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10-14-1971

## GRADUATE COUNCIL CURRICULAR REPORT #70-71-13

University of Rhode Island Faculty Senate

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Serial Number 71-72-2  
UNIVERSITY OF RHODE ISLAND

FACULTY SENATE

BILL

Adopted by the Faculty Senate

RECEIVED  
UNIVERSITY OF R. I.  
OCT 27 1971  
OFFICE OF THE PRESIDENT

TO: President Werner A. Baum  
FROM: Chairman of the Faculty Senate

1. The Attached BILL, titled GRADUATE COUNCIL CURRICULAR REPORT  
#70-71-13

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 71-10-14  
(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 8, paragraph 2 of the Senate's By-Laws, this bill will become effective on 71-11-17 (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 Trustees for their approval; or (4) the University Faculty petitions for a referendum. If the bill is forwarded to the Board of Trustees, it will not become effective until approved by the Board.

71-10-28  
(date)

Stephen D. Schwarz /s/  
Chairman of the Faculty Senate  
STEPHEN D. SCHWARZ

ENDORSEMENT 1.

TO: Chairman of the Faculty Senate  
FROM: President of the University

1. Returned.  
2. Approved subject to Regents' action. Disapproved \_\_\_\_\_  
3. (If approved) In my opinion, transmittal to the Board of Regents is ~~not~~ necessary.

10/27/71  
(date)

W. A. B. /s/  
President

(OVER)

ALTERNATE ENDORSEMENT 1.

TO: Chairman of the Board of Regents.

FROM: The University President

1. Forwarded.

2. Approved.

\_\_\_\_\_ /s/  
(date) President

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ENDORSEMENT 2.

TO: Chairman of the Faculty Senate

FROM: Chairman of the Board of Regents, via the University President.

1. Forwarded.

\_\_\_\_\_ /s/  
(date) \_\_\_\_\_  
(Office)

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ENDORSEMENT 3.

TO: Chairman of the Faculty Senate

FROM: The University President

1. Forwarded from the Chairman of the Board of Regents.

\_\_\_\_\_ /s/  
(date) President

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Original received and forwarded to the Secretary of the Senate and Registrar for filing in the Archives of the University.

\_\_\_\_\_ /s/  
(date) Chairman of the Faculty Senate

UNIVERSITY OF RHODE ISLAND  
The Graduate School

Report #70-71-13

June 17, 1971

CURRICULAR REPORT FROM GRADUATE COUNCIL TO FACULTY SENATE

At its Meeting No. 86 on May 28 1971 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 Requiring Confirmation by the Faculty Senate.

A. College of Arts & Sciences

1. Department of Economics

a. Change:

ECN 527, 528, and 675 which are currently cross-listed with the Department of Resource Economics be listed under Economics only beginning with the academic year 1972-73.

2. Department of Zoology

a. Add (new)

ZOO 566 Herpetology

Semester II, 3 credits

The biology of recent orders of amphibians and reptiles with emphasis on adaptations and evolution, world faunal relationships past and present, and current systematic problems. Laboratory study of selected herpetological material, field trips and two week-end trips to the American Museum of Natural History. (Lec. 2, Lab 3) Prerequisites: Zoo 216 and 313, or permission of the instructor. Dowling & Shoop

3. Department of Sociology

a. Add (new)

# SOC 446 The Sociology of Knowledge Semester I, II 3 credits  
Survey of the social roots and consequences of mental phenomena. Emphasis on explication and evaluation of the theories of Durkheim, Mannheim, Marx and Weber. Derivations of these theories in "common sense" thinking and their impact on everyday activities. (Lec 3)  
Prerequisite: 12 Sociology credits or permission of the instructor. Sennott

# SOC 448 The Sociology of Science Semester I, II 3 credits  
Survey of social affects on the development and pursuit of science; the ways science and its by-products affects social development; the role of the "man of knowledge;" socio-historical conditions surrounding the rise of science; relations among scientific knowledge, individual ethics, and social policy. (Lec 3) Prerequisite: 12 Sociology credits or permission of the instructor. Sennott

4. Department of French

a. Change:

M.A. in French--that FRN 501 cease to be a requirement for the M.A. in French.

Report #70-71-13

June 17, 1971

FRN 521 to read as follows -

FRN 521 The French Renaissance Semester I, 3 credits  
An examination of the origins and development of the Renaissance in France as seen in the writings of Rabelais and the poets of his time. (Lec 3)  
Prerequisite: graduate status or permission of instructor. Benson

FRN 522 to read as follows -

FRN 522 The Rise of Introspective Writings in 16th Century France Semester II, 3 credits  
A thematic study of self-analysis as practiced by Montaigne and his contemporaries. (Lec 3) Prerequisite: graduate status or permission of the instructor. Benson

#### 5. Department of History

##### a. Change:

HIS 408 to read as follows -

- # HIS 408 History of Europe, 1648-1789 Semester I, 3 credits  
Survey of the European states from the Peace of Westphalia to the French Revolution. Emphasis on relationship among social and economic conditions and political developments. (Lec 3) Silvestri

HIS 409 to read as follows -

- # HIS 409 The French Revolution and Napoleon Semester II, 3 credits  
Examination of the Revolutionary and Napoleonic eras with emphasis on the connections among economic, social and political developments. Special attention to problems of interpretation. (Lec 3) Silvestri

#### 6. Department of Bacteriology & Biophysics

##### a. Change:

Change of name from Department of Bacteriology & Biophysics to the Department of Microbiology and Biophysics

#### B. College of Engineering

##### I. Department of Ocean Engineering

##### a. Add (New)

OCE 565: Ocean Lab I Semester I or II, 3 credits  
Measurements, experiments, and the development of apparatus in the ocean from research vessels. Topics covered include statistical theory, planning multi-variable and sequential experiments, checking of data, error-propagation in multi-sensor experiments in the ocean, and at-sea operations. Physical, chemical, and biological measurements would be undertaken as well as application tests on models or full-size apparatus in Narragansett Bay. (Lec 1, Lab 6) Prerequisites: Graduate standing in Engineering or Oceanography or permission. Schenck, LeBlanc

OCE 566 Ocean Lab II Semester I or II, 3 credits  
Planning long-term application or environmental experiments in the ocean. Carrying out a synoptic ocean measurement program over a month or more using vessels, buoys, underwater sensors, and locations of opportunity. The student would manage the experiment or measurement scheme so as to make a contribution to engineering or oceanographic knowledge in the area of operation. Preparation of a report on the experimental work. (Lab 6-8) Prerequisite: OE 565, Schenck, LeBlanc

C. Graduate School of Oceanography

## a. Change:

OCG 625 to read as follows -

OCG 625 Organic Geochemistry

Semester I, 3 credits

Chemistry of organic matter in sea water and recent marine sediments.

Topics include: source, characterization, significance and fate of dissolved, particulate and sedimentary organic compounds. (Lec 3) Prerequisite:

CHM 222 or permission of instructor. Quinn

D. College of Engineering

## a. Add (new)

~~Doctor of Philosophy degree program in Industrial Engineering.\* ( Areas of emphasis to be offered are in applied operations research and materials processing metrology) Approved with the stipulation that students wishing to pursue the Materials Processing Option not be accepted until the vacancy in this area is filled and that adequate staff is available as determined by the Dean of the Graduate School, the Dean of the College of Engineering and the Vice President for Academic Affairs.~~

Doctor of Philosophy degree program in Civil & Environmental Engineering.\* (Areas of emphasis to be offered are in Environmental Engineering, Soil Mechanics, and Structures.)

E. Graduate Curriculum in Community Planning & Area Development

## a. Change:

To permit a student enrolled in the 60 credit hour Master of Community Planning degree program to take up to and including 12 credit hours of thesis research for program credit.

\*Abridged copies of the original proposal have been sent to all Department Chairmen and Senators. Copies of the unabridged proposal (approximately 70 pages) are available for review in the office of each academic dean, librarian, and Graduate School Office.

# Pending