

4-19-1979

## Curricular Report No. 1978-79-9 From the Graduate Council to the Faculty Senate

University of Rhode Island Faculty Senate

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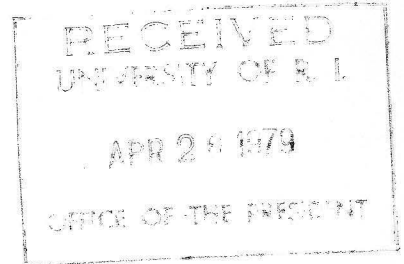
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UNIVERSITY OF RHODE ISLAND  
Kingston, Rhode Island

FACULTY SENATE  
BILL

Adopted by the Faculty Senate



TO: President Frank Newman

FROM: Chairperson of the Faculty Senate

- 1. The attached BILL, titled Curricular Report No. 1978-79-9 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 April 19, 1979 (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 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

- 1. Returned.
- 2. a. Approved  \_\_\_\_\_.
- b. Approved subject to final approval by Board of Regents \_\_\_\_\_.
- c. Disapproved \_\_\_\_\_.

4/27/79  
(date)

F. Newman  
President

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 (I,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 (II,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. 400-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.

REPORT OF AD HOC COMMITTEE ON THE BUDGET PROCESS

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

- \* BOT 432 Mycology - Prerequisite changed from- BIO 101 or 111; 221 or 332 suggested to - Pre: 221 or permission of instructor. 332 suggested.
- \* BOT 445 Advanced Plant Physiology - description changed from- Major areas with emphasis on quantitative and metabolic aspects of plant processes and their relationships to growth.
  - to- Emphasis on quantitative and metabolic aspects of plant processes and their relationships to growth.
- b. Deletions
- \* BOT 417 Field Aquatic Plant Ecology
- \* BOT 421 Advanced Practicum in Aquatic Plant Ecology
- 2. Department of Computer Science
  - a. Change
  - \* CSC 413 Data Structures - Prerequisite changed from - 202, 383, prior or concurrent registration in 382 and MTH 215
    - to- Pre: 240, prior or concurrent registration in CSC 382, MTH 215

\* Included in the One Hundred and Fifty-Seventh Report of the Curricular Affairs Committee (March 6, 1979) approved by the Faculty Senate on March 22, 1979 for inclusion in Undergraduate Bulletin only.

The following is a list of problems identified either in the charge to the Ad Hoc Committee on the Budget Process or subsequently by the Committee itself:

- 1) Faculty do not feel that they have significant enough input into the budget process individually or collectively;
- 2) The University community is largely ignorant of the budget process and there is real need for the development of an ongoing means of informing them both about the workings of the process and about the whys and wherefores of budgetary priorities and allocation decisions;
- 3) A major force in faculty concern is the rapid change to a period of budgetary constraint. In the past, budget development and allocation existed as co-equals. Those halcyon days are over. At present, there is a great deal of resistance on all levels to the "scenario" approach. A contingency plan prepared to meet budgetary constraint is often viewed as potential "wish fulfillment".

The following is a list of recommendations:

- 1) The committee found the "In-House Budget Cycle" to be satisfactory as it applies to budget development. (A copy of the original instruction instituting our annual three year budget development cycle is enclosed. Please note the objectives specifically intended to be met by the process. Also enclosed is a copy of our calendar for the budget development currently in progress for the 1980/81 budget submission due to the Regents during August 1979.) However, faculty should be encouraged to get in on the ground floor of the development process and make their needs known to the department chairperson. Schedules of due dates for operating, staff or capital requests should be publicized well in advance. Furthermore, it is recommended that the calendar showing the key dates affecting all faculty, department heads, deans, and meetings of the Budget Advisory Committee, be published in a shortened form and made available to each individual faculty member.
- 2) It is recommended that individual departments/units establish, from among their membership, a small budget task force to assist the department or unit in analyzing needs/projected requirements and in making recommendations, particularly with regard to priorities in the allocation process. A BTF at the college or department/unit level would stimulate input into the budget formulation process and have the added advantage of advising on imminent and long-range planning. Normally their advice would reach top management through the recommendations of deans and directors, but could be sought or given directly.
- 3) It is recommended that both the character and role of the BAC be altered. At present the BAC has the following make-up:

2/13/79

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Ad Hoc Comm. on the Budget Process  
February 13, 1979

(3) - continued

1 president	3 faculty members
4 vice presidents	3 student members
6 staff members	

It is recommended that the make-up of the committee be altered to the following:

4 faculty members  
3 student members (2 undergrad. and 1 grad.)  
3 staff members (that are not a part of the integral budget process by function; eg. asst. dean, business mgrs.)

2 ex-officio members (who will be the vice pres. for business & finance and the budget director, non-voting)

The president will select a chairman. He will also appoint the three staff members. The faculty senate will appoint the faculty members. The two undergraduate students will be appointed by the student senate, and the graduate student will be appointed by the graduate student association.

The length of service shall be three years staggered terms for the faculty and staff members and two year staggered terms for the students. The revised BAC should serve the following functions:

- a) Review the capital, operating and personnel services budget request as developed in the course of the budget development process and advise the president before final approval and submission to the Regents;
- b) Review and advise the president on supplemental budget priorities and requests;
- c) Review and advise on the allocation or reallocation of resources required for support of new programs or expenditure activities;
- d) Review quarterly presentations of the University's budget status and advise on solutions or reallocation of funds dealing with the potential deficit or surpluses projected for the year;
- e) Review and advise the president on tuition, fees, auxiliary income and any other income.
- f) Review and advise on the final allocation of the operating budget as administrative decisions are made concerning allocations in the period May to June of each budget year.

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(3) - continued

(It is to be noted that the first quarterly report would be delivered to this committee based on operations of the University through September and would thus allow ample time for debate and advice to the president on any corrective actions necessary in the expenditure patterns of the University).

In addition, it is recommended that this BAC be promoted and caused to be recognized by the University community as the means for dealing with perceived inequities regarding budgetary decisions and also be supported as the most direct route for the elimination of such inequities.

To most effectively carry out the above functions, it is recommended that the BAC's meetings be scheduled as an integral part of the budget development process (see attached calendar). In addition, the BAC will hold formal quarterly meetings for the purpose of quarterly budget status review and will meet on the call of its chairperson or any three members of the committee.

- 4) It is recommended that designees from the faculty senate, student senate and graduate student association be invited and regularly attend the meetings at which the quarterly budget status review is presented.
- 5) It is recommended that five copies of the budget request, when finalized for a given fiscal year, and at the time of submission to the Regents, be made available at the University library for use by the University community. (This will be in the NACUBO format as presented to the Regents.)

As a final point, the committee recognizes the faculty's right to dispute budgetary decisions which they perceive as harmful to academic programs. As budgetary constraint becomes a constant in the University community, it is more essential than ever that the aforementioned rights and responsibilities be supported through the development of formal procedures.

Submitted by,

Mike Derois  
Walter Gray  
Richard Katzoff  
A. W. Petrocelli, Chairperson  
Bernard Schurman  
Judith Swift  
Richard Weeks  
Frank White

attachments