

4-19-1979

## The One Hundred and Fifty-Eight Report of the Curricular Affairs Committee

University of Rhode Island Faculty Senate

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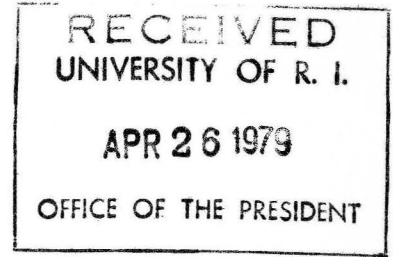
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UNIVERSITY OF RHODE ISLAND  
Kingston, Rhode Island

FACULTY SENATE  
BILL

Adopted by the Faculty Senate



TO: President Frank Newman

FROM: Chairperson of the Faculty Senate

- The attached BILL, titled The One Hundred and Fifty-Eighth Report of the Curricular Affairs Committee

is forwarded for your consideration.

- The original and two copies for your use are included.
- This BILL was adopted by vote of the Faculty Senate on April 19, 1979 (date).
- 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.
- In accordance with Section 8, paragraph 2 of the Senate's By-Laws, this bill will become effective on May 10, 1979 (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.

April 23, 1979  
(date)

Dorothy F. Donnelly  
Dorothy F. Donnelly  
Chairperson of the Faculty Senate

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ENDORSEMENT

TO: Chairperson of the Faculty Senate

FROM: President of the University

- Returned.
- Approved ✓.
  - Approved subject to final approval by Board of Regents \_\_\_\_\_.
  - Disapproved \_\_\_\_\_.

4/27/79  
(date)

F. Newman  
President

UNIVERSITY OF RHODE ISLAND  
Kingston, Rhode Island

FACULTY SENATE

Faculty Senate Curricular Affairs Committee One Hundred and Fifty-Eighth Report

April 3, 1979

At its meetings of March 26, 1979 and April 2, 1979, the Faculty Senate Curricular Affairs Committee considered the following matters now presented to the Faculty Senate:

SECTION I

Informational Matters

A. College of Arts and Sciences

1. Department of Mathematics

a. CHANGE: Description for MTH 109:

MTH 109 Algebra and Trigonometry (I and II,3) Real numbers, notations and operations of algebra, introduction to elementary functions (polynomial, rational, exponential, logarithmic, and trigonometric), analytic geometry. Designed for students who have had one year of high school algebra. (Lec. 3) Not open to students who have had calculus in high school or college, except by permission of the Department Chairperson. Staff

b. CHANGE: Prerequisite for MTH 382 to "Pre: 141 or permission of instructor."

2. Department of Philosophy

CHANGE: Description for the following courses:

\* 1) PHL 103 Introduction to Philosophy (I or II,3) Pursues basic questions as: What is a person? What is knowledge? Are we free? What is moral right and wrong? Does good exist? What is the meaning of death? (Lec. 3) Not open to students who have passed or are taking 104. Staff

2) PHL 312 Ethics (I or II,3) Examination of some major ethical theories. Systematic discussion of moral principles guiding human activities. Application of these theories and principles to issues such as abortion, euthanasia, self-defense, sexuality and suicide. (Lec. 3) Schwarz or Wensch

3. Department of Sociology and Anthropology

Anthropology

C.A.C. #158--79-4-3

a. CHANGE: Prerequisite for the following courses:

- 1) APG 200 by deleting prerequisite;
- 2) APG 309 to "Pre: 203 or permission of instructor."
- 3) APG 315 to "Pre: 203 or permission of instructor."
- 4) APG 319 to "Pre: 201, 202, or 203 or permission of instructor."
- 5) APG 322 to "Pre: 203 or permission of instructor."
- 6) APG 324 to "Pre: 203 or permission of instructor."
- 7) APG 326 to "Pre: 203 or 323 or permission of instructor."

b. CHANGE: Description for the following courses:

- 1) APG 201 Human Origins (I and II,3) The biocultural evolution of humans; review of the fossil record. (Lec. 3) Loy
- 2) APG 202 The Prehistoric Ages of Man (I and II,3) Archaeological perspectives on human biological and cultural development from the Old Stone Age to the Iron Age. Emphasizes prehistoric lifeways, emergence of food production, earliest Old and New World civilizations. (Lec. 3) Turnbaugh
- 3) APG 203 Cultural Anthropology (I and II,3) Anthropological approaches to the study of people and cultures around the world. (Lec. 3) Staff

c. CHANGE: Title, description and prerequisite for APG 301:

APG 301 Comparative Primate Morphology (I,3) Survey of the form and structure of living and fossil primates, including humans. Examination of correlations between morphology and locomotor pattern, feeding ecology, and habitat preference. Laboratory study of primate material. (Lec. 2, Lab. 2) Pre: 201 or permission of instructor. Loy

d. CHANGE: Description and prerequisite for the following courses:

- 1) APG 305 People of East Asia (I or II,3) Survey of traditional and contemporary culture and society in the three main countries (China, Korea, and Japan) of the East Asia culture area. (Lec. 3) Pre: 203 or permission of instructor. Guthrie
- 2) APG 311 Native North Americans (I or II,3) Survey of selected North American Indian groups from before European contact to the present. Modern reservation life; influence of the federal government on Indian life. (Lec. 3) Pre: 203 or permission of instructor. Lynch
- 3) APG 313 The Ethnology of Africa (I or II,3) Studies of Africa's peoples and cultures from prehistoric times to the present. (Lec. 3) Pre: 203 or permission of instructor. Pollnac

\* Pending approval of item A, 2 in Section II

B. College of Human Science and Services

1. Department of Physical Education, Health and Recreation

\*CHANGE: Prerequisite for the following courses:

- 1) PED 362 to "Pre: 263 or permission of instructor."
- 2) PED 364 to "Pre: 263 or permission of instructor."
- 3) PED 384 to "Pre: 263 or permission of instructor."
- 4) PED 386 to "Pre: 263 or permission of instructor."

2. Department of Textiles Clothing and Related Art

CHANGE: Description and prerequisite for TXC 327:

TXC 327 Apparel Design (1 and 11,3) Design principles as applied to contemporary clothing with emphasis on various age groups and special populations. Laboratory experiences concentrate on the creative process and development of illustrative techniques. (Lec. 2, Lab. 2) James

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SECTION II

Curricular Matters Which Require Confirmation by the Faculty Senate

A. College of Arts and Sciences

1. Department of Mathematics

CHANGE: Requirements for B.A. degree in Mathematics:

Bachelor of Arts

Students in this curriculum have the opportunity to tailor a program to suit their individual needs and interests. Each student should meet with his or her advisor to plan a complete program not later than the end of the first semester of the sophomore year. This program, and any subsequent changes in it, must be approved by the advisor and the Department chairperson. The program must contain at least 30 credits in mathematics, and include MTH 141 (3), 142 (3), 215 (3) and 243 (3) as well as two courses at the 400 level.

MTH 107, 108, and 109 are not open to students majoring in mathematics.

2. Department of Philosophy

ADD: PHL 104 Theories of Human Nature (1 or 11,3) An introduction to philosophical inquiry by examining critically some major traditional and contemporary views of human nature as expressed in a variety of religious, literary, scientific and philosophical writings. (Lec. 3) Not open to students who have taken or are taking 103. Staff

\* Pending approval of item B, 2 in Section II

B. College of Human Science and Services

1. Department of Home Management

ADD: HMG 220 to the list of courses under the Home Economics Core.

2. Department of Physical Education, Health and Recreation

CHANGE: Level and number for PED 363 Principles of Athletic Coaching to "PED 263 (363)."

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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 Meeting of April 2, 1979 and the Graduate Council's Meeting of March 23, 1979, the following matters were considered and are now presented to the Faculty Senate.

A. Informational Matters

1. College of Arts and Sciences

Department of Sociology and Anthropology

Anthropology

a) CHANGE: Prerequisite for APG 409 to "Pre: 200 or LIN 201."

b) CHANGE: Title and description for APG 411:

APG 411 Peoples of the Sea (1,3) Examination of human sociocultural adaptation to the seas. (Lec. 3) Pre: 203 or permission of instructor. Pollnac and Poggie

c) CHANGE: Description for APG 412:

APG 412 Primate Behavior and Organization (1 or 11,3) Investigation of the naturalistic behavior and organization of nonhuman primates, and the relationship of primate data to anthropology. (Lec. 3) Pre: 201 or permission of instructor. Loy

2. College of Engineering

Departments of Civil and Environmental Engineering and Ocean Engineering

\*CHANGE: Number for the following courses:

- 1) CVE 407 (or OCE 407) Introduction to Coastal and Ocean Engineering (11,3) to "CVE 406 (or OCE 406)."
- 2) CVE 403 (or OCE 403) Project in Ocean Engineering (11,3) to "CVE 407 (or OCE 407)."

\* No action by Graduate Council - not for graduate credit

3. College of Human Science and Services

Department of Human Development, Counseling and Family Studies

\*\*CHANGE: Prefix and number for CDF 451 Family and the Elderly to "HCF 431."

B. Curricular Matters Which Require Confirmation by the Faculty Senate

College of Arts and Sciences

Department of Mathematics

CHANGE: Level, number, title and description for MTH 335, 336 and prerequisite for MTH 336:

- a) MTH 435 (335) Introduction to Mathematical Analysis I (1,3) Sets and functions, real topology, continuity and uniform continuity, derivatives, the Riemann integral, improper integrals. Detailed proofs emphasized. (Lec. 3) Pre: 243. Staff
- b) MTH 436 (336) Introduction to Mathematical Analysis II (11,3) Sequences and series of functions, implicit and inverse function theorems, topology of Euclidean space, transformation of multiple integrals. Detailed proofs emphasized. (Lec. 3) Pre: 435. Staff

\*\* Approved by the CAC on 2/19/79 and by the Graduate Council on 3/2/79 - inadvertently omitted from the 157th Report of the CAC.

UNIVERSITY OF RHODE ISLAND  
The Graduate School

CURRICULAR REPORT FROM THE GRADUATE COUNCIL TO THE FACULTY SENATE - Report No. 1978-79-9

At its Meeting No. 184 held March 23, 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 Pharmacy

1. Department of Pharmacy  
a. Temporary Course

PHC 542X Drug-Induced Diseases II,2  
Designed to provide the student with information useful for anticipating, preventing, monitoring, and managing specific drug-induced diseases. (Lec 2) Pre: PHC 451 and 452. Staff

II. Matters Requiring Confirmation by the Faculty Senate.

A. College of Engineering

1. Department of Chemical Engineering  
a. Add (New)

CHE 549 Food and Biochemical Engineering III II,3  
Processing of biochemicals with emphasis on protein production, unit operations of protein recovery, immobilized enzyme reactors and hydrocolloid rheology. (Lec 2, Lab 3) Pre: 447 and FSN 431 or permission of instructor. Barnett and Rand

CHE 575 Biochemical Engineering II II,3  
Examines current issues in biochemical engineering with emphasis on developing alternate sources of food energy and chemicals. (Lec 2, Lab 3) Pre: CHE 574 or permission of instructor. Barnett

b. Change

CHE 448 changed to-

CHE 548 Food Engineering II II,3  
A study of methods of concentration used in the food industry for preservation and isolation of products. (Lec 2, Lab 3) Pre: CHE(FSN) 447 or CHE 348 Barnett/Rand

B. College of Arts and Sciences

1. Department of Botany  
a. Add (New)

BOT 538 Ecology of Fungi I,3  
Interactions of fungi with plants, animals, and the environment with emphasis on the role of fungi in the ecosystem. Individual project required. (Lec 1, Lab 4) Pre: 432 or permission of instructor. In alternate years, next offered 1979-80. Koske

b. Changes

BOT 526 Plant Geography renumbered BOT 426

BOT 524 Methods in Plant Ecology - (Lec 3) changed to (Lec 2, Lab 3)

BOT 542 Medical Mycology change from: Fungi pathogenic for man and animals.  
(Lec 2, Lab 2) to read-  
Fungi pathogenic for humans and animals.  
(Lec 1, Lab 4)

BOT 645 Environmental Plant Physiology change from:  
Environmental parameters influencing growth and development of  
the cellular and organismic levels of organization through physio-  
logical control mechanisms. Emphasis on flowering plants.

change to:  
Influence of environmental factors on growth and development at  
organismic and cellular levels. Explanation of effects through  
cellular mechanisms.

c. Deletions

BOT 536 Phytopathological Techniques

BOT 616 Biogeography of Marine Algae

2. Department of Chemistry

a. Change

CHM 691 Special Problems (I and II,2) - credit and prerequisites changed to-

CHM 691 Special Problems (I and II, 1-3) Pre: Permission of instructor

C. College of Pharmacy

1. Department of Pharmacy

a. Add (New)

PHC 663 Pharmacokinetics II,3  
Application of pharmacokinetic principles to the disposition of  
drugs in the body. Includes effect of disease states on drug  
absorption, distribution and elimination. (Lec 3) Pre: MTH 141,  
PHC 338, PCL 442, PHC 662 or equivalent, department permission  
and graduate standing. Greene

b. Deletions:

PHC 552: Advanced Clinical Pharmacy  
PHC 611, 612: Residency in Hospital Pharmacy  
PHC 641, 642: Pharmaceutical Formulations

c. Change

PHC(PCG) 532: Pharmaceutical Sterile Products - changed to-

PHC(PCG) 532 Pharmaceutical Sterile Products II,3  
Manufacturing principles of sterile dose forms and their clinical  
applications. Aspects of sterile products such as fluid balance,  
incompatibilities, microbial contamination, particulate matter are  
discussed. Aseptic and clinical technique is developed. (Lec 2, Lab 3) Mattea

III. 900-Level Courses for Joint Submission by the CAC and Graduate Council.

A. College of Business Administration

1. Department of Marketing

a. Change

\* MKT 332 Sales Management renumbered to MKT 432

2. Department of Management Science

a. Change

\* MGS 458 Advanced Production Management - prerequisite changed from 301 or permission  
of instructor to- Pre: MGS 309 or permission of instructor.

B. College of Engineering

1. Department of Electrical Engineering

a. Change

\* ELE 405 Digital Computer Design - prerequisite changed from- ELE 342 or permission  
of instructor to- PRE: ELE 342 or CSC 311

2. Department of Chemical Engineering

a. Change

\* CHE 447 Unit Operations in Food Industry - title changed to- Food Engineering I

C. College of Arts and Sciences

1. Department of Botany

a. Changes

\* BOT 402 Systematic Botany - Prerequisite changed from Pre: 111 or BIO 102 to-  
Pre: 111 or permission of instructor

\* BOT 418 Marine Botany - change from:  
Field and laboratory study of marine algae, their morphology,  
ecology, and physiology with emphasis on classification and  
use of keys. Pre: 111 or BIO 101 and junior standing

- change to:  
Field and laboratory study of ecology and taxonomy of various  
communities of marine plants, primarily seaweeds and seagrasses.  
Methods of collecting, fixation, herbarium processing, and  
identification. Individual projects required. Pre: 355 or  
permission of instructor. 262 suggested. Alternate years,  
next offered in 1980-81.

\* BOT 419 Freshwater Botany - change from:  
Field and laboratory study of freshwater algae and certain other  
plants, their morphology, ecology, and physiology, with emphasis  
on classification and use of keys. Pre: 111 or BIO 101 and junior  
standing.

change to:  
Field and laboratory study of ecology and taxonomy of various  
communities of freshwater microalgae, macroalgae, and higher  
plants. Methods of collecting, fixation, enumeration, identifica-  
tion, and crop estimation. Individual collections required. Pre:  
355 or permission of instructor. 262 suggested. Alternate years,  
next offered in 1979-80.