

9-28-2000

Curricular Report No. 2000-2001 from the Graduate Council to the Faculty Senate

University of Rhode Island Faculty Senate

Follow this and additional works at: https://digitalcommons.uri.edu/facsen_bills

Recommended Citation

University of Rhode Island Faculty Senate, "Curricular Report No. 2000-2001 from the Graduate Council to the Faculty Senate" (2000). *Faculty Senate Bills*. Paper 1574.
https://digitalcommons.uri.edu/facsen_bills/1574

This Legislation is brought to you by the University of Rhode Island. It has been accepted for inclusion in Faculty Senate Bills by an authorized administrator of DigitalCommons@URI. For more information, please contact digitalcommons-group@uri.edu. For permission to reuse copyrighted content, contact the author directly.



Faculty Senate

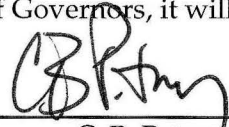
Serial Number #00-01--1

TO: President Robert L. Carothers

FROM: Chairperson of the Faculty Senate

1. The attached BILL, titled Curricular Report No. 2000-2001-1 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 September 28, 2000.
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 September 28, 2000 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.

September 29, 2000
(date)



C. B. Peters
Chairperson of the Faculty Senate

ENDORSEMENT

TO: Chairperson of the Faculty Senate

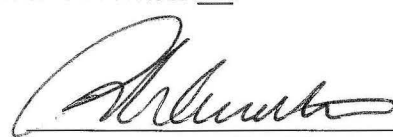
FROM: President of the University

Returned.

- a. Approved
- b. Approved subject to final approval by Board of Governors
- c. Disapproved

10/4/00

(date)



President

UNIVERSITY OF RHODE ISLAND
The Graduate School
CURRICULAR REPORT FROM THE GRADUATE COUNCIL TO THE
FACULTY SENATE:
REPORT NO. 2000-2001-1

At meeting No. 363 held September 8, 2000, 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 Environmental and Life Science

1. Department of Geosciences

a. Temporary Courses:

GEO 582X Innovative Subsurface Remediation Technologies (II, 4) Understanding the concepts and applicability of innovative subsurface remediation technologies. Discussion of advantages and shortcomings of these technologies compared to conventional methods. (Lec) Pre: 483, 484 or NRS 510 or permission of instructor. Boving

GEO 586X Organic Contaminant Chemistry (I, 4) Develop an understanding of the chemical and physical principles, fundamental relationships, and equations that characterize organic contaminants in the hydrosphere. (Lec 3/Lab 2) Pre: GEO 483 or GEO 484X or NRS 510 or permission of instructor. Boving

2. Department of Biochemistry, Microbiology and Molecular Genetics

a. Temporary Course:

BCH (MTC) 545X Basic Neurochemistry (I, II, SS, 3) Electrochemical events associated with synaptic transmission of nerve impulses; functions of G-proteins and second messengers; stimulus-response biochemistry of neurotransmitters. (Lec) Pre: Graduate standing or permission of instructor. Scorpio

B. College of Arts and Sciences

1. Department of Psychology

a. Changes (approved at Mtg. No. 358 but omitted from Curric. Report 99-00-4

Add as a last sentence in the course descriptions for the courses listed below the following sentence:

Counts as a "core course" for graduate study in psychology and includes an historical perspective.

PSY 600 Multicultural Issues in Psychology

PSY 601 Physiological Psychology

PSY 602 Learning and Motivation

PSY 603 Development

PSY 604 Cognitive Psychology

PSY 605 Personality

PSY 606 Social Psychology

PSY 608 Theories and Systems

PSY 609 Perception

C. Courses deleted during the summer under the four-year rule:

BIO 554

~~ENG 530~~

ENG 530

HED 595

TMD 552

II. Matters Requiring Confirmation by Faculty Senate

A. College of Engineering

1. Department of Industrial and Manufacturing Engineering

a. Changes:

IME 500 Network Application in Industrial Engineering - change description to read: Industrial systems problems that can be formulated in terms of network. Critical path method/PERT applications, maximum flow in network, network analysis and synthesis, max-flow and min-cost network. GERT stochastic network modeling and applications.

IME 533 Advanced Statistical Methods for Research and Industry - change description to read: Describing and analyzing data, design of experiments, analysis of variance, regression analysis, and applications in industry and applied science research.

IME 541 - Materials Processing and Metrology II - change title and description to read: IME 541 Advanced Materials Processing Engineering analyses in the processing of materials. Rapid manufacturing fundamentals. Non traditional manufacturing techniques. Dynamic coupling, tool-work-piece interaction, energy and thermal analysis; mechanics of material removal and displacements.

IME 542 Introduction to Computer-Aided Manufacturing - change description and prerequisite to read:

Use of computers in manufacturing. Solid modeling principles and applications. Numerical and adaptive control. CNC programming. Introduction to rapid manufacturing. *(Lec) Pre: IME 240 or permission of instructor.*

IME 545 Manufacturing Systems: Analysis, Design, Simulation - change description and prerequisite to read:

Problems in manufacturing system analysis and design. Quantitative models and simulation methods applied to manufacturing planning, control, scheduling, resource allocation, and decision making in various types of manufacturing systems. *(Lec) Pre: MTH 363 or permission of instructor.*

IME 610 Topics in Applied Queuing Theory - change description to read:

Poisson and Erland queues, embedded chains, M/G/1 and G/M/1 queues, and related topics in queuing theory. Phase type distributions, Markow renewal processes. Analysis of wide variety of queues with an applications orientation.

Change program requirements for the Master's degree program in Manufacturing Engineering to read (changes underlined):

Program requirements: The thesis option requires 30 credits including thesis (six to nine credits); IME 549 or IME 550 or IME 591/592, IME 542 and IME 545; at least three elective courses from at least two of the following areas: fundamentals of manufacturing processes and manufacturing properties of materials, design for manufacture and assembly, quality engineering, simulation, control and optimization of manufacturing systems.

The non-thesis option, for part-time students with department permission, requires 30 credits of course work including IME 542, IME 545 and IME 549 or IME 550 or 591/592. At least 12 credits from at least three of the following areas: fundamentals of manufacturing processes and manufacturing properties of materials, design for manufacture and assembly, quality engineering, simulation, control and optimization of manufacturing systems. A comprehensive examination must also be taken on three of the above areas. IME 240 or equivalent is a prerequisite.

Change program requirements for the Doctoral program in Industrial and Manufacturing Engineering to read (changes underlined):

.....A total of 54 credits of course work are required, including IME 542, IME 545, IME 549 or IME 550 or IME 591/592 and 24 credits from at least three of the following areas: fundamentals of manufacturing processes and manufacturing properties of materials, design for manufacture and assembly, quality engineering, simulation, control and optimization of manufacturing systems. A comprehensive examination must be taken.....

B. College of Environmental and Life Sciences

1. Departments of Geosciences and Natural Resources Science

a. Add (New):

GEO (NRS) 584 Environmental Hydrogeology: Fate and Transport of Contaminants in Groundwater (*II, 4*) Develop an understanding of the physical principles, fundamental relationships, and equations that describe the fate and transport of contaminants in the hydrologic system. (*Lec 3/Lab 2*) *Pre: GEO 483 or CVE 588 or NRS 510 or permission of instructor.* Boving

2. Department of Nutrition and Food Sciences

a. Add (New):

NFS 507 Applied Nutrition I (*I, 1*) Selected topics in applied nutrition with an emphasis on medical nutrition therapy. (*Lec*) *Pre: NFS 444 or permission of instructor.* Greene

NFS 508 Applied Nutrition II (*II, 1*) Selected topics in applied nutrition with an emphasis on community nutrition and foodservice management. (*Lec*) *Pre: NFS 506 or permission of instructor.* Greene

C. College of Pharmacy

1. Department of Applied Pharmaceutical Sciences

a. Change:

Incorporate the Pharmacy Administration M.S. program into the existing Applied Pharmaceutical Sciences M.S. program, creating a third track entitled "pharmacoepidemiology and pharmacoconomics", making the following changes to the admission and program requirements for the M.S. in Applied Pharmaceutical Sciences (changes underlined):

M.S. Admission requirements: GRE and B.S. (pharmacy) or Pharm.D. or equivalent
Program requirements: For the pharmaceuticals track: thesis; written comprehensive examination;.....For the cosmetic science and technology track: thesis; written comprehensive examination;.....from 500- or 600-level pharmaceuticals courses. For the pharmacoepidemiology and pharmacoconomics track: thesis; written comprehensive examination; STA 409 or 411 or equivalent; APS 599, 651, 652, 693, 694.

Ph.D. Program requirements: pharmacoepidemiology and pharmacoconomics track - add 580 to list of core courses; add "health care quality management", "pharmacoconomics" and "managed care pharmacy" to list of suggested concentrations.

b. Delete:

M.S. program in Pharmacy Administration

D. College of Business

1. Management Information Systems

a. Add (New):

MIS 630 Management Systems Analysis and Design (II, 3) An overview of Systems Analysis and Design, and its role in the development of information systems. Major focus is on the methodologies, techniques and tools used to create successful information systems. (Lec) Pre: MIS 600 or permission of instructor. Staff

MIS 635 Database Management Systems (II, 3) Design and analysis of complex multi-user databases used in real time business transaction processing. The class will contain discussion and examination of databases for strategic and tactical purposes. (Lec) Pre: MIS 440 or equivalent or permission of instructor. Staff