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## Curricular Report No. 1982-83-2 from the Graduate Council to the Faculty Senate

University of Rhode Island Faculty Senate

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UNIVERSITY OF RHODE ISLAND  
Kingston, Rhode IslandFACULTY SENATE  
BILLAdopted by the Faculty Senate

TO: President Frank Newman

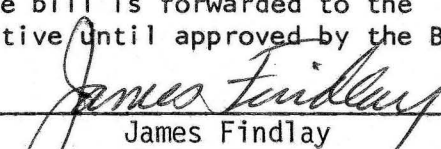
FROM: Chairperson of the Faculty Senate

1. The attached BILL, titled Curricular Report No. 1982-83-2 from the Graduate Council to the Faculty Senate

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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 November 4, 1982.  
(date)
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 November 25, 1982 (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 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.

November 5, 1982  
(date)  
James Findlay  
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 Governors \_\_\_\_\_.
- c. Disapproved \_\_\_\_\_.

11/26/82  
(date)  
President

UNIVERSITY OF RHODE ISLAND  
The Graduate School

CURRICULAR REPORT FROM THE GRADUATE COUNCIL TO THE FACULTY SENATE - Report No. 1982-83-2

At its meeting No. 219 held October 15, 1982, 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 Pharmacy

1. Department of Pharmacology and Toxicology  
a. Add (New)

PCL 644 Cardiovascular Pharmacology II,3  
Cellular mechanisms of drug action as a basis for understanding therapeutic effects. Emphasis on current developments in antihypertensive, antiarrhythmic, antianginal and cardiotonic drug research. (Lec 3) Pre: PCL 441 and 442 or equivalent. Rodgers

B. College of Resource Development

1. Department of Animal and Veterinary Science  
a. Add (New)

AVS 510 Recent Advances in Domestic Animal Physiology II,2  
Reading of current papers and preparation of written and oral reports in endocrine, reproductive and general physiology. Emphasis on applied research in domesticated animals. (Lec 2) Pre: A senior level physiology course or an equivalent. May be repeated; maximum 4 credits. Gray

AVS 542 Advances in Animal Virology II,2  
Scientific literature in animal virology will be critically reviewed and discussed. A series of articles will be assigned, and written and oral presentation made. (Lec 2) Pre: ASP 534, ASP 538 and permission of instructor. May be repeated; maximum of 4 credits. Yates and Chang

C. College of Arts and Sciences

1. Department of Botany  
a. Add (New)

BOT 555 Algal Cell Biology I,3  
Fine structure and metabolism of various algal taxa. Emphasis on carbon metabolism, nuclear and cell division, reproduction and motility. Project required. (Lec 2, Lab 2) Pre: BOT 355 and 453; or permission of instructor. Alternate years. Sheath

C. College of Resource Development

Department of Animal and Veterinary Science

DELETE: The following courses:

- 1) AVS 252 The Pleasure Horse (I and II,2)
- 2) AVS 313 Biology of the Horse (II,3)

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SECTION III

Joint Report of the Curricular Affairs Committee and Graduate Council on 400-Level Courses.

At the Curricular Affairs Committee's meetings of September 20 and October 4, 1982 and the Graduate Council's meeting of September 24, 1982, the following matters were considered and are now presented to the Faculty Senate.

A. Informational Matters (Including Temporary Courses)

1. College of Arts and Sciences

Department of Political Science

CROSS-LIST: AAF 410 as "AAF 410 (or PSC 410) Issues in African Development (I or II,3)"

2. College of Business Administration

Department of Management Science

ADD: MGS 450X Forecasting (II,3) Introduction to forecasting for students of management, finance, accounting, and marketing at the senior or masters level. Emphasis on applications and the use of computer utility programs. (Lec. 3) Pre: 202, 207 or equivalent and senior or graduate standing. Jarrett

B. Curricular Matters Which Require Confirmation by the Faculty Senate

1. College of Arts and Sciences

Department of Languages

Spanish

CHANGE: Credits for SPA 497, 498 to "1-3."

2. College of Engineering

a. Department of Civil and Environmental Engineering

ADD: CVE 475 Water in the Environment (II,3) Evaluation of water as a resource and its relation to the environment: hydrologic cycle, water budgets, water uses, drought, flood, current water problems. (Lec. 3) Pre: MTH 243 and CVE 374 or permission of instructor. Offered in spring of even calendar years. Urish

b. Department of Mechanical Engineering and Applied Mechanics

CHANGE: Title, description and prerequisite for MCE 466:

MCE 466 Introduction to Finite Element Method (II,3) Application of the finite element method to problems in mechanical engineering including plane elasticity, heat transfer and fluid mechanics. Basic concepts, matrix formulation, interpolation functions, basic element types, and implementation to problem solution. Pre: CVE 220 and MCE 373. White and Kim