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## Curricular Report No. 1979-80-4 From the Graduate Council to the Faculty Senate with Addendum

University of Rhode Island Faculty Senate

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UNIVERSITY OF RHODE ISLAND  
Kingston, Rhode Island

FACULTY SENATE  
BILL

Adopted by the Faculty Senate

RECEIVED  
UNIVERSITY OF R. I.

JAN 16 1980

OFFICE OF THE PRESIDENT

TO: President Frank Newman

FROM: Chairperson of the Faculty Senate

1. The attached BILL, titled Curricular Report No. 1979-80-4 From the Graduate Council to the Faculty Senate with Addendum

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 January 10, 1980.  
(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 January 31, 1980 (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.

January 11, 1980  
(date)

Alvin K. Swonger  
Alvin K. Swonger  
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 Regents \_\_\_\_\_.
- c. Disapproved \_\_\_\_\_.

1/23/80  
(date)

Frank Newman  
President

## b) ADD: The following courses:

CLA 394 Greek Mythology and Religion: Gods and the Universe (1,11,3) Ancient Greek gods and cults. Cosmogony, succession, anthropogony, cosmic catastrophe. Hellenistic and late classical developments in theology and cult practice. Readings in English translation, color slides. (Lec. 3) Cashdollar

CLA 395 Greek Mythology: Gods, Heroes and Humans (1,11,3) The hero in ancient Greek epic and drama. Epic cycles, historical legend, folktale. Hellenistic developments in hero cults. Occult practices. Readings in English translation, color slides. (Lec. 3) Cashdollar

CLA 396 Mythology of the Romans (1,11,3) Ancient Roman gods and cults. Native, Greek and oriental myths and native historical legend in Roman epic, lyric, drama, prose. Syncretism, occultism, astrology. Readings in English translation, color slides. (Lec. 3) Cashdollar

## 3. Department of Mathematics

DELETE: MTH 353 Foundations of Mathematics (1,3)

## 4. Department of Political Science

ADD: PSC 304 Introduction to Public Administration (11,3) An overview of the field of public administration. Consideration will be given to the relationship of public organizations with society. Examination of major administrative theories and their influence upon contemporary organizational environment. (Lec. 3) Pre: Permission of instructor. Murphy

## 5. Department of Zoology

ADD: ZOO 286 Insects, Humans and Disease (11,3) Role of insects, ticks and mites as vectors and as direct agents of diseases in humans; factors affecting the spread of these diseases and their role in our cultural development. (Lec. 3) Pre: BIO 102 or ZOO 111. Not for major credit in BS-Zoology. Hyland

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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 December 10, 1979 and December 17, 1979 and the Graduate Council's Meeting on December 14, 1979, the following matters were considered and are now presented to the Faculty Senate.

## A. Informational Matters

College of Arts and Sciences

## 1. Department of Biochemistry and Biophysics

CHANGE: Prerequisite for BCP 435 to "Pre: One semester each of organic chemistry, physics and calculus (two semester of each recommended)."

## 2. Department of Chemistry

CHANGE: Prerequisite for the following courses:

CHM 431, 432 to "Pre: CHM 112 or 192 and MTH 142."

## B. Curricular Matters Which Require Confirmation of the Faculty Senate

## 1. College of Arts and Sciences

## a. Department of Computer Science and Experimental Statistics

CHANGE: Title, method of instruction, grading method, description, and prerequisite for the following courses:

CSC 491 Directed Study in Computer Science (1 and 11, 1-3) Advanced work in computer science. Conducted as supervised individual projects. Pre: Permission of department. S/U credit. Staff

CSC 492 Special Topics in Computer Science (1 and 11, 3) Advanced topics of current interest in computer science. (Lec. 3) Pre: Permission of department. Staff

CHANGE: Title, method of instruction and grading method for EST 491:

EST 491 Directed Study in Experimental Statistics (1 and 11, 1-3) Advanced work in experimental statistics. Conducted as supervised individual projects. Pre: Permission of department. S/U credit. Staff

CHANGE: Title, number of credits, method of instruction, and description for EST 492:

EST 492 Special Topics in Experimental Statistics (1 and 11, 3) Advanced topics of current interest in experimental statistics. (Lec. 3) Pre: Permission of department. Staff

## b. Department of Dental Hygiene

ADD: DHY 462 Oral Care of the Aging and/or Chronically III (1,3) Practical approach for the health-related professional. Emphasis on recognition of oral disorders, oral health care strategies and principles of prevention for the aged and chronically ill. (Lec., Field Study 3) Pre: ZOO 242 and HCF 220 or permission of instructor. Saunders



## c. Department of Mathematics

ADD: MTH 420 Topics in Foundations (SS,1,3)  
Especially designed for teachers of mathematics. Basic topics of mathematics from an advanced viewpoint, selected from sets, logic, mathematical structures, number theory, geometry. Coordinated with EDC 520 for students taking both concurrently. (Lec. 3) Pre: MTH 142 or permission of instructor. Staff

## d. Department of Music

ADD: MUS 496 Jazz Workshop (SS,1) Intensive study of jazz theory and improvisation; rehearsal and performance of jazz literature. (Workshop 2) Pre: MUS 111 or permission of instructor. Motycka

## e. Department of Zoology

ADD: ZOO 460 Advanced Population Biology (11,3)  
An extension of the seminal views of Fisher, Wright, Haldane, Volterra and Lotka on the biology of populations, especially in the area of genetics, ecology and demography. (Lec. 3) Pre: ZOO 363, MTH 141 and 142. Costantino

## UNIVERSITY OF RHODE ISLAND

## The Graduate School

## CURRICULAR REPORT FROM THE GRADUATE COUNCIL TO THE FACULTY SENATE - Report No. 1979-80-4

At its Meeting No. 191 held December 14, 1979 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 Arts and Sciences

## 1. Department of Physics

## a. Temporary Courses

PHY 566X Experiments and Demonstrations in Solar Energy I,II,1  
A lecture/lab course designed for the practicing science teacher. Many of the methods, experiments and demonstrations in this course can be directly transferable to pre-college science classroom use in solar energy teaching modules. Open only to science teachers. Kirwan and Willis

PHY 567X Experiments and Demonstrations in Nuclear Science II,1  
A lecture/lab course designed for the practicing science teacher. Many of the methods, experiments and demonstrations in this course can be directly transferable to pre-college science classroom use in nuclear science modules. Open only to science teachers. Kirwan and Willis

PHY 568X Experiments and Demonstrations in Fluid Energy II,1  
A lecture/lab course designed for the practicing science teacher. Many of the methods, experiments and demonstrations in this course can be directly transferable to pre-college science classroom use in fluid energy modules. Open only to science teachers. Kirwan and Willis.

PHY 569X Energy Resources and Conservation II,1  
A lecture/lab course designed for the practicing science teacher. Many of the methods, experiments and demonstrations in this course can be directly transferable to pre-college science classroom use in energy resources and conservation. Open only to science teachers. Kirwan and Willis

## II. Matters Requiring Confirmation by the Faculty Senate.

## A. College of Human Science and Services

## 1. Department of Human Development, Counseling and Family Studies

## a. Add (New)

HCF 505 Theories and Issues in Human Sexuality I,3  
Interdisciplinary inquiry into the significance of sexuality in human experience. Historical, cultural and developmental issues in human sexuality. Implications for self understanding. (Lec 3) Pre: Permission of instructor. Blackman

## b. Changes

HCF 530 Family Relations Seminar - description and prerequisite changed to-

HCF 530 Family Relations Seminar II,3  
Intensive study of selected topics such as family theory, contemporary family issues and family therapy. (Lec 3) Pre: HCF 330 or permission of instructor. Staff

2. Department of Physical Education, *Health and Recreation*  
a. Crosslistings

- PED 560 Seminar in Health, Physical Education and Recreation - as HLT 560  
PED 570 Major Health Problems and Curriculum Planning in Health Education - as HLT 570  
PED 591 Special Problems -as HLT 591  
PED 595 Independent Study -as HLT 595  
PED 599 Masters Thesis Research -as HLT 599

3. Department of Education  
a. Add (New)

- EDC 515 Discipline and Youth in Schools I,II, 3  
Seminar for teachers interested in classroom principles and techniques from research on discipline in public secondary schools. Will include dramatic role-playing by participants when feasible.  
(Lec 3) Pre: Teaching certificate or permission of instructor. Purnell

B. College of Nursing  
1. Delete

- NUR 900 Clinical Issues in Advanced Mental Health Nursing

C. College of Arts and Sciences

1. Department of Computer Science and Experimental Statistics  
a. Changes

- CSC 591,592 Problems in Computer Science changed to-  
CSC 591 Directed Study in Computer Science I and II, 1-3  
Advanced work in computer science. Conducted as supervised individual projects. Pre: Permission of department. S/U credit. Staff  
CSC 592 Special Topics in Computer Science I and II,3  
Advanced topics of current interest in computer science. (Lec 3)  
Pre: Permission of department. Staff  
EST 591,592 Problems in Experimental Statistics changed to-  
EST 591 Directed Study in Experimental Statistics I and II, 1-3  
Advanced work in experimental statistics. Conducted as supervised individual projects. Pre: Permission of department. S/U credit. Staff  
EST 592 Special Topics in Experimental Statistics I and II,3  
Advanced topics of current interest in experimental statistics. (Lec 3)  
Pre: Permission of department. Staff

2. Department of Music  
a. Change

- MUS 561 Performance Major - credit change from 6 to- 4 or 6

3. Department of Psychology  
a. Change

- PSY 542 The Exceptional Child - number and description changed to-  
PSY 442 The Exceptional Individual I or II,3  
Theoretical rationales and current applications in understanding and managing the exceptional individual in the school community and institution. Survey of the common and unique aspects of selected exceptionalities with a view toward humanistic realization of the individual's fullest potential. (Lec 3) Pre: Permission of department. Gross

4. Department of Zoology  
a. Add (New)

- ZOO 569 Vertebrate Field Study II, 3-4  
Vertebrate responses to various habitats; species composition; behavioral and physiological interactions; methods of field research; extended field trips. (Lec 1; Lab 6 or 9) Pre: ZOO 466 and permission of instructor. Chipman and Shoop

b. Changes

- ZOO 421 Principles of Taxonomy - changed to:  
ZOO 501 Systematic Zoology I,3  
Species concepts and theories of biological classification. Taxonomic decisions and publication, numerical taxonomy, and review of the rules of zoological nomenclature. (Lec 3)  
In alternate years, next offered 1981-82. Pre: ZOO (BOT) 262 and BOT (or ASC) 352, 254 or 466 recommended. Bullock

D. Graduate School of Oceanography  
1. Changes

- OCG 614 Tides - description, credits changed to:  
OCG 614 Tides I,2  
Generation, propagation and dissipation of ocean tides. Earth tides. Relation between theory and observation. Tidal analysis. (Lec 2) Pre: OCG 501 Wimbush

*Addendum from Report No. 1979-80-3:*

- ZOO 549 Advanced Topics in Neurobiology II,3  
~~Published~~ ~~original~~ papers in selected aspects of neurobiology will be discussed. Representative topics include Role of CA<sup>++</sup>, c-AMP in the nervous system, gating currents, learning at the cellular level, cellular rhythmicity. (Lec/Dls 3) Kass-Simon