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

University of Rhode Island Faculty Senate

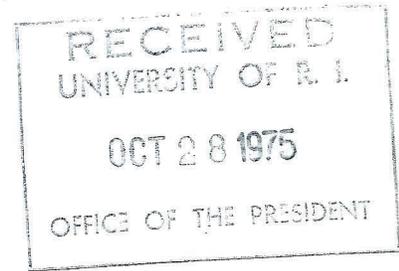Follow this and additional works at: https://digitalcommons.uri.edu/facsen_bills

UNIVERSITY OF RHODE ISLAND
Kingston, Rhode Island

FACULTY SENATE
BILL

Adopted by the Faculty Senate

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_____   ____W. Donald Rankin____
            (date)   W. Donald Rankin
                                          Chairman of the Faculty Senate

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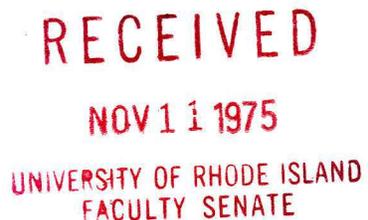
ENDORSEMENT 1.

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.

    ____Nov 10, 1975____   ____F. Newman____
            (date)   President

(OVER)

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

UNIVERSITY OF RHODE ISLAND
The Graduate School

CURRICULAR REPORT FROM THE GRADUATE COUNCIL TO THE FACULTY SENATE - REPORT NO. 1975-76-1

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 per-
mission of instructor. Staff

ECN 576 Econometrics I   II,4
Application of statistics and mathematics to economic
analysis. Implication of assumption required by stat-
istical methods for testing economic hypotheses. Cur-
rent 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 596 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 596.

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 Alge 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 phen-
omena 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