

2-23-1984

## Curricular Report No. 1983-84-5 from the Graduate council to the Faculty Senate

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

TO: President Edward D. Eddy

FROM: Chairperson of the Faculty Senate

1. The attached BILL, titled Curricular Report No. 1983-84-5 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 February 23, 1984 .  
(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 on March 15, 1984 (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 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.

February 24, 1984  
(date)

Marguerite Bumpus  
Marguerite Bumpus  
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 \_\_\_\_\_.

2/29/84  
(date)

Edward D. Eddy  
President

UNIVERSITY OF RHODE ISLAND  
The Graduate School

CURRICULAR REPORT FROM THE GRADUATE COUNCIL TO THE FACULTY SENATE - Report No. 1983-84-5

At its Meeting No. 232 held January 27, 1984 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 Pharmacy

1. Departments of Pharmaceutics and Pharmacognosy

a. Add (New)

PHC 665 Pharmacokinetics I,4  
Application of pharmacokinetic principles to drug absorption, distribution, metabolism and excretion. Evaluates both classical compartmental and perfusion model approaches to drug disposition in linear and non-linear systems. (Lec 4) Pre: MTH 141, PHC 327, 328, PCL 442. Alternate years. Birmingham/Gardner

PCG/PHC 645 Manufacture of Sterile Pharmaceuticals II,3  
Principles of the formulation and production of pharmaceutical sterile products at the industrial level. Selection and evaluation of sterilization techniques. Regulatory aspects of sterile product manufacture. (Lec 2, Lab 3) Lausier/Rhodes/Worthen

b. Deletion

PHC 662: Biopharmaceutics

PHC 663: Pharmacokinetics

B. Graduate School of Oceanography

1. Add (New)

OCG 644 Global Paleoclimatology I,3  
Principles of modern climatology, climate dynamics, modelling, and climate indicators with application to the geologic record; Phanerozoic climates and relationships to tectonics, paleogeography and ocean-atmosphere composition. (Lec 2, Sem 1)  
Pre: OCG 510, OCG 540. Alternate years. Arthur

b. Changes

OCG 649: Marine Paleoecology - title changed to: Paleoceanography and Paleoecology

OCG 551: Cenozoic Marine Stratigraphy - credits changed from 2 to 3.

- d. CHANGE: Description and delete prerequisite for SPE 331:

SPE 331 Contemporary Approaches to Prose Fiction (II,3)  
 Oral interpretation of the short story and novel. Contemporary approaches to the oral tradition of story-telling through individual and group performances and written analysis. (Lec. 3) Rice

- e. CHANGE: Prerequisite for SPE 333 by deleting the prerequisite.

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S E C T I O N II

Curricular Matters Which Require Confirmation by the Faculty Senate

College of Arts and Sciences

1. Department of Economics

- a. ADD: ECN 301 Labor Economics (I or II,3) Impact of industrialization on workers; survey of the basic principles of labor market organization and operation; unemployment and remedies; wage determination under union and nonunion conditions. (Lec. 3) Pre: 125, 126. Lardaro

- b. CHANGE: B.A. Curriculum in Economics:

Students selecting this field must complete a minimum of 30 credits in economics, including ECN 125 and 126 (6), 361 (3), 327, 328 (6), and at least one quantitative course (374 (3), 375 (3), 376 (3)).

In addition, at least 15 credits must be completed from economics courses numbered 300 or above. Students may substitute up to six credits from other departments; three credits from statistics (MGS 201 (3), 202 (3), EST 408 (3), 409 (3), or 412 (3)) and three credits from another related course approved by the department chairperson.

Students planning to do graduate work in economics are encouraged to take ECN 375, 376 and at least one semester of statistics.

A total of 120 credits is required for graduation.

2. Department of Zoology

- a. ADD: ZOO 327 Vertebrate Histology (II,3) A study of the normal structure and function of the cells and tissues that compose the organ systems of vertebrates. An introduction to cytochemical and histochemical methods is included. The laboratory experience includes a detailed study of prepared microscope slides of cells and tissues. (Lec. 2, Lab. 2) Pre: One year of biology and one semester of organic chemistry. Goertemiller

C. College of Arts and Sciences

1. Department of Chemistry

a. Add (New)

CHM 504 Physical Methods of Inorganic Chemistry II,3  
Theory and application of numerous experimental techniques used for the elucidation of molecular and electronic structure of inorganic molecules. Primary emphasis is on nuclear magnetic resonance, optical, infrared, Raman and Electron paramagnetic resonance spectroscopies. (Lec 3) Pre: CHM 401 or permission of instructor. Euler

2. Department of Geology

a. Add (New)

GEL 580 New England Geology I,3  
Review of the bedrock geology of New England, and its applications for the Appalachian/Caledonides mountain chain and theories of orogenesis. (Lec 3) Mandatory field trips. Offered fall of odd calendar years. Pre: GEL 104, 370, 321 or permission of instructor. Murray

GEL 571 Structural Petrology II,3  
The evolution of rock fabric as a consequence of deformation and metamorphism. (Lec 2, Lab 1) Offered spring of odd calendar years. Pre: GEL 370, 321 or permission of instructor. Murray

GEL 570 Structural Analysis I,3  
Mapping and geometric analysis of structures in variably deformed terrains. (Lec 1, Lab 4) Offered fall of even calendar years. Pre: 370, 321, 480 or permission of instructor. Murray

3. Department of Biochemistry/Biophysics

a. Crosslisting

PLS 572: Plant Biochemistry as BCP 572

4. Department of Economics

a. Change

ECN 538 International Economics: Theory and Policy - title and description changed to-

ECN 538 International Economics I or II,3  
Theory and evidence on international trade and finance. Includes determinants and welfare effects of foreign trade, international investment, migration, exchange rates, and the balance of payments.

5. Department of Geography and Marine Affairs

a. Changes

GMA 512 Seminar in Marine Science Policy and Public Law - description changed to -  
Examination of the interplay of science, policy, and law in the formulation and implementation of domestic policy in areas such as waste management and the environment.

Change in program requirements for both the Master of Arts in Marine Affairs and the Master of Marine Affairs by substituting GMA 511: Ocean Uses and Marine Sciences, as a required course in place of OCG 401: General Oceanography.

6. Department of Computer Science and Experimental Statistics

a. Deletion

Deletion of "Experimental" from the title of the Master's program in Statistics

D. College of Human Science and Services

1. Department of Physical Education - Request for the addition of Administration as a specialization in the M.S. in Physical Education, with two options, (1) Physical Education Administration and (2) Sport and Recreation Management. The core requirements for the degree remain unchanged.

Rationale: The proposed specialization is designed to prepare the student for careers in the administration of sport, physical education and/or recreation at the public school, business, and agency level. The program is flexible enough to provide both theoretical and practical experience which will meet the needs and interests of the individual student. Students completing the program of studies in Physical Education Administration will become eligible for Rhode Island Certification as a Special-Subject Supervisor in the public schools. Students completing the Sport and Recreation Management option will find career opportunities in sport and recreational settings in business, industry and agency settings.

Outline of Courses:

Department of Physical Education, Health and Recreation M.S. degree  
(Thesis - 30 credits; Non-thesis - 33 credits)

Core Courses Required

PED 510	Current Issues in PEHR	3
PED 530	Research Mth and Design in Health and Physical Edc	3
PED 578	Sport in American Culture	
	or	
PED 581	Psychological Aspects of Physical Activity	3
PED 561	Science in Sport and Exercise	
	or	
562	Advanced Exercise Physiology	
	or	
585	Adapted Physical Activity for Special Populations	3
PED/HLT 591	Special Problems (3 cr)	)
	or	)
PED/HLT 599	Masters Thesis Research (6 cr)	)
		3/6
		15-18

Proposed Specialization:Administration (15-18 credits)

<u>Option A. Physical Education Administration</u>		
**PED 520	(or HLT 570) Cur Construction in PED	3
**PED 550	Administration of Physical Education	3
**PED 552	Supervision of Physical Education and Health Instruction	3
	(Required for those wishing to be certified)	
PED 551	Sport and Recreation Operations (New Course)	3
RCR 485	Planning and Supervising Recreation and Athletic Facilities	3
EDC 572	Cooperative Supervision	3
EDC 503	Education in Contemporary Society	3
PED 595	Independent Study	3

\*\*Required within program of study

**Option B. Sport and Recreation Management**

**PED 551 Sport and Recreation Operations (New Course)	3
**PED 595 Independent Study	3
MGT 530 Management Theory and Practice	2
ACC 510 Financial Accounting	3
**RCR 485 Planning and Supervising Recreation and Athletic Fac	3
MKT 501 Marketing Theory and Practice	2
	<u>16</u>

\*\*Required within program of study

**II. Additional Matter of Information.**

**A. College of Business Administration - Request for an Executive MBA Program**

This request was considered by the Graduate Council as an informational item at its Meeting No. 231 on December 16, 1983. No action was required because the Executive MBA program is the same academic program as the MBA with the same requirements; only the mode of delivery is being changed. The MBA, as offered both at Kingston and Providence, has a series of required courses plus six electives. The College of Business Administration and the College of Continuing Education plan to offer the same set of required courses at the Alton Jones Campus along with six specified electives (which may change from year to year). The essential difference is that the courses will be offered over two calendar years on Fridays and Saturdays at Alton Jones throughout the year plus two four-day weeks in the first and final summers. The total represents some 86 days including from 6 3/4 to 7 1/2 contact hours; the hours and credits have been carefully checked to correspond to regular standards. The course content will be the same; there will be some changes in delivery. There will be an Executive MBA Advisory Board to coordinate topics and assist in planning.

The Executive MBA Program will be a special offering of the MBA Program at the University of Rhode Island. Each year a select group of approximately twenty-five experienced managers will pursue the MBA degree during 86 Fridays and/or Saturdays spread over a two year period.

This Executive MBA Program seeks to broaden experienced executives and to sharpen their existing managerial skills without interrupting their professional careers. This program extends their knowledge of business techniques, quantitative tools, computer applications and their administrative skills. Personal and behavioral skills are developed along with an awareness of the environmental, political and legal forces affecting the participant's work. The objective of the program is to prepare participants for general management positions.

The Executive MBA has these distinctive features:

- . An accelerated program that provides a concise up-to-the minute graduate education for a select group of participants.
- . It brings current, state of the art information on managerial skills, functional areas, and strategic thinking to 20-30 selected executives each year.
- . Both mainframe and micro computers are integral to the program.
- . Educational experiences are tailored to the specific needs of the participants through special seminars, trips, guest lectures and feedback from sponsoring organizations.

- . The program is fully accredited by the American Assembly of Collegiate Schools of Business, recognized by the U.S. Department of Education and the Council on Postsecondary Accreditation as the sole accrediting agency for baccalaureate and masters degree programs in Business Administration.
- . An advisory board oversees the integration of knowledge and skills to ensure maximum learning.
- . Motivation is built through seminars and discussion of current business issues. Since participants are carefully selected and move through the program as a group, participants will learn from each other as well as from the Faculty.
- . The MBA is granted upon successful completion of the accelerated program in 24 months.

**Program and Courses:**

Prerequisites

- Economics 590: Principles of Economics (3 cr)
- Management Science 520: Mathematics for Management (2 cr)
- Management Science 530: Statistics for Management (2 cr)

Required Courses:

- Accounting 610: Financial Accounting (4 cr)
- Management Science 500: Computing for Management (2 cr)
- Management Science 600: Information Systems Concepts (2 cr)
- Management 630: Organizational Theory and Behavior (4 cr)
- Marketing 610: Managerial Marketing (4 cr)
- Business Law 600: Legal Environment of Business (3 cr)
- Finance 601: Financial Management (4 cr)
- Management Science 620: Quantitative Methods for Management (2 cr)
- Management Science 640: Production and Operations Management (2 cr)
- Finance 660: Managerial Economics (3 cr)
- Management 681: Administrative Policy and Decision Making (3 cr)

Seminars:

- Accounting 611: Managerial Accounting (3 cr)
- Finance 671: Seminar in Finance (3 cr)
- Management Science 695: Seminar in Management Science (3 cr)
- Management 695X: Seminar in Management (3 cr)
- Marketing 695: Seminar in Marketing (3 cr)
- Management 696X: Seminar in Management (3 cr)

The per student program fee will be \$10,000. This will include:

- . Instructional costs
- . A book allowance
- . Room, meals and facilities at the Alton Jones Campus (double occupancy for 30 overnights\*)
- . A micro computer (\$2,500 budget allocated to micro-computer hardware/software)
- . All administrative costs

\*Single rooms available for an additional charge of \$300 for the 30 overnights.