeated. Maximum 20 hours.*

### **DEPARTMENT OF ELECTRICAL AND COMPUTER ENGINEERING**

#### **(319) Electrical and Computer Engineering**

REPEATABILITY CLARIFICATION

##### **691 Advanced Graduate Seminar (1)**

*Repeatability: May be repeated. Maximum 6 hours.*

### **DEPARTMENT OF INDUSTRIAL AND INFORMATION ENGINEERING**

#### **(556) Industrial Engineering**

REPEATABILITY CLARIFICATION

##### **591 Special Topics in Industrial Engineering (1-3)**

*Repeatability: May be repeated if topic differs. Maximum 6 hours.*

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*Repeatability: May be repeated if topic differs. Maximum 6 hours.*

##### **593 Special Topics in Industrial Engineering (1-3)**

*Repeatability: May be repeated if topic differs. Maximum 6 hours.*

##### **691 Advanced Topics in Industrial Engineering (3)**

*Repeatability: May be repeated if topic differs. Maximum 6 hours.*

##### **692 Advanced Topics in Industrial Engineering (3)**

*Repeatability: May be repeated if topic differs. Maximum 6 hours.*

##### **693 Advanced Topics in Industrial Engineering (3)**

*Repeatability: May be repeated if topic differs. Maximum 6 hours.*

### **DEPARTMENT OF MATERIALS SCIENCE AND ENGINEERING**

#### **(638) Materials Science and Engineering**

REPEATABILITY CLARIFICATION

##### **576 Special Topics in Materials Science and Engineering (3)**

*Repeatability: May be repeated. Maximum 6 hours.*

##### **676 Advanced Topics in Materials Science and Engineering (3)**

*Repeatability: May be repeated. Maximum 9 hours.*

##### **678 Seminar in Recent Advances in Materials Science and Engineering (3)**

*Repeatability: May be repeated. Maximum 6 hours.*

REPEATABILITY CLARIFICATION AND ADD CREDIT RESTRICTION

**503 Graduate Seminar in Materials Science and Engineering (1)**

*Repeatability: May be repeated. Maximum 6 hours.*

*Credit Restriction: For MS students, a maximum of 3 hours may be applied to the major.*

*For PhD students with MS, a maximum of 3 hours may be applied to the major.*

*For PhD students directly from BS, a maximum of 6 hours may be applied to the major.*

**504 Graduate Seminar in Polymer Engineering (1)**

*Repeatability: May be repeated. Maximum 6 hours.*

*Credit Restriction: For MS students, a maximum of 3 hours may be applied to the major.*

*For PhD students with MS, a maximum of 3 hours may be applied to the major.*

*For PhD students directly from BS, a maximum of 6 hours may be applied to the major.*

**DEPARTMENT OF NUCLEAR ENGINEERING**

**(716) Nuclear Engineering**

REPEATABILITY CLARIFICATION

**598 Nuclear Engineering Practice (3-9)**

*Repeatability: May be repeated. Maximum 15 hours.*

REVISE TO REMOVE REPEATABILITY

**597 Special Topics in Nuclear Engineering (3)**

**621 Selected Topics in Radiation Protection (3)**

**697 Special Topics in Nuclear Engineering (3)**

**INTERCOLLEGIATE**

**AVIATION SYSTEMS**

**All changes effective Spring 2008**

**I. COURSE CHANGES**

**(169) Aviation Systems**

REPEATABILITY CLARIFICATION AND ADD CREDIT RESTRICTION

**510 Special Topics in Aviation Systems (3)**

*Repeatability: May be repeated. Maximum 15 hours.*

*Credit Restriction: Maximum of 12 hours may be applied toward degree requirements.*

Formerly: Repeatability: May be repeated with consent.

REPEATABILITY CLARIFICATION

**550 Project in Aviation Systems (3)**

*Repeatability: May be repeated. Maximum 15 hours.*

Formerly: Repeatability: May be repeated

SUPPORTING INFORMATION: Rationale: To clarify repeatability.