THE FACULTY SENATE
December 3, 1999

MEMORANDUM

TO: President Ray M. Bowen
SUBJECT: Approval of Undergraduate Curriculum Items

At its regular meeting on November 8, 1999, the Faculty Senate approved the following curriculum items from the University Curriculum Committee and submits them for your approval. Attached is a copy of the material sent to our Senators regarding these items.

New Courses: ARCH 433; CHEN 475; COSC 320; GENE 491; GEOG 403. (FS.17.60)
Course changes: BICH 485; GENE 485; NUTR 304; NUTR 405; NUTR 444. (FS.17.61)

Thank you for your time and consideration. Please inform me of your action on these recommendations.

Thomas E. Wehrly
Speaker, 1999-2000

Attachment

cc: Dr. Ronald G. Douglas, Executive Vice President & Provost
Dr. Janis P. Stout, Dean of Faculties & Associate Provost
Dr. R. Bruce Simpson, Chair, University Curriculum Committee
Ms. Linda F. Lacey, Director of Academic Support Services

Approved:

Ray M. Bowen, President

1/7/2000
Report of the University Curriculum Committee
October 15, 1999

The University Curriculum Committee recommends approval of the following:

1. New Courses

ARCH 433. Architectural Lighting. (3-0). Credit 3. Theory and practice of lighting design as an art and science; aperture design for sunlight control; selecting and locating luminaries to enhance interior and exterior surfaces and spaces. Prerequisite: Junior or senior classification.

CHEN 475. Microelectronics Process Engineering. (3-0). Credit 3. State-of-the-art process engineering principles on microelectronics, especially for the fabrication of very large scale integrated circuits (VLSICs); fundamental unit processes, such as thin film deposition, thermal growth, lithography, etching and doping, material structures and properties, and basic device operation principles. Prerequisites: CHEM 322; CHEN 354 and 464 or approval of instructor.

COSC 320. Soils in Construction. (2-3). Credit 3. Introduction to soils as used in construction of engineered projects; soils classification, hydrostatic pressure relationships, Atterberg Limits, analysis water content, compaction, permeability, shear strength, braced cuts, foundations and walls. Prerequisites: Junior or senior classification; GEOL 320.

GENE 491. Research. Credit 1 to 4 each semester. Laboratory research supervised by a faculty member. Prerequisites: Junior or senior classification in genetics; approval of instructor and department head.

GEOG 403. Historical Geography. (3-0). Credit 3. Historical geography themes: demography, economic structure and social structure; patterns of migration and forms of settlement; use of historical geographic archives and materials; local field trips. Prerequisite: Junior or senior classification.

2. Changes in Courses

BICH 485. Directed Studies.

Course description

from: For advanced undergraduates to permit laboratory investigations or study of subject matter not included in established courses.

to: Directed study in biochemistry not included in established courses.

Prerequisites

from: BICH 410 or registration therein; approval of instructor and department head.

to: Junior or senior classification; approval of instructor and department head.
NUTR 405. Diet Therapy.

Course title
from: Diet Therapy.
to: Nutritional Treatment of Disease.

Prerequisites
from: NUTR 202, 404; BICH 410; ZOOL 220 or 388 or registration therein.
to: NUTR 203 and 404; BICH 410; ZOOL 319 or registration therein; senior classification or approval of instructor.


Prerequisites
from: NUTR 202 or 303.
to: NUTR 203; ZOOL 319 or registration therein; junior classification or approval of instructor.