

3-26-1987

## Curricular Report No. 1986-87-6 from the Graduate Council to the Faculty Senate

University of Rhode Island Faculty Senate

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THE 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. 1986-87-6 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 26, 1987 (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 April 16, 1987, 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.

March 27, 1987  
(date)

Richard Katula  
Richard Katula  
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 \_\_\_\_\_.

4/3/87  
(date)

Edward D. Eddy  
President

UNIVERSITY OF RHODE ISLAND  
The Graduate School

CURRICULAR REPORT FROM THE GRADUATE COUNCIL TO THE FACULTY SENATE - Report No. 1986-87-6

At its Meeting No. 256 held February 20, 1987 the Graduate Council considered and approved the following curricular matters which are now submitted to the Faculty Senate for information and confirmation as indicated.

I. Matters of Information.

A. College of Arts and Sciences and College of Resource Development

1. Department of Microbiology and Department of Food Science and Nutrition  
a. Temporary Course

MIC/FSN 523X Water Pollution Microbiology I,3  
The microbiological aspects of water pollution, particularly the potential for infectious diseases, pollution effects on microbial ecosystems and the microbial degradation of pollutants in aquatic environments. Prior or concurrent registration in 525. (Lec 3) Pre: MIC 201 or 211, BCP 311 or permission of instructor. Cabelli/Traxler

II. Matters Requiring Confirmation by the Faculty Senate.

A. College of Arts and Sciences and College of Resource Development

1. Department of Microbiology and Department of Food Science and Nutrition  
a. Add (New)

MIC/FSN 523 Water Pollution Microbiology I,3  
The microbiological aspects of water pollution, particularly the potential for infectious diseases, pollution effects on microbial ecosystems and the microbial degradation of pollutants in aquatic environments. Prior or concurrent registration in 525. (Lec 3) Pre: MIC 201 or 211, BCP 311 or permission of instructor. Cabelli/Traxler

B. College of Pharmacy

1. Department of Pharmaceutics  
a. Change in description to read-

PHC 521,522: Seminar I and II,1  
Seminar discussions including presentation of papers on selected topics in pharmacy. (Lec 1) Students attend seminar each semester while in graduate residence, but a maximum of one credit per year is allowed; not more than two credits allowed for an M.S. program; not more than five credits allowed for a Ph.D. program. Staff

C. College of Engineering

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

IME 543 Fundamentals of Machining I,3  
Fundamental treatment of the mechanics and economics of metal machining and grinding. Includes an introduction to numerical control and computer aided programming of CNC machine tools. (Lec 3) Pre: CVE 220, IDE 440. Boothroyd/Dewhurst/Knight

CURRICULAR REPORT FROM THE GRADUATE COUNCIL TO THE FACULTY SENATE - Rpt No. 1986-87-6

2. Department of Ocean Engineering

a. Changes

OCE 534 Corrosion and Corrosion Control - description to read-

OCE 534 Corrosion and Corrosion Control II,3  
Chemical nature of metals, electrochemical nature of corrosion. Types of corrosion, influence of environment, methods of corrosion control. Behavior of engineering materials in corrosion with emphasis on industrial and ocean environments. (Lec 3) Pre: Permission of instructor. Brown

OCE 535 Advanced Course in Corrosion - semester and description to read-

OCE 535 Advanced Course in Corrosion I,3  
High temperature corrosion, oxidation by gaseous environments, industrial problems with high temperature corrosion. Materials selection and techniques to combat high temperature corrosion. (Lec 3) Pre: OCE/CHE 534 or permission of instructor. Brown/Gregory

Change in Program Requirements for M.S. and Ph.D. to read:

Master of Science

Program Requirements: Core requirement of four courses selected from OCE 510, 512, 521, 522, 534, 560, 561, 565, 571, 587, one course selected from OCG 501, 521, 540, or an advanced level OCG course. Thesis option: core requirement plus thesis and at least 12 course credits of electives exclusive of OCE 605, 606. Non-thesis option: (for part-time students only with permission of department at time of admission) core requirement plus 21 course credits exclusive of OCE 605,606, but including at least one course requiring a substantial paper involving significant independent study, and written master's examination.

Doctor of Philosophy

Program Requirements: Ph.D. qualifying examination, dissertation, one advanced applied mathematics course, one graduate level course in another engineering discipline (not cross-listed), one additional oceanography, two additional ocean engineering core courses and two additional 500-600 level OCE courses, completion of 30 course credits beyond masters exclusive of OCE 605, 606.