1971

Report #70-71-11 Curricular Report

University of Rhode Island Faculty Senate

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TO: President Werner A. Baum

FROM: Chairman of the Faculty Senate

1. The Attached BILL, titled Report #70-71-11 Curricular Report

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 71-5-20 

4. After considering this bill, will you please indicate your approval or disapproval. Return the original or forward it to the Board of Trustees, 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 71-6-10 (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 Trustees for their approval; or (4) the University Faculty petitions for a referendum. If the bill is forwarded to the Board of Trustees, it will not become effective until approved by the Board.

71-5-21

(date)

Chairman of the Faculty Senate

ENDORSEMENT 1.

TO: Chairman of the Faculty Senate

FROM: President of the University

1. Returned.

2. Approved

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

(date)

President

Form approved 11/65
ALTERNATE ENDORSEMENT 1.
TO: Chairman of the Board of Trustees.
FROM: The University President
1. Forwarded.
2. Approved.

(date)

President

ENDORSEMENT 2.
TO: Chairman of the Faculty Senate
FROM: Chairman of the Board of Trustees, 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 Trustees.

(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. 84 on April 30, 1971, the Graduate Council considered and approved (where necessary) the following curricular matters which are now submitted to the Faculty Senate for information or confirmation as indicated.

I. Matters Requiring Confirmation by the Faculty Senate:

A. Graduate School of Oceanography
   a. Add (New)

OCE 545 Geomagnetism and Paleomagnetism Semester I 3 credits
   The description of the past and present magnetic fields of the Earth. The principles, methods, and results of the application of paleomagnetism to diverse geological, geophysical, and paleontological problems. The course will consist of lectures and seminars. Prerequisites: Phys 213 and/or 214 and Math 142 and/or 243 and/or 244 and some geology, Glgy 103 and/or 104, or permission of the instructor.

B. College of Engineering
   1. Departments of Mechanical Engr & Applied Mechanics & Chemical Engr.
      a. Add (New)

MCE 515 (or CHE 515) Combustion Semester II 3 credits
   A study of combustion phenomena including chemical reactions and kinetics, ignition and quenching, flame propagation, detonation waves, propellant combustion; applications to heat engines, propulsion devices, the control of unwanted fires, and pollution due to combustion. Lec 3 Prerequisite: MCE 342 & 354 or CHE 313 & 342 or 344 or equivalent. Conta

C. College of Business Administration
   1. Department of Business Education & Office Administration
      a. Change (title, description & graduate credit to be allowed) As Follows:

BED 428 Coordinating and Developing Curriculum for Cooperative Vocational Business and Distributive Education
   Duties of the coordinator: selecting training agencies, developing job analysis, selecting and briefing the training supervisor, selecting and working with advisory committee, utilizing other community resources. Principles and problems in the construction of the high school and post-secondary school cooperative vocational and distributive education curriculums. (Lec 3) Prerequisite: senior standing and permission of department. Staff

D. College of Arts & Sciences
   1. Department of Economics
      a. Add (New)

ECN 401 Poverty in the United States Semester I or II 3 credits
   Economic analysis of the determinants and distribution of poverty in the United States. Evaluation of social welfare programs and various other proposals for the elimination of poverty. (Lec 3) Prerequisites: ECN 123 or 126 or permission of instructor.
ECN 402 Urban Economics
Semester I or II 3 cr
Analysis of selected economic problems of urban areas. Development of methodological approaches through discussion of policy issues. (lec 3)
Prerequisites: ECN: 123 or 126 or permission of instructor.

ECN 538 International Economics: Theory & Policy Semester I or II 3 credits
Theory of International trade and applications to current problems.
(Lec 3) Prerequisites: ECN: 427 and 428 or permission of instructor.

ECN 539 Welfare Economics Semester I or II, 3 credits
Welfare criteria; conditions of optimality; causes of non-optimality and implied correctives; alternative social decision-making techniques.
(Lec 3) Prerequisites: ECN 427 and 428 or permission of instructor

2. Department of Sociology & Anthropology
   a. Add (New)
   APG 402 Methods of Anthropological Inquiry Semester I or II, 3 credits
Study of the logic, techniques, and problems associated with obtaining true information in anthropological inquiry. Problems associated with anthropological field work and use of cross-cultural data. Lec 3 Prerequisite: APG 203 and two 300 level courses in Anthropology or permission of the Department. Foggie

   APG 470 Problems in Anthropology Semester I & II, 3 credits
Staff guided study and research offered as a seminar or individual program. Lec 3 or Lab 6 Prerequisite: Permission of the Department. Staff

   SOC 420 Sociology of the Environment Semester II 3 credits
Analysis of sociological and political factors in environmental deterioration. Ideological roots of the ecological crisis; issues in the administration of pollution control; patterns of conflict and cooperation in case studies of environmental pollution; organization and internal divisions of the ecology movement; and the problem of priorities in ecological planning. Lec 3
Prerequisite: Soc 202 or APG 203 or permission of the instructor. Needleman

   b. Deletion
   SOC 494 : Theory and Methods of Sociological Research (on the condition that SOC 301 is approved)

3. Department of Bacteriology & Biophysics
   a. Add (New)
   BPH 595, 596 Seminar Semester I & II 1 credit each
Presentation of papers on selected subjects in Biophysics. Lec 1
Required of all graduate students in biophysics. Staff

   b. Deletion
   BAC 544 Bacterial Metabolism
   BAC 546 Bacterial Metabolism Laboratory
(BAC 541-544 are being combined so that students will have time to take new courses in bacteriology and to eliminate duplication. BAC 546 area is adequately
covered under BAC 491, 492 and 691, 692)

c. Change (to read as follows)

BAC 541  Physiology of Bacteria  Semester I, 4 credits
Study of bacterial structure and function, including growth, nutrition,
environmental factors, metabolism, biosynthesis, and energy-yielding
reactions. Lec 3, Lab 3. Prerequisite: BAC 201, 2 semesters of organic
chemistry and 1 semester of biochemistry. N. Wood

BAC 593, 594  The Literature of Bacteriology  Semester I & II 1-2 each
Thorough study of original literature of some phase of bacteriology. Written
abstracts or papers on assigned topics are discussed in weekly conferences
with instructor. Lec 1-2) Staff

4. Department of Political Science
   a. Add (New)

PSC 483  Political Process: Policy Formulation and Execution  Sem I or II 3cr
Examines inter-relationships of policy development and administration with
particular attention devoted to participants in the process. Focus on specific
activities of the executive branch and on government policies that affect the
structure, composition, and function of the bureaucracy. Prerequisite:
Permission of the instructor. Lec 3 Grossbard.

PSC 503  Problems in Public Personnel Administration  Sem I or II 3 credits
Development of personnel administration, including problems of recruitment,
examination, promotion and staffing within public service. Emphasis on
evaluation of employee performance and collective bargaining in public service.
Prerequisite: Graduate standing or permission of the department. Lec 3
Grossbard

5. Department of Physics
   a. Change (to read as follows)

PHY 420  Introduction to Thermodynamics and Statistical Mechanics  Sem II 3 cr
Emphasis on the laws of thermodynamics and the properties of thermodynamic
systems, kinetic theory of gases, molecular velocity distributions, transport
phenomena, Maxwell Boltzmann statistics. Lec 3 Prerequisite: PHY 112 or 214,
MTH 141 and 142. Staff

6. Department of Music
   a. Change

MUS 441: Special Projects. Music Education to be added as an area for research
or other creative work under this course.
CURRICULAR REPORT FROM GRADUATE COUNCIL TO FACULTY SENATE

At its Meeting No. 85 on May 7, 1971, the Graduate Council considered and approved (where necessary) the following curricular matters which are now submitted to the Faculty Senate for information or confirmation as indicated.

I. Matters Requiring Confirmation by the Faculty Senate.

A. College of Pharmacy
   I. Department of Pharmacy
      a. Add (New)
   1. PHC 501 Drug Information Pertaining to Institutional Pharmacy Practice
      Semester I 3 credits
      A discussion and evaluation of drug information sources, and how to use these
      sources. The course also includes the methodology of establishing and main-
      taining drug information services. Lec 2, Practicum 3) Jeffrey & Staff

   2. PHC 552 Advanced Clinical Pharmacy Semester II 3 credits
      An in depth study of clinical pharmaceutical methods and the applications of
      these methods in the clinical environment on rounds and in conferences.
      (Lec 1, Lab 6) Prerequisite: Pharmacy 451. Jeffrey, Gallina & Staff.

   3. PHC 611, 612 Residency in Hospital Pharmacy Semester I, II 6 credits each
      The residency consists of 2,000 hours of training and practice, under supervision,
      in the hospital pharmacy as prescribed and accredited by the American
      Society of Hospital Pharmacists. Jeffrey, Gallina and Fish.

   4. PHC 662 Biopharmaceutics Semester II 3 credits
      A study of Pharmacokinetic principles as applied to absorption, metabolism, and
      excretion of drugs from finished dosage forms. Includes oral, parenteral,
      topical and sustained release forms. (Lec 3) Prerequisite: Pharm 384.
      In alternate years next offered 1971-72. Gerrauhgy, Paruta, & Gallina.

   b. Change
   5. PHC 625, 626: Hospital Pharmacy Administration
      Credits to be changed to two (2) credits each from the current three (3) credits
      each.

B. College of Arts & Sciences
   I. Department of Physical Education
      a. Add (New)
   6. PED 543 Outdoor Recreation and Education Semester I or II 3 credits
      An investigation of the present scope and significance of the present-day
      outdoor recreation and education movements and an examination of current
      ideas and practices. Leathers (Lec 3)