

1-24-1991

## Curricular Report No. 1990-91-4 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. 1990-91-4 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 January 24, 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 February 14, 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.

January 25, 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 \_\_\_\_\_.

2/11/91  
(date)

*Edward D. Eddy*  
President

B. Curricular Matters Which Require Confirmation by the Faculty Senate

College of Business Administration

Department of Management Science

- 1) CHANGE: Course codes for the following courses to OMT (Operations Management):
  - a) MGS 458 [prerequisite to "Pre: OMT 309."]
  - b) MGS 460 [prerequisite to "Pre: OMT 309."]
- 2) CHANGE: Course codes for the following courses to MIS (Management Information Systems):
  - a) MGS 483 [prerequisite to "Pre: QBA 207."]
  - b) MGS 484 [prerequisite to "Pre: MIS 483."]
  - c) MGS 485 [prerequisite to "Pre: MIS 483."]
  - d) MGS 486 [prerequisite to "Pre: MIS 483."]
  - e) MGS 488 [prerequisite to "Pre: MIS 483, 484 and 485."]
- 3) CHANGE: Prerequisite for the following courses:
  - a) MGS 445 to "Pre: QBA 202, 207."
  - b) MGS 495 to "Pre: 364."\*\*

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

UNIVERSITY OF RHODE ISLAND  
The Graduate School

CURRICULAR REPORT FROM THE GRADUATE COUNCIL TO THE FACULTY SENATE  
REPORT NO. 1990-91-4

At its Meeting No. 286 held on December 14, 1990, 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 Human Science and Services

1. Department of Education

a. Temporary Course

EDC 592X Fund Raising in Education I,II, 3  
History, research, and practices of professional fund raising in education, the development of fund raising plans, and identification and cultivation of donors. (Lec 3) Pre: Bachelor's degree or permission of instructor. Pezzullo

B. College of Arts and Sciences

1. Department of Marine Affairs

a. Temporary Course

MAF 533X Management of Large Marine Ecosystems II,3  
An examination of large marine ecosystems and their policy and management implication. Consideration of basic concepts and case studies. (Lec 3) Pre: Graduate standing or permission of the department. Alexander/Sherman.

C. College of Resource Development

1. Department of Natural Resources Science

a. Temporary Courses

NRS 522X Advanced GIS Analysis of Environmental Data II,3  
Discussion and application of terrain modeling, spatial statistics, proximity analysis, remote sensing/GIS linkages, and environmental data integration. Emphasis on ecological data at watershed/landscape scales. (Lec 1, Lab 6) Pre: NRS 410 or permission of instructor. August

NRS 534X Ecology of Fragmented Landscapes II,2  
Presentation of the concepts of landscape ecology with emphasis on populations of plants and animals in fragmented habitats. Topics discussed include: habitat corridors, fluxes of energy and species along habitat edges, shape analysis, and stability of populations in habitat patches. (Lec 2) Pre: BOT(ZOO) 262 or permission of instructor. Alternate years. Next offered Spring 1991. August

S E C T I O N II

THE UNIVERSITY OF RHODE ISLAND  
Kingston, Rhode Island

FACULTY SENATE

January 4, 1991

The Two Hundred and Seventy-Third Report  
of the Curricular Affairs Committee

S E C T I O N I

At its meeting of November 5, 1990, the Curricular Affairs Committee considered the following matter now presented to the Faculty Senate for confirmation.

College of Business Administration

Department of Management Science

a. CHANGE: Course codes for the following courses to QBA (Quantitative Business Analysis):

- 1) MGS 001
- 2) MGS 004
- 3) MGS 101
- 4) MGS 102
- 5) MGS 201 [prerequisite to "Pre: QBA 102."]
- 6) MGS 202 [prerequisite to "Pre: QBA 201."]
- 7) MGS 207

b. CHANGE: Course codes for the following courses to OMT (Operations Management):

- 1) MGS 002
- 2) MGS 309 [prerequisite to "Pre: QBA 202 and 207."]
- 3) MGS 310 [prerequisite to "Pre: OMT 309."]
- 4) MGS 311 [prerequisite to "Pre: OMT 309."]

c. CHANGE: Course code for MGS 307 to MIS (Management Information Systems) and prerequisite to "Pre: QBA 207."

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Joint Report of the Curricular Affairs Committee and Graduate Council on 400-Level Courses.

At the November 5 and November 26, 1990 meetings of the Curricular Affairs Committee and the December 14, 1990 meeting of the Graduate Council, the following matters were considered and are now presented to the Faculty Senate.

A. Informational Matters

1. College of Arts and Sciences

a. Department of Sociology and Anthropology

CHANGE: Title and description for APG 400:

APG 400 Evolution, Culture and Human Disease (II, 3) Investigation of the dynamic interrelationships between culture, human disease and evolution. Encompasses study of living peoples as well as our fossil and prehistoric ancestors, and includes infectious and chronic diseases. (Lec. 3) Pre: introductory physical anthropology, biology, or zoology, or permission of instructor. Staff

b. Department of Speech Communication

CHANGE: Prerequisite for SPE 435 and SPE 460 by deleting "permission of instructor."

2. College of Resource Development

Department of Natural Resources Science

\*ADD: NRS 412X Soil-Water Chemistry (II, 3) Reactions of organic chemicals in soil-water systems. Emphasis on properties which determine the behavior and distribution of chemical contaminants in soil and sediments. (Lec. 2, Lab. 3) Pre: 212 and either CHM 101, 102 or 103, 105 or permission of the instructor. Gamerdinger

\*Approved for one offering.

D. College of Engineering

1. Department of Civil and Environmental Engineering  
a. Temporary Course

CVE 576X Nonpoint Source Pollution Monitoring and Modeling II,3  
Nonpoint versus point source pollution. Contributory  
constituents. Effects of land use. Field monitoring strategies.  
Predictive methods (modeling) of nonpoint source pollution.  
Nonpoint pollution effects on waste load allocations. (Lec 3)  
Pre: CVE 575 or permission of instructor. Runge

E. Graduate School of Library and Information Studies  
1. Policy on Non-Matriculating Students

Effective January 1, 1992, no more than six credits or two  
courses may be taken in non-matriculating status for transfer  
into the degree program. Anyone wishing to take additional  
courses in non-matriculating status may do so on a  
space-available basis and with the permission of the instructor;  
however, these credits will not count towards the MLIS degree  
program.

II. Matters Requiring Confirmation by the Faculty Senate.

A. College of Business Administration  
1. Department of Management Science  
a. Changes

MGS 500 Computing for Management -change to QBA 500  
MGS 520 Mathematics for Management -change to QBA 520  
MGS 530 Statistical Methods for Management -change to QBA 530  
MGS 640 Production & Operations Management -change to OMT 640;  
and pre to QBA 530  
MGS 681 Operations Management in Service Organizations - change  
to OMT 681; pre to OMT 640  
MGS 650 Computer Integrated Manufacturing - change to OMT 650;  
pre to OMT 640  
MGS 600 Information Systems Concepts -change to MIS 600; pre to  
QBA 500 or waiver examination  
MGS 605 Business Microcomputer Applications -change to MIS 605;  
pre to MIS 600  
MGS 664 Health Information Systems to MIS 664; pre to QBA 500

MGS 601 Advanced Management Statistics I -change pre to QBA 530  
or waiver examination

MGS 602 Advanced Management Statistics II - change pre to QBA  
530 or waiver examination

MGS 620 Quantitative Methods for Management - change pre to QBA  
500, QBA 520 and QBA 530 or waiver examinations

MGS 630 Management Statistics with SAS -change pre to QBA 500,  
QBA 520 and QBA 530 or waiver examinations

MGS 671 Methods of Business Research -change pre to QBA 530 or  
waiver examination

MGS 684 Mathematical Programming Methods in Management -change  
pre to QBA 500, QBA 520, and QBA 530 or waiver examinations and  
MGS 620

MGS 695 Seminar in Management Science - pre changed to MGS 620

B. College of Pharmacy  
1. Department of Pharmaceutics  
a. Change

PHC 670 Advanced Pharmacokinetics - credits and lec changed from  
1 to 2

C. Labor Research Center  
1. Change

LRS 543 Labor Relations and Collective Bargaining: Public  
Sector- change from Lec 2/Lab 2 to Lec 3

D. College of Resource Development  
1. Department of Natural Resources Science  
Add (New)

NRS 522 Advanced GIS Analysis of Environmental Data II,3  
Discussion and application of terrain modeling, spatial  
statistics, proximity analysis, remote sensing/GIS linkages, and  
environmental data integration. Emphasis on ecological data at  
watershed/landscape scales. (Lec 1, Lab 6) Pre: NRS 410 or  
permission of instructor. August

NRS 532 Conservation Biology II,2  
Examination of the different components of conservation of  
biological diversity. Topics include genetics of small  
populations, minimum viable population sizes, captive  
propagation, reintroduction ecology, and causes of extinction.  
(Lec 2) Pre: BOT(ZOO) 262 or permission of instructor.  
Alternate years. Next offered Spring 1992. August

NRS 534 Ecology of Fragmented Landscapes II,2  
Presentation of the concepts of landscape ecology with emphasis on populations of plants and animals in fragmented habitats. Topics discussed include: habitat corridors, fluxes of energy and species along habitat edges, shape analysis, and stability of populations in habitat patches. (Lec 2) Pre: BOT(ZOO) 262 or permission of instructor. Alternate years. Next offered Spring 1991. August

E. College of Arts and Sciences  
1. Department of Music  
a. Changes

MUS 537 Musical Thought and Expression - title and description

MUS 537 Human Response to Music I,3  
Study of response to acoustics, rhythm, melody, and harmony. Cognitive, psychomotor, and affective behaviors, musical preferences and abilities, learning theory, and the needs of special learners will be included. (Lec 3) Pre: Graduate standing in music. In alternate years. Next offered Fall 1991. Staff

MUS 540 Advanced Principles of Music Education - title and desc.

MUS 540 Foundations of Music Education II,3  
Examination of the broad influences upon music education. Historical, philosophical, sociological, psychological, and curricular foundations. (Lec 3) Pre: Graduate standing in music. In alternate years. Next offered Spring 1992. Staff

MUS 545 Musical Aptitude and Achievement - description

MUS 545 Musical Aptitude and Achievement I,3  
Examination of a wide variety of musical aptitudes and achievements and the ways they may be measured, tested, evaluated, and described. (Lec 3) Pre: Graduate standing in music. In alternate years. Next offered Fall 1992. Staff

MUS 548 Research in Music - description

MUS 548 Research in Music II,3  
Study of research techniques as applied to the art of music. Major project procedures and data collection and examination in the following research categories: historical, philosophical, and empirical. (Lec 3) Pre: Graduate standing in music. In alternate years. Next offered Spring 1991. Staff

2. Graduate School of Library and Information Studies  
a. Changes

Change the number of credits for the Master of Library and Information Studies from 36 to 42.

Change in program requirements: allowing LSC 506: Technical Services as an alternative to LSC 505: Organization of Library Materials in the core curriculum. The new core requirements will read: LSC 501, 502, 503, 504, 505 or 506. This change is effective Fall 1991.

b. Deletion

Delete the Diploma of Advanced Librarianship (DAL).

F. College of Engineering  
1. Department of Civil and Environmental Engineering  
a. Add (New)

CVE 667 Probabilistic Methods in Structural Engineering I or II,3  
Probabilistic applications in structural analysis and design. Statistical models for forces and material strengths. Component and system structural reliability. Random vibration applications in structural engineering. (Lec 3) Pre: Introductory course on Probability and CVE 565 or OCE 522, or permission of instructor. Tsiatas