1966

Committee on Curricular Affairs (30th report0 Part II, B, 1, and C, 2, courses changes in the college of Arts and Sciences and Engineering

University of Rhode Island Faculty Senate

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UNIVERSITY OF RHODE ISLAND
FACULTY SENATE

BILL

Adopted by the Faculty Senate

TO: President Francis H. Horn

FROM: Chairman of the Faculty Senate

1. The Attached BILL, titled Committee on Curricular Affairs (30th report)
   Part II, B, 1, and C, 2, course changes in the college of Arts and
   Sciences, and Engineering,
   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 May 19, 1966
   (date).

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 June 9, 1966 (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.

   ________________________________  ________________________________
   May 23, 1966                                Elizabeth W. Cranfield
   (date)                                            /s/
   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 Trustees is
   not necessary.
   ________________________________  ________________________________
   May 25, 1966                                Francis H. Horn
   (date)                                            /s/
   President

Form approved 11/65
ALTERNATE ENDORSEMENT 1.

TO: Chairman of the Board of Trustees.

FROM: The University President

1. Forwarded.

2. Approved.

(date) /s/ President

ENDORSEMENT 2.

TO: Chairman of the Faculty Senate.

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

1. Forwarded.

(date) /s/ (Office)

ENDORSEMENT 3.

TO: Chairman of the Faculty Senate.

FROM: The University President.

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

(date) /s/ President

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

May 26, 1966

(date) /s/ Elizabeth G. Candell

Chairman of the Faculty Senate
B. From the College of Arts and Sciences

1. Department of Chemistry

a. Upnumber Chem. 35 to 135, and change description as follows:

135 (35), Advanced Physical Chemistry Semester I, 3 credits

Special emphasis on quantum theory and structure of matter. Topics will include: development of the Schrödinger equation, potential barrier problems, harmonic oscillator, hydrogen atom, variational principle, perturbation theory, helium atom and hydrogen molecule. Designed for chemistry majors and chemical engineers. (Lec. 3) Prerequisite: Chem. 32, Math. 44.
b. Add (new)

Chem. 104 Advanced Inorganic Chemistry Laboratory
Semester II, 2 credits
Physical methods of analysis and interpretation of the data obtained. Representative compounds will be prepared and their properties investigated. (Lec. 1, Lab. 3) Prerequisite: Chem. 102

2. Department of Physical Education

Add (new):

110M Adaptive and Corrective Physical Education
Semester I, 3 credits
A general introductory survey course in which the student investigates selected physical, intellectual, and emotional impairments that necessitate adaptations in programs of physical education. (Lec. 3) Prerequisite: Senior standing or permission of department.

3. Department of Physics

a. Delete Physics 46, Physical Meteorology Semester II, 3 credits

b. Add (new):

Physics 146 Introduction to Atmospheric Physics
Semester I, 3 credits
The application of basic classical physics to the study of atmospheric processes. (Lec. 3) Prerequisite: Physics 2 or 4.

Astronomy 148 Introduction to Astrophysics Semester II, 3 credits
The application of photometry and spectroscopy to the study of stellar composition, structure and evolution. Radio astronomy and the structure of our galaxy. Energy production in stars and galaxies. Observational cosmology. (Lec. 3) Prerequisite: Physics 2 or 4. Astronomy 48 is recommended but not required.

4. Department of Speech and Theatre

Add (new):

Speech 24 Intercollegiate Debating Semester I and II, 1 credit ea.
Intercollegiate tournament debating. Open to those students who are actively engaged in the intercollegiate debate and forensics program. May be repeated for a maximum of 4 credits. Prerequisite: permission of the Director of Forensics.

C. From the College of Engineering

Establish a new Department of Ocean Engineering.
(continued)

2. Add (new):

M.E. 250 Theory of Continuous Media  
Semester I, 3 credits  
A basic course for first year graduate students which develops and unifies the laws of mechanics as applied to the behavior of continua. Application to solids and fluids. (Lec. 3) Prerequisite: permission of instructor

D. From the College of Nursing

1. Delete Nurs. 9, The Teaching Role of the Nurse Practitioner  
Semester I, 1 credit

2. Change course numbers, titles, descriptions, credits, etc., as follows: (Old course numbers are indicated in parentheses)

Nurs. 10 (1) Professionalism and Nursing - Semester I, 2 credits  
Social influences promoting the growth of a profession. The criteria of a profession, relationship to nursing. Educational philosophy of the College of Nursing. Patterns of education and practice in nursing. Group work orientation. (Lec. 1, Lab. 4)

Nurs. 11 (2) Health and Illness  
Semester II, 2 credits  
Components and interdependence of physical and emotional health. The psycho-social impact of illness on individuals and families; the significance of the nurse-patient relationship. National and international health needs and resources. Integration of behavioral concepts. Selected experiences in nurse-patient relationships provided. (Lec. 1, Lab. 4)

Nurs. 28 (3) Fundamentals of Nursing  
Semester I, 4 credits  
Basic course designed to develop an understanding of application of science principles in the practice of the profession of nursing; emphasis on meeting basic body needs of people. (Lec. 2, Lab. 8) Prerequisite: Nurs. 11.

Nurs. 29 (4) Care of the Adult  
Semester II, 6 credits  
Emphasis on further development of nursing skills using the problem-solving approach. Under close supervision, students plan and carry through care of patients who present major health problems. Understanding the patient, his family and the community, is fostered through contact with hospital interdepartmental personnel and community agencies. Group discussions and self-evaluation increases the student's understanding of herself and her patients. (Lec. 5, Lab. 4) Prerequisite: Nurs. 28 and Pharm. 25

Nurs. 30 (4) Care of the Adult  
Semester II, 6 credits  
Continuation of Nursing 29 (4) Care of the Adult. (Lec. 4, Lab. 8)