

## REPORT: COMMITTEE ON CURRICULA AND COURSES

(For consideration by the Faculty Senate at its meeting on March 4, 1992)

The Committee requests that any department which has a proposal being recommended by the Committee on Curricula and Courses provide a spokesperson to attend the Faculty Senate meeting in which said proposal is to be recommended. Please contact Jean Massey, Chair (7-2235) in advance if errors are noted.

## I. COLLEGE OF ENGINEERING

Mechanical Engineering

Change in credit and description

FROM: EMCH 371 ENGINEERING MATERIALS. (3) (Prereq: ENGR 260) A study of the microstructure of materials, including atomic structure, interatomic forces, and the structure of crystalline and non-crystalline materials. Phase diagrams, phase changes and macro-structure of materials. Properties of engineering materials.

TO: EMCH 371 ENGINEERING MATERIALS. <sup>(4)</sup>~~(3)~~ (Prereq: ENGR 260) Structures and properties of engineering metals, ceramics and polymers; atomic bonding, crystalline structures and microstructures; mechanical behavior and deformation mechanisms; processes for controlling structures and properties; corrosion. ~~Weekly Laboratory.~~

## II. COLLEGE OF SCIENCE AND MATHEMATICS

A. Department of Geology

Change in credit and description

FROM: GEOL 301 GEOLOGICAL TIME AND STRATIGRAPHY. (3) Geologic history of the Earth; methods of stratigraphic correlation, reconstruction of ancient continents, and paleoenvironments. Includes laboratory.

TO: GEOL 301 GEOLOGIC TIME AND STRATIGRAPHY. (4)  
Geologic history of the Earth, methods  
of stratigraphic correlation, recon-  
struction of ancient continents and  
paleoenvironments. Three lecture  
hours and one laboratory per week.

Change in credit

FROM: GEOL 399 INDEPENDENT STUDY. (3-6)  
TO: GEOL 399 INDEPENDENT STUDY. (1-6)

B. Department of Statistics

New course

STAT 202 ELEMENTARY STATISTICS LABORATORY. (1)  
(Prereq. or coreq: STAT 201 or SCCC 312A  
or STAT 515) Experiments which illustrate  
important concepts of Elementary Statistics.  
Two laboratory hours per week.

III. COLLEGE OF NURSING

Change in description

FROM: NURS 250 NURSING SCIENCE IN PROFESSIONAL PRACTICE.  
(3) Nursing as a Science; selected con-  
cepts of self-care and communication  
within the context of nursing science.  
Transition course for registered nurse  
students only; credit received for NURS  
110, NURS 210, and NURS 212 upon com-  
pletion. .

TO: NURS 250 NURSING SCIENCE IN PROFESSIONAL PRACTICE.  
(3) Nursing as a Science; selected con-  
cepts of self-care and communication  
within the context of nursing science.  
Transition course for registered nurse  
students only. Credit received for NURS  
~~100~~ and NURS 210 upon completion.

110

**IV. EXPERIMENTAL COURSE: For Senate's information only.**

**COLLEGE OF SCIENCE AND MATHEMATICS**

SCMA 101X SCIENCE, SOCIETY AND THE ENVIRONMENT. (3)  
Nature of science with emphasis on data generation, data quality analysis and decision-making; evolution of scientific concepts; and relevance of science to society and the environment. Examples from the physical, life, earth-space and mathematical sciences. Does not apply to University core science requirement,