

3-28-1991

## Curricular Report No. 1990-91-6 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. 1990-91-6 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 28, 1991.  
(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 18, 1991, 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 29, 1991  
(date)

Winifred Brownell  
Winifred Brownell  
Chairperson of the Faculty Senate

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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 \_\_\_\_\_.

4/9/91  
(date)

Edward D. Eddy  
President

UNIVERSITY OF RHODE ISLAND  
The Graduate School

CURRICULAR REPORT FROM THE GRADUATE COUNCIL TO THE FACULTY SENATE  
REPORT NO. 1990-91-6

At its Meeting No. 288 held on March 1, 1991, 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 Chemical Engineering
  - a. Temporary Course

CHE 576X Process Engineering for Pollution Prevention I and II, 3  
Management of processes and development of techniques for waste minimization in the chemical process, machine tool, coating, plating, plastics, and other industries. Pre: Permission of instructor. Barnett/Glasson

II. Matters Requiring Confirmation by the Faculty Senate.

A. College of Resource Development

1. Department of Natural Resource Science
  - a. Add (new)

NRS 505 Biology of Management of Migratory Birds I, 2  
Current programs, problems, and techniques for managing migratory game and nongame birds. Emphasis on basic biology of the species, habitat management, and harvest management. (Sem 2)  
Pre: NRS 305 or permission of instructor. In alternate years.  
Next offered 1991-92. Eddleman

NRS 514 Fate of Organic Chemicals in Soils and Sediments II, 3  
Physical and chemical processes which determine contaminant distribution in soils and sediments, along with mechanistic conceptual models of these processes. Soil-water-contaminant relationships are emphasized. (Lec 3) Pre: One semester of organic chemistry and permission of instructor. Gamerdinger

NRS 526 Microbial Ecology of Soils and Sediments I, 3  
Occurrence and activity of microorganisms in soils and sediments, including wetlands. Environmental physiology of microbes; habitat interactions; methods of study; importance of microbial processes to ecosystem productivity, pollutant degradation, and atmospheric chemistry. (Lec 3) Pre: NRS 212, MIC 211 or permission of instructor. Groffman

- c) THE 483 Aesthetics and Criticism of the Theatre (II, 3) Study of dramatic theory and criticism. (Seminar) Pre: Upper division standing and permission of instructor. In alternate years, next offered Spring 1993. Armstrong

e. Department of Zoology

ADD: ZOO 444 Experimental Physiology (II, 1) Introduction to non-invasive research methods in physiology. Emphasis on experimental design, recording and analyzing data, and use of laboratory notebooks in writing for publication. (Lab. 3) Pre: 201 or three semesters of biological science. Hill

2. College of Human Science and Services

a. Department of Education

ADD: The following new courses:

- \*a) EDC 453 Individual Differences (I, 3) Analyzing the needs of various student populations with attention given to the concomitant values, resources, and curriculum modifications necessary for success in learning. Pre: acceptance in the Elementary Education Program or permission of the department. Not for graduate credit. Offered beginning in Fall 1992. Staff
- \*b) EDC 454 Individual Differences Field Component (I, 1) Supervised field experience related to 453 consisting of special education, language minority, compensatory education, gifted and talented, and at-risk students. Pre: acceptance in to the Elementary Education Program or permission of the department. Not for graduate credit. Offered beginning in Fall 1992. Staff

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

B. College of Human Science and Services

1. Department of Physical Education Health and Recreation

a. Changes in M.S. degree in Physical Education

Core Requirements changed to:

Thesis: 30 credits including PED 530, 531, 599 and 6 credits from Physical Education courses outside the area of specialization; Nonthesis option: 33 credits including PED 530, 531, 591 and 6 credits from Physical Education courses outside the area of specialization, and a written master's comprehensive examination.

Change in title of the specialization in Administration to Teacher Education and Administration and the specialization in Psychology of Sport to Psychological Aspects of Sport and Health.

Deletion of the specializations in Sport and Recreation Management and Recreation Education.

C. College of Arts and Sciences

1. Department of Microbiology

a. Changes

MTC 502 Advanced Clinical Chemistry for Medical Technology - title to: Advanced Clinical Chemistry I

MTC 510 Clinical Lab Supervision - title to: Clinical Laboratory Management

MTC 543: Advanced Clinical Chemistry - title to: Advanced Clinical Chemistry II

MTC 512 Special Problems in Clinical Lab Science credits changed from 3-6 to 3 credits

b. Crosslisting

MIC/FSN 523 Water Pollution Microbiology with NRS

c. Changes in admission requirements for the M.S. and Ph.D. programs in Microbiology to the following:

Master of Science: GRE and a strong background in the biological sciences and chemistry. Recommended courses include two semesters each of biology (zoology, botany), general and organic chemistry, mathematics, including calculus, physics,

and a semester each of microbiology, genetics, quantitative analysis, biochemistry and statistics. Applicants with deficiencies in these background courses may be required to complete appropriate coursework without graduate credit.

Doctor of Philosophy: Same as for master's degree. A course in physical chemistry is also recommended. Change statement on qualifying examination to read, "Qualifying examination is required for students admitted without a master's degree."

2. Department of Zoology

a. Change

ZOO 691,692 Assigned Work - title changed to: Directed Research

D. The Graduate School

1. Changes to Sections 3.11 and 3.20 of The Graduate Student Manual

Deletion of the phrase, "or its overall equivalent"

ANNUAL REPORT  
HONORS PROGRAM AND VISITING SCHOLARS COMMITTEE  
1990/91

The Honors Program and Visiting Scholars Committee has continued to enrich the campus community by offering stimulating Honors courses and sponsoring noted scholars for visits to Kingston for special presentations to students and faculty. A short informational report describing specific activities of the Committee for 1990-1991 follows. (As Acting Director of the Program for this year, I will present a more detailed and speculative discussion of the Honors Program to the Vice Provost and to the Faculty Senate before July 1, 1991.)

A. Eligibility Standards for 1991/92

The standards of eligibility for participation in the program continue to be the same: Freshmen must have graduated in the top 10% of their high school class or present a letter of recommendation from their principal or guidance counselor. Sophomores, juniors, and seniors must have earned a 3.2 QPA. Under special circumstances these requirements may be modified with permission of the Director.

B. Courses and Enrollment

During the fall semester the program offered eight 100-level courses, six 300-level tutorials, and a 400-level Seminar. In the Spring semester two 100-level courses, six 300-level tutorials, and two 400-level seminars were given. The Honors Colloquium, the Administrative Internship, and the Senior Honors Project (HPR 401/402) were offered in fall and spring semesters. Total enrollment each semester was between 200 and 250 students.

C. Faculty

During the 1990/91 academic year the following faculty served as Honors Faculty Fellows in the Honors Program:

College of Arts & Sciences: Sally Burke (English), Richard Gelles (Sociology), Don Kunz (English), William Kleak (Art), Marilyn Malina (English), Paula McGlasson (Theatre), Lynn Pasquerella (Philosophy), Daniel Pearlman (English), M. Beverly Swan (English), Antone Silvia (Journalism), E.R. Suryanarayan (Mathematics), Gerry Tyler (Political Science), Norman Zucker (Political Science). College of Human Science and Services: William Lynn McKinney (Education). College of Nursing: Mary Lee Evans. College of Pharmacy: Norman Campbell (Pharmacy Administration). Graduate School of Oceanography: Lynne Hanson and Margaret Leinen.

Perhaps the most visible activity under Committee sponsorship is the Honors Colloquium (HPR 201/202). During this academic year, the two Colloquia were impressively diverse and intellectually challenging. Professor Marilyn Malina (English) directed the fall series of 12 speakers on the topic "Defining Human Rights and Responsibilities." Dean Margaret Leinen and Mrs. Lynne Carter Hanson, of the Graduate School of Oceanography, codirected the spring series of 12 speakers on "Global Environmental Change: The Science and Social Issues." In addition to the Honors students formally enrolled in the Colloquium, large and appreciative audiences representing various campus and Rhode Island constituencies attended these lectures, and the other presentations (discussions, videos, etc.) related to the topics.

The Committee has selected one colloquium for the spring semester of 1992. Professor William Lynn McKinney, of the College of Human Science and Services, will be the director; his topic, the lecturers, and other activities of this Colloquium will address Poverty in the nation and region.

The following faculty have been selected to teach Honors Program courses during the 1991/92 academic year. (This list may be incomplete.)

College of Arts & Sciences: Gordon Armstrong (Theatre), Patrick Devlin (Speech), Frank Heppner (Zoology), Don Hermes (Geology), Marjorie Keller (Art), Don Kunz (English), Galen Johnson (Philosophy), James Lewis (Mathematics), Celest Martin (English), Daniel Pearlman (English), Albert Silverstein (Psychology), E.R. Suryanarayan (Mathematics), Susan Vaughn (English), Stephen Wood (Political Science). College of Business: Andrew Laviano (Management). College of Pharmacy: Norman A. Campbell (Pharmacy Administration). Office of the Provost: David Gitlitz (Languages).

D. Foundation Distinguished Visiting Scholar

Dr. Stephen E. Fienberg, Dean of Humanities and Social Sciences and Professor of Statistics at Carnegie Mellon University, presented a lecture, "Counting the People," a critique of the recent national Census, on October 9, 1990. He also addressed a seminar in the Department of Computer Science and Statistics.

E. Endowment and Awards

An additional gift was made to the Honors Program Endowment by Mr. & Mrs. Carroll Brown, in memory of Mrs. Brown's mother, Professor Grace B. Sherrer who gave the first Honors lecture at the University. This year cash awards were made to four outstanding Honors Program students: Peter L. Newcomb, '93; Kim L. Kazan, '92; Julie K. Southworth, '92; and Chris D. Wagner, '91.

F. Visiting Scholars

The Committee received requests totaling \$27,979 for Visiting Scholars presentations for 1990/91. Seventy-six awards were made, totaling \$15,009; these represent a gratifying range of departments, colleges, and disciplines. Although the grants are, of necessity, for small sums, their cultural and intellectual enhancement of the community is considerable. Increased transportation and other costs have encouraged cosponsorship by several departments and groups for speakers with national reputations.

G. National Collegiate Honors Conference

The National Collegiate Honors Council held its annual meeting in Baltimore on October 24-28, 1990; Professor Caldwell (Honors student advisor) and I attended. Good planning, the relatively small scale of the meeting (about 2,000 registrants), a fine range of topics, and a balanced program of faculty and student seminars resulted in a national exchange of useful information about collegiate honors work. We hope to be represented at the Northeast Regional Honors Council meeting in April in Wilmington, Delaware.