

## REPORT: COMMITTEE ON CURRICULA AND COURSES

(For consideration by the Faculty Senate at its meeting on February 1, 1984)

The Committee requests that any department which has a proposal being recommended by the Committee on Curricula and Courses provide a spokesman to attend the Faculty Senate meeting in which said proposal is to be recommended. Please contact the Committee Chairman in advance if errors are noted.

## I. COLLEGE OF APPLIED PROFESSIONAL SCIENCES

*- Approved*Deletions

- PRSC 171 INTRODUCTION TO CRIMINAL JUSTICE. (3)  
 PRSC 172 POLICE ADMINISTRATION AND OPERATIONS. (3)  
 PRSC 174 CORRECTIONS ADMINISTRATION. (3)  
 PRSC 271 CRIMINAL INVESTIGATION. (3)  
 PRSC 272 CRIMINAL LAW AND COURT PROCEDURE. (3)  
 PRSC 281 SEMINAR: CRIMINAL JUSTICE. (3)  
 PRSC 282 PRACTICUM: CRIMINAL JUSTICE. (3)

## II. COLLEGE OF ENGINEERING

*- Approved*Change in prerequisite and description

- FROM: ENGR 503 PLASTIC ANALYSIS AND DESIGN. (3) (Prereq: consent of instructor) Basic concepts of limit analysis: plastic hinge formation, development and analysis of collapse mechanisms. Inelastic behavior of metal structural frameworks; strength and stability under combined loadings; deflections; incremental collapse and shakedown under variable repeated loading. Application of plastic design to highrise braced and unbraced steel frames. Introduction to optimum design.
- TO: ENGR 503 PLASTIC ANALYSIS AND DESIGN. (3) (Prereq: ENGR 429) Fundamentals of limit analysis: plastic hinge formation, development of collapse mechanisms. Inelastic behavior of structural frameworks; strength and stability under combined loads; deflections; incremental collapse and shakedown. Plastic design of multi-story steel frames.

## III. COLLEGE OF HUMANITIES AND SOCIAL SCIENCES

*- Approved*

## A. Department of Anthropology

Change in title and description

- FROM: ANTH 205 CULTURAL ADAPTATION AND CHANGE. (3) An examination of evolutionary and adaptive cultural change, utilizing selected case examples from small scale and modernizing societies.
- TO: ANTH 205 CULTURE AND ENERGY. (3) The relationship between energy use, and politics, ecology, and social organization.

## B. Department of History

Change in title and description

- FROM: HIST 625, 626 UNITED STATES FOREIGN POLICY. (3 each) First semester: foundations of foreign policy, expansionism and isolationism. Second semester: influence of industrial expansionism, imperialism, the World Wars and after.
- TO: HIST 625, 626 AMERICAN DIPLOMATIC HISTORY. (3 each) A historical survey of American foreign policy and foreign relations. First semester: to World War I. Second semester: World War I to the present.

IV. COLLEGE OF SCIENCE AND MATHEMATICS

- *Approved*

A. Biology Department

New courses

BIOL 536 ICHTHYOLOGY. [=MSCI 536] (4) (Prereq: consent of instructor; BIOL 315 or MSCI 302) Phylogeny, morphology, behavior, and ecology of fishes. Three lecture and three hours plus three field trips to be arranged.

BIOL 543L COMPARATIVE PHYSIOLOGY LABORATORY. (1) (Coreq: BIOL 543) Laboratory exercises to illustrate principles from BIOL 543. Three hours per week.

*laboratory*

Change in title

FROM: BIOL 506 DEVELOPMENTAL BIOLOGY. (3)  
TO: BIOL 506 DEVELOPMENTAL BIOLOGY II. (3)

FROM: BIOL 506L DEVELOPMENTAL BIOLOGY LABORATORY. (1)  
TO: BIOL 506L DEVELOPMENTAL BIOLOGY LABORATORY II. (1)

FROM: BIOL 530 MICROSCOPIC ANATOMY. (4)  
TO: BIOL 530 HISTOLOGY. (4)

Change in hours

FROM: BIOL 543 COMPARATIVE PHYSIOLOGY. (4)  
TO: BIOL 543 COMPARATIVE PHYSIOLOGY. (3)

Change in title and description

FROM: BIOL 505L VERTEBRATE EMBRYOLOGY LABORATORY. (1) (Coreq: BIOL 505) Descriptive and experimental exercises related to vertebrate embryology. One three-hour laboratory per week.

TO: BIOL 505L DEVELOPMENTAL BIOLOGY LABORATORY I. (1) (Coreq: BIOL 505) Descriptive and experimental exercises related to embryology. One three-hour laboratory per week.

Change in title, prerequisites, and description

FROM: BIOL 505 VERTEBRATE EMBRYOLOGY. (3) (Prereq: BIOL 102; coreq: 505L) An introduction to the descriptive and experimental embryology of vertebrates. Living and preserved specimens of frog, chick, mouse, and pig embryos will be used to demonstrate the basic processes of embryogenesis. Three lecture hours per week.

TO: BIOL 505 DEVELOPMENTAL BIOLOGY I. (3) (Prereq: BIOL 102) An introduction to the descriptive and experimental embryology of animals. Living and preserved specimens will be used to demonstrate the basic processes of embryogenesis. Three lecture hours per week.

B. Marine Science Program

New course

MSCI 536 ICHTHYOLOGY. [=BIOL 536] (4) (Prereq: consent of instructor; BIOL 315 or MSCI 302) Phylogeny, morphology, behavior, and ecology of fishes. Three lecture and three laboratory hours plus three field trips to be arranged.