



Faculty Senate

February 4, 2008

Faculty Senate Curricular Affairs Committee Four Hundred Fifty-Eighth Report

At the January 28, 2008 meeting of the Curricular Affairs Committee, the following matters were considered and are now presented to the Faculty Senate.

SECTION I

Informational Matters

A. College of Arts and Sciences

1. Department of Communication Studies

CHANGE: Prerequisite for COM 318 to "Pre: 202."

2. College Writing Program

CHANGE: Prerequisite for WRT 270 by deleting prerequisite.

B. College of the Environment and Life Sciences and the Feinstein Providence Campus

Department of Cell and Molecular Biology

CHANGE: Offering of the B.S. major in Biotechnology and Clinical Laboratory Science Option in Biotechnology Manufacturing by allowing traditional students to enroll at the Feinstein Providence Campus in accordance with 8.88.10 of the UNIVERSITY MANUAL

C. Online Course

WMS 360 Men and Masculinities (Salgado) may be taught online.

S E C T I O N II

Curricular Matters Which Require Confirmation by the Faculty Senate

A. College of Art and Sciences

Department of Sociology and Anthropology

ADD: APG 328 Gender and Culture (3)

Analytical study of gender in a cross-cultural context, discussion of the possible origins of gender and subsistence modes, and an examination of societies with flexible or unusual gender systems. (Lec. 3) Pre: one APG course or permission of instructor.

B. College of The Environment and Life Sciences

Department of Geosciences

ADD: GEO 113 Natural Disasters (3)

The science of natural disasters from a physical, chemical and geological perspective. Understanding of the development of and factors controlling the occurrence of natural disasters. (Lec 3)

C. College of Human Science and Services

Department of Communicative Disorders

a. **ADD:** The following new courses:

1) CMD 276 Introduction to Speech Science (3)

Physical properties of the speech signal, analysis of the physical bases of speech production, instrumentation used to assess speech output, theories of speech perception. (Lec. 3) Pre: 272 and 273.

2) CMD 278 Introduction to Hearing Science (3)

Overview of the measurement of sound, acoustic properties of the sound wave, and perception of sound by human beings. Psychophysical methods of sound perception, psychoacoustics, use of instrumentation to measure sounds. Anatomy and physiology of the normal auditory mechanism. (Lec. 3) Pre: 276.

- 3) **CMD 361 Introduction to Audiology (3)**
Pathologies of the hearing mechanism, methods of audiological assessment, interpretation of the audiogram, recommendations based on diagnostic audiology results. Methods of middle ear and retrocochlear assessment. Training in the administration of basic audiological evaluations. (Lec. 3) Pre: 278 and junior standing.

b. CHANGE: Number and level for the following courses:

- 1) CMD 275 to "CMD 175 (275) Gestural Communication."
- 2) CMD 372 to "CMD 272 (372) Auditory and Speech Mechanism."
- 3) CMD 373 to "CMD 273 (373) Phonetics."
- 4) CMD 374 to "CMD 274 (374) Communication Processes."

D. College of Pharmacy

Department of Biomedical and Pharmaceutical Science

ADD: BPS 334 Pharmacology and Medicinal Chemistry of Cardiovascular and Renal Drugs (2)
Mechanism of action, adverse effects, and therapeutic applications of drugs affecting cardiovascular and renal function. (Lec. 2) Pre: Doctor of Pharmacy professional student in good standing; or permission of instructor.

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S E C T I O N III

400-Level Curricular Matters

At the December 10, 2007 and January 28, 2008 meetings of the Curricular Affairs Committee and the December 17, 2007 and February 1, 2008 meetings of the Graduate Council the following matters were considered and are now presented to the Faculty Senate.

A. Informational Matters

1. College of Arts and Sciences

Department of Journalism and College Writing Program

*CROSS-LIST: JOR 415 as "JOR 415 (or WRT 415 Perspectives on Reporting"

2. College of Engineering

Department of Chemical Engineering

CHANGE: Description and prerequisite for CHE 491, 492 to read as follows:

CHE 491, 492 Special Problems (1-6 each)

Advanced work under the supervision of a faculty member arranged to suit the individual requirements of the student. (Independent Study) Pre: permission of instructor. May be repeated for a maximum of 12 credits, of which a total of 6 credits can be applied to professional electives. Not for graduate credit in chemical engineering.

B. Curricular Matters Which Require confirmation by the Faculty Senate

1. College of Engineering

Department of Industrial and Systems Engineering

CHANGE: Course code for the following courses:

- a) IME 404 to "ISE 404 Engineering Economy and Project Planning"
- b) IME 411 to "ISE 411 Probability and Statistics for Engineers"
- c) IME 412 to "ISE 412 Statistical Methods and Quality Control"
- d) IME 432 to "ISE 432 Operations Research: Deterministic Systems"
- e) IME 433 to "ISE 433 Operations Research: Stochastic Systems" and prerequisite to "Pre: 411 and MTH 362 or MTH 244 or permission of instructor"
- f) IME 443 to "ISE Machining and Machine Tools"
- g) IME 444 to "ISE 444 Assembly and Handling Automation"
- h) IME 446 (or MCE 446) to "ISE (or MCE 446) Metal Deformation Processes"
- i) IME 449 (or MCE 449) to "ISE 449 (or MCE 449) Product Design for Manufacture" and prerequisite to "Pre: 240 or 340 or permission of instructor."
- j) IME 451 to "ISE 451 Industrial Engineering Design I"
- k) IME 452 to "ISE 452 Industrial Engineering Design II"
- l) IME 460 to "ISE 460 Product Design for Environment"
- m) IME 491, 492 to "ISE 491, 492 Special Problems"

2. College of The Environment and Life Sciences

a. Department of Fisheries, Animal and Veterinary Science

ADD: AVS 440 Seminar on Marine Mammals (3)

Leading scientists discuss the natural history, anatomy, physiology, husbandry, behavior and conservation of marine mammals. Current research is emphasized. (Lec, 3). Pre: junior standing, and BIO 101 and 102 and permission of the instructor. Not for graduate credit. Special registration and fee required. Contact Mystic Aquarium, Mystic, CT.

b. Department of Landscape Architecture

ADD: LAR 450 Landscape Architecture Portfolio Development (1)

This senior level course will cover the strategy and skills necessary for constructing a professional portfolio and provide students with an opportunity to understand the full potential of the portfolio within the profession. (Lec. 1) Pre: 443 and 444. Not for graduate credit.