

10-24-1983

Curricular Report No. 1983-84-1 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 Edward D. Eddy

FROM: Chairperson of the Faculty Senate

1. The attached BILL, titled Curricular Report No. 1983-84-1 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 October 27, 1983 (date)
4. After considering this bill, will you please indicate your approval or disapproval. Return the original or forward it to the Board of Governors, 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 November 17, 1983 (date), 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 Governors for their approval; or (4) the University Faculty petitions for a referendum. If the bill is forwarded to the Board of Governors, it will not become effective until approved by the Board.

October 28, 1983
(date)

Marguerite Bumpus
Marguerite Bumpus
Chairperson of the Faculty Senate

ENDORSEMENT

TO: Chairperson of the Faculty Senate

FROM: President of the University

Returned.

- a. Approved _____
- b. Approved subject to final approval by Board of Governors _____
- c. Disapproved _____

11/2/83
(date)

RECEIVED

11-2-83

UNIVERSITY OF RHODE ISLAND
FACULTY SENATE

Edward D. Eddy
President

UNIVERSITY OF RHODE ISLAND
Kingston, Rhode Island

FACULTY SENATE

Recommendations of the Executive Committee for Implementing Goals for 1983-84
Academic Year

October 17, 1983

On October 13, 1983, the Faculty Senate adopted the following goals for the 1983-84 academic year:

1. To explore alternatives and develop plans for improving the University's budget situation.
2. To involve faculty in a cooperative effort to clarify and enhance the University's image.

In order to implement these goals, the Executive Committee recommends that the Faculty Senate create two ad hoc committees:

- 1) The Ad Hoc Committee on Improving the University's Budget Situation shall:
 - a) analyze the budget situation and develop a case for increased state appropriations;
 - b) develop and implement plans for systematic and timely interactions with key administrators and legislators;
 - c) call for, review and distribute appropriately, constructive ideas from the University community for improving the University's financial situation.

The committee shall report to the Senate on its progress on December 1, 1983 and February 9, 1984 and shall submit a final report to the Faculty Senate on April 19, 1984.

- 2) The Ad Hoc Committee on Enhancing the University's Image shall:
 - a) develop plans for enhancing faculty appreciation of their own strengths in the areas of teaching, research, creative activity and service;
 - b) increase awareness of University resources in the areas of teaching, research, creative activity and service;
 - c) develop plans for increasing public visibility of faculty strengths and contributions;
 - d) make recommendations for implementation.

The committee shall report to the Senate on its progress on December 15, 1983 and February 23, 1984 and shall submit a final report to the Faculty Senate on May 3, 1984.

UNIVERSITY OF RHODE ISLAND
The Graduate School

CURRICULAR REPORT FROM THE GRADUATE COUNCIL TO THE FACULTY SENATE - Report No. 1983-84-1

At its Meeting No. 228 held September 30, 1983, the Graduate Council considered and approved the following curricular matters which are now submitted to the Faculty Senate for confirmation as indicated.

I. Matters Requiring Confirmation by the Faculty Senate

- A. College of Business Administration
 1. Department of Management Science
 - a. Add (New)

MGS 695 Seminar in Management Science I or II, 3
Preparation and presentation of papers on selected topics in management science. Pre: MGS 620 and permission of instructor. Staff

- B. College of Engineering
 1. Department of Ocean Engineering
 - a. Add (New)

OCE 522 Dynamics of Waves and Structures I, 3
Introduction to offshore structures; physical modeling, wave force models, Morison and diffraction regimes; time and frequency domain techniques for simple oscillators; environmental loadings; random vibration; spectral models; case studies. (Lec 3) Pre: MCE 464 or equivalent. Staff

OCE/CVE 523 Coastal Structures II, 3
Introduction to coastal engineering; review of wave theories for coastal applications; wave forces on coastal structures; seawall, groins, jetties and breakwaters; construction materials; ports and harbors; ice loading; case studies. (Lec 3) Pre: OCE 587, OCE 510 or concurrent enrollment. McEwen

OCE 625 Advanced Marine Structures II, 3
Advanced oscillator models of offshore platforms and equipment; estimates of extreme responses; radiation and scattering of waves by offshore structures; study of fixed, submerged and compliant offshore structures. (Lec 3) Pre: OCE 510, OCE 522, CVE 551 or equivalent. Staff

b. Changes

OCE 610: Engineering Ocean Mechanics - number, description and prerequisite changed to:

OCE 510(610) Engineering Ocean Mechanics II, 3
Fundamental equations of ocean hydrodynamics. Applications to wave motion and generation, wave spectra, storms, tide, and sediment transport. Hydrodynamic forces and moments. Analysis and numerical modeling of estuarine flows. (Lec 3) Pre: MCE 354 or equivalent. Spaulding/White

CURRICULAR REPORT FROM THE GRADUATE COUNCIL TO THE FACULTY SENATE - Report No. 1983-84-1

OCE/CVE 524 Marine Structural Design - number, description and prerequisite changed to:

OCE/CVE 626(524) Marine Structural Design II,3
Introduction to offshore structural design problems; design and simulation of fixed offshore structure, a gravity offshore platform or a coastal structure; design codes and regulations. (Lec 3) Pre: 353 and permission of instructor.
McEwen, Silva, Spaulding

2. Department of Civil and Environmental Engineering
a. Add (New)

CVE 560 Structural Design I or II,3
Behavior and design of structural systems, selected topics in steel, reinforced concrete and prestressed concrete. (Lec 3)
Pre: CVE 460 and CVE 465. McEwen, Chang, Marcus

b. Changes

CVE 551 Advanced Structural Analysis - semester and description to:

CVE 551 Advanced Structural Analysis II,3
Stiffness and flexibility, energy methods, finite element analysis, numerical methods applied to two dimensional frames and solids. (Lec 3)
Pre: CVE 453 and Permission of instructor. Chang, McEwen, Marcus

CVE 655 Matrix Methods in Structural Analysis - title and description to:

CVE 655 Finite Element Analysis in Civil Engineering I or II,3
Finite element analysis applied to structures, solids, plates, shells and field problems. (Lec 3) Pre: CVE 551 and permission of instructor. Chang, McEwen, Marcus

3. Department of Industrial Engineering
a. Add (New)

IDE 542 Introduction to Computer Aided Manufacturing I,3
Use of computers in manufacturing. Planning and control of manufacturing facilities and operations. Group technology, flow lines, optimization of machining conditions, numerical and adaptive control, automation, robotic applications. (Lec 3) Pre: IDE 442 or permission of instructor. Radhakrishnan

4. Department of Electrical Engineering
a. Change

ELE 601/602: Graduate Seminar - grading method changed to only S/U Grades

C. College of Arts and Sciences

1. Department of Chemistry
a. Changes

CHM 521 Advanced Organic Chemistry I - description changed to:

CHM 521 Advanced Organic Chemistry I I,3
Emphasis on fundamental organic structure theory and reaction mechanisms. (Lec 3) Pre: CHM 226 and 228 or equivalent. Vittimberga

CURRICULAR REPORT FROM THE GRADUATE COUNCIL TO THE FACULTY SENATE - Report No. 1983-84-1

CHM 522 Advanced Organic Chemistry II - description changed to:

CHM 522 Advanced Organic Chemistry II II,3
Modern synthetic reactions and their application to such areas as natural products. (Lec 3) Pre: CHM 521 or permission of instructor. Goodman

2. Department of Zoology
a. Change

ZOO 576 Ecological Genetics - credit, hours, prerequisite changed to:
Credits from 4 to 3; time from every spring to - alternate years; next offered spring 1984
Clock hours from Lec 3/Lab 3 to Lec 3; pre from one semester of genetics to ZOO 460

3. Department of Geology
a. Add (New)

GEL 512 Geologic Terrain Remote Sensing II,3
Application of remote sensing to terrain analysis utilizing photo-optical instrument analysis of satellite imagery, aerial photography, radar and multispectral imagery of geomorphologic, coastal, geohydrologic, structural, environmental and extraterrestrial terrains. (Lec 2, Lab 2) Pre: 410 or 303 or permission. Offered Spring of even calendar years. Fisher

GEL 577 Coastal Geologic Hazards II,3
Geologic hazards in the coastal zone and their impact on society. Includes waves, storm-surge, mass-wasting, and sea level rise. Geologic effectiveness of engineering structures and management techniques. Emphasis on field study. (Lec 2, Lab 3) Pre: 450 or permission of instructor. Offered in spring of even calendar years. Boothroyd