1982

Curricular Report No. 1981-82-6 from the Graduate Council to the Faculty Senate

University of Rhode Island Faculty Senate

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UNIVERSITY OF RHODE ISLAND
Kingston, Rhode Island

FACULTY SENATE
BILL

Adopted by the Faculty Senate

TO: President Frank Newman

FROM: Chairperson of the Faculty Senate

1. The attached BILL, titled Curricular Report No. 1981-82-6 from the Graduate Council to the Faculty Senate is forwarded for your consideration.

2. The original and two copies for your use are included.

3. This BILL was adopted by vote of the Faculty Senate on March 11, 1982.

4. After considering this bill, will you please indicate your approval or disapproval. Return the original or forward it to the Board of Regents, completing the appropriate endorsement below.

5. In accordance with Section 10, paragraph 4 of the Senate's By-Laws, this bill will become effective on April 1, 1982, three weeks after Senate approval, unless: (1) specific dates for implementation are written into the bill; (2) you return it disapproved; (3) you forward it to the Board of Regents for their approval; or (4) the University Faculty petitions for a referendum. If the bill is forwarded to the Board of Regents, it will not become effective until approved by the Board.

March 12, 1982

W. Donald Rankin
Vice Chairperson of the Faculty Senate

ENDORSEMENT

TO: Chairperson of the Faculty Senate

FROM: President of the University

1. Returned.

2. a. Approved

b. Approved subject to final approval by Board of Regents

c. Disapproved

3/22/82

(date)

F. Newman
President

Form revised 7/78
At its meeting No. 213 held February 12, 1982, the Graduate Council considered and approved the following matters which are now submitted to the Faculty Senate for confirmation as indicated.

I. Matters Requiring Confirmation by the Faculty Senate.

A. College of Engineering
   1. Department of Electrical Engineering
      a. Changes
      ELE 506 Digital Signal Processing - prerequisite changed
         from: one course from 509, OCE 561, IDE 411 or MTH 451
         to: ELE 501 and 509
   2. Department of Mechanical Engineering
      a. Changes
      MCE 551 Fluid Mechanics I - description changed to:
         Basic treatment of real fluid flows using the continuum
         mechanics approach. Exact solutions of the governing
         equations. Laminar shear flows and boundary layer theory,
         turbulent transition. (Lec 3) Pre: MCE 354 or equivalent.
         Dowdell, Hagist, Lessmann, White
      MCE 552 Fluid Mechanics II - description changed to:
         Continuation of MCE 551 including turbulent modeling,
         turbulent shear flows and boundary layers, incompressible
         irrotational flows, and selected topics such as an intro-
         duction to non-Newtonian fluid behavior, geophysical flows,
         or numerical methods. (Lec 3) Pre: MCE 551.
         Dowdell, Hagist, Lessmann, White
      MCE 553 Flow of Compressible Fluids - title and description changed to:
         Two and three dimensional compressible flows, numerical
         methods for the solution of compressible and incompressible
         parabolic and elliptic problems. Other advanced topics of current
         interest. (Lec 3) Pre: MCE 551 or permission of instructor.
         Dowdell, Hagist, Lessmann, White

B. College of Arts and Sciences
   1. Department of Geography and Marine Affairs
      a. Deletion
      GMA 503: Seminar in Climatology
      GMA 542: Seminar in Economic Geography
      GMA 604: Intergovernmental Relations: Coastal Resource Management

3. Department of Civil and Environmental Engineering
   a. Changes in Requirements for Ph.D. degree in Civil and Environmental
      Engineering
   From: Program Requirements: Ph.D. qualifying examination. 30 course credits
      beyond the master's degree; one language; a three-course and a two-course
      minor from outside the department which may include work at the master's
      level.
   To: Dissertation and comprehensive examination. The candidate's program committee
      may require a research tool or a foreign language which may be necessary for
      the candidate's program. The committee may also require a two-course minor
      outside area of specialization. Completion of a minimum of 24 course credits
      (including the two-course minor) beyond master's.
2. College of Engineering
   Department of Civil and Environmental Engineering
   CHANGE: Description for CVE 470, 471 by deleting "Not for graduate credit."

3. Labor Studies Committee
   "ADD: LRS 490X Advanced Seminar in Labor Studies and Labor Relations (1,3) A seminar of varying format and focus, concerned primarily with one (or several) contemporary issues in labor studies and labor relations. (Sem. 3) Pre: Senior standing in labor studies or permission of instructor. Not for graduate credit. Staff"

B. Curricular Matters Which Require Confirmation by the Faculty Senate

1. College of Arts and Sciences
   a. Department of Botany
      "ADD: BOT 490 Modern Techniques in Botanical Sciences (1 and II, 2) Experience using the equipment and techniques of botanical research such as radioactive tracers, analysis of organic and inorganic constituents, productivity, hydro botany, cell and tissue culture, and light microscopy. (Lec. 2, Lab. 4 for six weeks) May be repeated with different topic. Pre: major in biological science, junior standing and permission of instructor. Staff"

   b. Department of Geography and Marine Affairs
      "DELETE: The following courses:
      a) GMA 403 Meteorology and Climatology
      b) GMA 404 Applied Meteorology and Climatology
      c) GMA 405 Introduction to Synoptic Meteorology and Climatology
      d) GMA 406 Microclimatology"

   c. Department of Geology
      "1) ADD: The following courses:
      a) GEL 401 Ore Deposits (II, 3) Origins of metallic ore deposits; factors localizing deposits; mining methods; uses of metals; environmental effects; discussion of specific metals and mining districts. (Lec. 2, Rec. 1) Pre: 301 or 320 or equivalent or permission of instructor. Offered in Spring of odd calendar years. Next offered Spring 1983. Cain"
      b) GEL 422 Intermediate Mineralogy-Petrology (1, 3) Continuation of crystallography, petrography, mineral/rock groups and petrologic techniques. Emphasis on mineral/rock suites. (Lec. 2, Lab. 2) Pre: 321. Offered in fall of even calendar years. Hermes"

* No action by Graduate Council required. -9-