1975

Curricular Report No. 1975-76-1 From the Graduate Council to the Faculty Senate

University of Rhode Island Faculty Senate

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

Recommended Citation
University of Rhode Island Faculty Senate, "Curricular Report No. 1975-76-1 From the Graduate Council to the Faculty Senate" (1975). Faculty Senate Bills. Paper 465.
http://digitalcommons.uri.edu/facsen_bills/465

This Article is brought to you for free and open access by the Faculty Senate at DigitalCommons@URI. It has been accepted for inclusion in Faculty Senate Bills by an authorized administrator of DigitalCommons@URI. For more information, please contact digitalcommons@etal.uri.edu.
TO: President Frank Newman

FROM: Chairman of the Faculty Senate

1. The attached BILL, titled Curricular Report No. 1975-76-1 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 October 23, 1975 (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 November 13, 1975 (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.

   October 24, 1975
   (date)

   W. Donald Rankin
   Chairman of the Faculty Senate

ENDORSEMENT 1.

TO: Chairman of the Faculty Senate

FROM: President of the University

1. Returned.

2. Approved ______ Disapproved ______.

3. (If approved) In my opinion, transmittal to the Board of Regents is not necessary.

   November 10, 1975
   (date)

   F. Newman
   President

Form revised 6/74
ALTERNATE ENDORSEMENT 1.

TO: Chairman of the Board of Regents

FROM: The University President

1. Forwarded.

2. Approved.

______ (date) ______

_________________________ President

ENDORSEMENT 2.

TO: Chairman of the Faculty Senate

FROM: Chairman of the Board of Regents, via the University President.

1. Forwarded.

______ (date) ______

_________________________ (Office)

ENDORSEMENT 3.

TO: Chairman of the Faculty Senate

FROM: The University President

1. Forwarded from the Chairman of the Board of Regents.

______ (date) ______

_________________________ President

Original received and forwarded to the Secretary of the Senate and Registrar for filing in the Archives of the University.

______ (date) ______

Chairman of the Faculty Senate
At its Meeting No. 138 of the Graduate Council which was held on September 26, 1975 the Graduate Council considered and approved (where necessary) 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 Arts & Sciences

1. Department of Economics

(a) Change (in catalog listing to read-)

ECN 575 Introduction to Mathematical Economics I,4
Application of basic quantitative methods to economic analysis. Dynamic and static economic models will be studied with emphasis on obtaining solutions. (Lec 3, Lab 2) Prerequisite: ECN 327, 238 and MTH 141 or permission of instructor. Staff

ECN 576 Econometrics I
II,4 Application of statistics and mathematics to economic analysis. Implication of assumption required by statistical methods for testing economic hypotheses. Current econometric methods will be examined and discussed. (Lec 3, Lab 2) Prerequisite: ECN 575 or equivalent, EST 408 or equivalent, or permission of instructor. Staff

2. Department of Education

(a) Add (New)

EDC 548 The Application of Secondary School Content Area Reading Skills II,3
Teacher participation in planning and implementing a developmental reading approach to subject matter reading areas. Emphasis on teaching reading skills necessary for student understanding of subject area materials. (Lec 3) Prerequisite: EDC 541 and actively teaching. Staff

3. Department of Microbiology

(a) Crosslisting

MIC 535 (or PLP 535) Biodegradation and Biodeterioration I,3

4. Department of Political Science

(a) Temporary Course

PSC 506X Seminar in Fiscal Policy-Making I,3
Intensive study, through major research projects, of concepts in local government finances with emphasis on fiscal management and the budgetary process. (Lec 3) Wirth
5. Department of Zoology
   (a) Change (prerequisite)

ZOO 693, 694  Zoological Problems  I and II, 1-3 each
Special work to meet needs of individual students who are prepared
to undertake special problems. (Lec 1-3 or Lab 2-6) Prerequisite:
Permission of Department Chairman. Staff

Change (In graduate program requirements as listed in the
Graduate School Bulletin)
Delete- listing ZOO 595 as a program requirement for the Master of
Science program and the Doctor of Philosophy program in Zoology.
(All graduate students will still be required to take ZOO 595,
but now other seminar offerings in the Department of Zoology
and related departments are available and serve the purpose
originally intended for ZOO 595.)

6. Department of Computer Science and Experimental Statistics
   (a) Add (New)

A Non-thesis option within the M.S. program in Computer Science.
The Non-thesis option is designed for individuals who have gained substantial
computational experience through employment. The option is intended to increase
the knowledge and proficiency of such individuals in computer science. It will
broaden their theoretical and technical backgrounds rather than provide the
opportunity for research experience as in the thesis option.
Admission Requirements.- Bachelor's degree with a minimum of 18 credit hours in
mathematics, statistics, or computer science including the equivalent of MTH 141,
142, Intro & Intermed Cal with Analytic Geometry; MTH 243, Calculus & Analytic
Geom of Sev Var; MTH 215, Intro to Alg Struc; CSC 311, Machine & Assembly Lang
Prog; and CSC 410, Intro to CSC and Algor Processes. GRE-V, GRE-Q, and GRE-ADV
test in mathematics or undergraduate major field are required for admission.
Program Requirements.- Substantial computational experience obtained through
employment (normally two years). Thirty-three credit hours of course work with
at least 15 credit hours at the 500 level or above as follows: at least 24 credit
hours selected from CSC 412, 413, 500, 502, 512, 515, 525, 535, 551; EST 409, 412.
Up to 6 credit hours of electives (or CSC 491/492, CSC 591/592 provided that
these are conducted as seminar or lecture courses rather than project courses.)
A 3 credit hour seminar (CSC 591). A written library research paper and an oral
presentation of same is required. CSC 411 or equivalent is required, but may not
be counted towards program credit. Written comprehensive examination covering
eight of the courses selected from CSC 412, 413, 500, 502, 512, 515, 525, 535,
551; EST 409, 412.

B. College of Engineering
   1. Department of Ocean Engineering
      (a) Temporary Courses

OCE 611X  Coastal-Zone Processes     I,3
Near shore coastal circulation, and dispersion processes.
Wave refraction, reflection, and diffraction for beach
erosion and protection application. Design approaches for
marine effluent outfalls. Water Level fluctuations pheno-
mena to include tides, storm surges, and wind setup. Pre-
requisite: OCE 610 or approval of instructor. Spaulding

OCE 612X  Numerical Modeling of Coastal Processes II,3
Numerical modeling of coastal circulation, temperature, water
quality and mass transport by finite difference, and finite
element techniques. Use of models for siting of industrial waste
discharges. Prediction techniques for hazardous material spill
motion, storm surges, wave refraction and sediment transport.
Prerequisite: OCE 610 or approval of instructor. Spaulding