

3-26-1992

Curricular Report No. 1991-92-6 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 Robert L. Carothers

FROM: Chairperson of the Faculty Senate

1. The attached BILL, titled Curricular Report No. 1991-92-6 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, 1992 (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, 1992, 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, 1992
(date)

Leonard M. Kahn
Leonard M. Kahn
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 .

Robert L. Carothers
(date)

4/2/92
President

University of Rhode Island
The Graduate School

CURRICULAR REPORT FROM THE GRADUATE COUNCIL TO THE FACULTY SENATE
REPORT NO. 1991-92-6

At its Meeting No. 296 held on March 6, 1992, the Graduate Council considered and approved the following curricular matters which are now submitted to the Faculty Senate for information or confirmation as indicated.

I. Matters of Information.

A. College of Engineering

1. Department of Mechanical Engineering and Applied Mechanics
 - a. Temporary Course

MCE 531X Advanced Computer-Aided Mechanical Design I,3
Optimization in mechanical design, mechanism design software, expert systems in mechanical design, advance solid modeling techniques, simulation of mechanical systems. (Lec 3) Pre: MCE 430, graduate standing, or permission of instructor. Olson

II. Matters Requiring Confirmation by the Faculty Senate.

A. College of Arts and Sciences

1. Department of Chemistry
 - a. Change

CHM 511 Advanced Analytical Chemistry I - description changed to:

CHM 511 Advanced Analytical Chemistry I I,3
Fundamentals of electrochemistry, including a review of electricity and how it passes through conductors, electrochemical cells, electrode reactions, ionic solutions, polarization, transport mechanisms, voltammetry. Statistical treatment of experimental data. (Lec 3) Pre: C 412 or permission of instructor. Zoski

B. College of Human Science and Services

1. Department of Education
 - a. Add (New)

EDC 517 Teaching Social Studies in the Elementary School I,II,SS,3
Intensive research in various cross-subject topics within the social studies. Systematic analyses of learning theories and methods as they relate to the teaching of social studies in the elementary grades. (Lec 3) Pre: Graduate or post-graduate studies. MacMillan

EDC ⁵⁰⁸ Interdisciplinary Curriculum Development I,II,SS,3
Curriculum development of interdisciplinary units for elementary and middle schools. Focus is on grade-level units which incorporate multiple subject areas. Both individual and group projects required. (Lec 3) Pre: Certified teacher. Staff

C. College of Resource Development

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

FSN 504 Research Methods in Dietetics SS,3
Research methods and techniques applied to the field of dietetics. Research project designed by each student. (Lec 3) Pre: FSN 951, 952 and 953, or permission of instructor. Greene

D. College of Engineering

1. Department of Ocean Engineering
 - a. Correction to Curriculum Rpt 1986-87-6

Ocean Engineering Master's program requirements: Thesis Option -change "at least 12 course credits of electives" to "at least 9 credits of electives." (This maintains the total credits required at 30) Non-thesis Option-change "at least 21 course credits" to "at least 18 course credits." (This establishes the total credits required for the degree at 33. Both of these requests were implicit in the backup documentation submitted to the Council with the requested changes.)

E. College of Pharmacy

1. Department of Pharmacuetics
 - a. Correction to Curriculum Report No. 1988-89-9

Ph.D. Program Requirements - delete "PHC 665" from first line. (The documentation submitted to Council indicate that this requirement and the specific course number were being deleted by being incorporated into the additional credits of 500 or 600 level PHC courses.)

AVS 472 Physiology of Reproduction (II, 3)
3) Anatomy and physiology of reproduction, with emphasis on domestic animals. Current experimentation in the endocrinology of reproduction is surveyed. (Lec. 2, Lab. 2) Pre: ZOO 111. Rhodes.

B. Curricular Matters Which Require Confirmation by the Faculty Senate.

1. College of Arts and Sciences

a. Department of Botany

CHANGE: Level and number, description and prerequisite for BOT 245:

BOT 445 (245) Plant Physiology (I, 3)
Growth and function of vascular plants from seed germination through flowering. Topics include energy metabolism, transport processes, environmental interactions, stress physiology and developmental control. (Lec. 2, Lab. 3) Pre: 111, CHM 112 or permission of instructor. Roberts

b. Department of Classical and Modern Languages and Literature

CHANGE: Description and credits for the following courses:

- a) GRK 497, 498 Directed Study (I or II, 1-6 each) Individual readings and research. Pre: Acceptance of project by staff member and approval of chairperson. May be repeated for credit with a different topic.
- b) LAT 497, 498 Directed Study (I or II, 1-6 each) Individual readings and research. Pre: acceptance of a project by a staff member; approval of chairperson. May be repeated for credit with different topic.

2. College of Engineering

* No action by Graduate Council. Not for graduate credit.

*ADD: EGR 411 Advanced Technical German (II, 3) Seminar on advanced scientific and engineering topics in an international context. All reading, discussion, and associated writing is conducted in the German language. (Lec. 3) Pre: any 400 level course in German and senior standing in an approved engineering program. Not for graduate credit. Lengyel and Karamanlidis

3. College of Resource Development

a. Resource Development

1) DELETE: RDE 486 Internship (I and II, 1-6)

2) ADD: The following new courses:

- *a) RDV 487 International Development Internship (I and II, 1-6) Supervised participation in programs related to international development. Minimum of 35 hours of internship per credit. Pre: 300 and permission of instructor. Not for graduate credit. McCreight or Abedon
- *b) RDV 495 International Development Seminar (II, 3) Seminar in international development for advanced level students in the International Development Minor. (Lec. 3) Pre: 300 and permission of instructor. Not for graduate credit. McCreight or Abedon

b. Natural Resources Science

CHANGE: Credits for NRS 471 to "3" and method of instruction to "(Lec. 1, Lab. 4)."

* No action by Graduate Council. Not for graduate credit.