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Curricular Report #1987-88-3 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 #1987-88-3 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 December 10, 1987.
(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 December 31, 1987, 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.

December 11, 1987
(date)

Wendy B. Holmes
Wendy B. Holmes
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 _____.

1/3/88
(date)

Edward D. Eddy
President

F. RESOURCES

The Department of Chemical Engineering has determined that the program can be mounted with only minor shifting of present resources available to the department.

G. EVALUATION

Students with a QPA of 2.00 or higher will enter the program from University College on recommendation of the chemical engineering advisor to the Dean of the College of Engineering when they have completed all science, engineering, and mathematics listed for the Freshman Year with a grade point average of 2.00 or higher in these courses. Their progress will be monitored by advisors assigned from the Chemical Engineering Department faculty. The curriculum, its pertinence and effectiveness, will be continuously monitored by the faculty of the Chemical Engineering Department and its undergraduate curricula Committee.

UNIVERSITY OF RHODE ISLAND

The Graduate School

CURRICULAR REPORT FROM THE GRADUATE COUNCIL TO THE FACULTY SENATE - Rpt No. 1987-88-3

At its Meeting No. 261 the Graduate Council considered and approved the following curricular matters which are now submitted to the Faculty Senate for confirmation as indicated.

I. Matters Requiring Confirmation by the Faculty Senate.

- A. College of Business Administration
1. Department of Management Science
a. Change

MGS 640 Production and Operations Management - prerequisite changed to: Pre: MGS 530 or permission of instructor

- B. College of Arts and Sciences
1. Department of Biochemistry and Biophysics
a. Add (New)

BCP 542 Proteins: Purification and Characterization II,3
Use of techniques for protein purification and activity studies. Laboratories involve enzymology, chromatography, investigation of soluble and membrane-bound receptors, gel electrophoresis and silver staining, thin layer electrophoresis and autoradiography. (Lab 6, Lec 1) Pre: BCP 311 or 581 and permission of instructor. Dougherty/Rhoads

2. Graduate School of Library and Information Studies
a. Add (New)

LSC 549 Information Storage and Retrieval I or II, 3
Theory and methods of analysing, storing, and retrieving primarily bibliographic information and their application in libraries and information services. Operation, monitoring, and evaluation of manual and computerized retrieval systems. (Lec 2, Lab 1) Pre: LSC 501. Siitonen

3. Department of Psychology
a. Add (New)

PSY 544 The Psychological Bases for Reading Disorders I or II,3
An in depth review of research on factors related to reading ability. Topics include: linguistic requirements, perceptual and neurological factors, implications for screening and instruction. (Lec 3) Pre: Graduate standing or permission of instructor. Brady

PSY 612 Structural Modeling II,3
Theory and methodology of path analysis with latent variables. Discussion of "causation" and correlation, Confirmatory Factor Analysis, Measurement and Structural Equation models. Practical applications utilizing LISREL, EQS, and PLS computer programs. (Lec 3) Pre: PSY 533 or 610. Harlow/Velicer

b. Changes

PSY 604 Perception and Cognition - title and description changed to -

PSY 604 Cognitive Psychology I,3
A survey of the theoretical and methodological issues in human cognition. Topics include: pattern recognition, attention, memory, language, problem solving. (Lec 3) Pre: Permission of department. Collyer

PSY 610 Factor Analysis - title and description changed to -

PSY/EST 610 Parsimony Methods I,3
Multivariate procedures designed to reduce the dimensionality and help the interpretation of complex data sets. Methods include principal components analysis, common factor analysis, and image analysis. Related methods: cluster analysis and multidimensional scaling. Applications involve the use of existing computer programs. (Lec 3) Pre: PSY 533 or EST 541 or equivalent. In alternate years, next offered in 1988-89. Velicer/Harlow

C. College of Resource Development

1. Department of Community Planning and Area Development
a. Add (New)

CPL 624 Planning Policy and Management in Urban Areas II,3
City planning as applied to urban policy in cities and metropolitan areas. Includes social, economic and physical planning in the context of community development programs and management processes. (Sem 3) Pre: CPL 501, 511, 525 or permission of instructor. Feld

CPL 625 Central City Revitalization and Implementation I,3
Advanced concentration course in central city planning. Focus on the problems of central cities and the causes of these problems. Emphasis on government policies to deal with the problems of the inner city. (Sem 3) Pre: CPL 624 or permission of instructor. Staff

CPL 631 Advanced Planning Studio I,6
Team projects in planning and design; research and program development; field studies and problem analysis in local and state contexts. Development and evaluation of alternative solutions. (Studio/Sem 6) Pre: CPL 630 or permission of instructor. Staff

b. Deletion

CPL 524 Research Methods
CPL 533 Planning and Intergovernmental Relations
CPL 540 Historic Preservation Seminar
CPL 542 Employment Planning
CPL 548 Planning and Capital Improvement Programming
CPL 610 Urbanization of Small Communities
CPL 611 Planning Analysis in Small Communities
CPL 620 Revitalization of Central Cities
CPL 621 Policy Analysis in Urban Areas
CPL 622 Implementation of Urban Redevelopment

c. Redefinition of areas of concentration

To delete the following areas of concentration: Planning for small towns and communities; planning for central cities and their environments; and special studies. To institute three new concentrations in place of the above existing three concentrations: Community revitalization planning, public policy and planning, and environmental planning and design. Each area of concentration requires a three course sequence consisting of a total of 12 credit hours. The proposed concentrations consist of the following courses: Community Revitalization Planning: CPL 624 (3cr), CPL 625 (3cr) and CPL 631 (6cr). (Emphasis on urban revitalization, urban renewal, housing, economic development and planning.) Public Policy and Planning: CPL 543 (3cr); CPL 624 (3cr) and CPL 631 (6cr). (Planning as a public policy process with emphasis on social services, special populations and community development.) Environmental Planning and Design: CPL 545 (3cr); CPL 549 (3cr) and CPL 631 (6cr). (Both planning of the built environment and concern for the environmental impacts of development are provided for combining physical planning with natural resources conservation planning.)

Rationale: To respond to and facilitate student interests in alternative facets of professional community planning practice; to offer concentrations that can be supported by existing curriculum and faculty.

D. Graduate School of Oceanography

1. Add (New)

OCG 930 Workshop in Oceanography Topics for Teachers I and II, 0-3 each
Especially designed for teachers of physical sciences. Basic topics in oceanography from an advanced or pedagogical perspective. (Lec or Lab) Pre: Certified Teacher. Staff