



GRADUATE CURRICULUM REVISIONS
Effective, Fall 2013

DICK AND MARY LEWIS KLEBERG COLLEGE OF AGRICULTURE, NATURAL
RESOURCES AND HUMAN SCIENCES

Department of Agriculture, Agribusiness and Environmental Sciences

Proposal No. AGSC-12-G-1

Create new course.

AGSC 5399. Thesis Research.

V:1-9

This course is for Plan I Master's students. This course is to be taken by students who receive a stipend while working on their research project in Plant and Soil Science. Course is designed to be student-specific to meet each student's individual needs and to enhance their graduate education by providing one-on-one time with professors.

Proposal No. PLSS-12-G-1

Create new course.

PLSS 5399. Thesis Research.

V:1-9

This course is for Plan I Master's students. This course is to be taken by students who receive a stipend while working on their research project in Plant and Soil Science. Course is designed to be student-specific to meet each student's individual needs and to enhance their graduate education by providing one-on-one time with professors.

Department of Animal, Rangeland, and Wildlife Sciences

Proposal no. RWSC-12-G-01

RWSC 5399. Research Topics.

V: 1-9

This course is for Plan I Master's students. This course is to be taken by students who receive a stipend while working on their research. Course is designed to be student-specific to meet each student's individual needs and to enhance their graduate education.

COLLEGE OF ARTS AND SCIENCES

Department of Biological and Health Sciences

Proposal No. BIOL-12-G-1

Allow BIOL 5104 up to 4 times in degree plan.

BIOL 5104. Graduate Seminar.

1(1-0)

An advanced study of biological literature and research with critical class reports. Must be taken four times for credit.

Proposal No. CSDO-12-G-1

Create course and add it to the requirements for the Master of Science degree in Communication Sciences and Disorders as an alternative to the pair of courses CSDO 5314 and CSDO 5315.

CSDO 5405. Aural Rehabilitation and Advanced Audiology **4(4-0)**

Effects of hearing impairment. Advanced audiological concepts and their applicability to instrumentation and educational procedures used in the rehabilitation of the hearing impaired. Discussions of central auditory processing disorders, testing special populations, use and selection of hearing aids and assistive listening devices, hearing aids, speech-reading, and auditory training.

COLLEGE OF BUSINESS ADMINISTRATION

Proposal no. MGMT-12-G-01

MGMT 5250. Leadership Development. New course. **2(2-0)**

A program that utilizes an interactive software called practiceware to learn and sharpen your leadership skills in communication, dealing with tension and other stressors of business, effectively using your power and ideas in your organization and how to deal with conflict and culture change. The student will assess their own interpersonal skills as well as how to use these interpersonal skills to deal with others.

Proposal no. MGMT-12-G-02

MGMT 5252. Leadership for Health Professionals. New course. **2(2-0)**

This course examines the dynamic natures of organizations in the health services field and the implications for leaders and managers within the context of organizations as open systems from an individual, group and system perspective. The course examines principles of strategic leadership/management applied to health care organizations amid a changing environment and focuses on improving organizational efficiency, effectiveness and efficacy through leadership principles. Short Banner title: [Leadership for Health Prof]

Proposal no. MGMT-12-G-03

MGMT 5254. Health Information Management. New course. **2(2-0)**

This course addresses both the principles and practices of health information management by providing new ways for providers and their patients to readily access and use health information and information technology (IT) which has the potential to improve the quality, safety, and efficiency of health care. Short Banner title: [Health Information Mgmt]

Proposal no. MGMT-12-G-04

MGMT 5256. Health Care Law and Ethics. New course. **2(2-0)**

The student will learn the importance of health law and ethics, the basic principles, and how they apply to practical Health Care management.

Proposal no. MGMT-12-G-05

MGMT 5258. Health Care Supply Chain Management. **New course.** **2(2-0)**

This course provides understanding, knowledge and evaluation models to manage an organization's enterprise resource planning and management system, specifically with regard to the supply chain system and the management of that system as evaluated from a strategic, financial and operations management perspective. Short Banner title: [Health Care Supply Chain Mgmt]

Proposal no. MGMT-12-G-06

MGMT 5260. Health Care Organizational Design & Behavior. **New course.** **2(2-0)**

This course provides an overall perspective on the health care sector, discusses the distinctive challenges facing health care organizations, and examines the roles of leaders and manager in influencing organizational culture, performance and change. Short Banner title: [HealthCare Org Design/Behavior]

Proposal no. MGMT-12-G-07

MGMT 5262. Health Care Financial Management. **New course.** **2(2-0)**

This course presents the fundamental principles of finance through dynamic case studies, and modern financial theory. A thorough introduction of the financial management for health care organizations including cost controls, basic accounting principles for health care, budgeting and variance analysis, selecting long-term and short term assets, and inventory management. Short Banner title: [Health Care Financial Mgmt]

Proposal no. MGMT-12-G-08

MGMT 5264. Contemporary Issues in Health Care. **New Course.** **V:1-2**

A course for Health Care Administration students to expose them to the most current economic, technical, political and social aspects of health care generally and reimbursement, community assessment, preparedness and alliances and mergers specifically based on contemporary issues within the healthcare industry.

COLLEGE OF EDUCATION AND HUMAN PERFORMANCE

Department of Educational Leadership and Counseling

Proposal No. EDLC-12-G-01

Create new course.

EDLD 6306 Proposal and Dissertation Research

V:3-9

Proposal and dissertation research

Department of Health and Kinesiology

COLLEGE OF ENGINEERING

Department of Electrical Engineering and Computer Science

EEEN 5329. Adaptive Control. New course. 3(3-0)
Signal and system norms, Lp functions, adaptive parameter identification and control, stability, Model Reference Adaptive Control (MRAC), multi objective evolutionary/genetic algorithms, adaptive backstepping, and robust adaptive control laws. Prerequisite: EEEN 4354 or consent of instructor.

Proposal No. EEEN-11-G-1

Create new course.

EEEN 5342. Wireless Communications. 3(3-0)
This course introduces fundamental concepts and technologies in the area of wireless communication systems such as wireless application, modulation techniques, wireless channel models, digital communication over wireless channels, multiple access techniques, and wireless standards.

Department of Industrial Management and Technology

Proposal No. IEEN-12-G-02

Create new course.

IEEN 5327. Advanced Engineering Project Management 3(3-0)
This course covers the advanced concepts and theories of project modeling and optimization, project scheduling, resource allocation, economic analysis and project decision analysis. Prerequisite: permission of the instructor.