1967

Committee on Curricular Affairs -- 37th Full Report -- Parts II A, D, E, F -- Course and Curriculum Changes -- Colleges of Arts and Sciences, Oceanography, Pharmacy

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, "Committee on Curricular Affairs -- 37th Full Report -- Parts II A, D, E, F -- Course and Curriculum Changes -- Colleges of Arts and Sciences, Oceanography, Pharmacy" (1967). Faculty Senate Bills. Paper 71.
http://digitalcommons.uri.edu/facsen_bills/71

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 Francis H. Horn

FROM: Chairman of the Faculty Senate

1. The Attached BILL, titled Committee on Curricular Affairs -- 37th Full Report -- Parts II A, D, E, F -- Course and Curriculum Changes -- Colleges of Arts and Sciences, Oceanography, Pharmacy 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 March 16, 1967.

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 April 6, 1967, 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.

March 28, 1967
(signed)
William P. Fennelly
Chairman of the Faculty Senate

ENDORSEMENT I.

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.

March 30, 1967
(signed)
President

Form approved 11/65 (over)
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)  

     (Office)  

     /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.

     (date)  

     /s/ Chairman of the Faculty Senate
At its meeting on February 23, 1967, the Faculty Senate Committee on Curricular Affairs considered the following matters, which are now submitted to the Faculty Senate for information or confirmation.

I. MATTERS OF INFORMATION

A. At the request of the Chairman of the FSCCA, Dr. F. Don James, Academic Vice-President and a member of the CCA, has furnished the following statement regarding the status of the Contemporary Problems course required of all students in the General Education Program of the University:

"... the President will, within the next few days, appoint a committee to develop the Contemporary Problems Course that will be required of all students as a part of the General Education curriculum. The committee will be instructed to have the course ready for presentation to the Curricular Affairs Committee and the Faculty Senate by the end of this calendar year so that it may be offered in the 1968-69 academic year.

"Since the General Education requirements went into effect with the Class of 1969, all Seniors in the 1968-69 academic year will be required to take the course. The plan is for students to take this course in their Junior or Senior year and this option will be available to the classes of 1970 and later."

B. From the College of Arts and Sciences

Change course description for

Speech 11, Principles of Voice and Diction
  Semester I or II, 3 credits

C. From the Graduate School of Oceanography

Change time distribution for:
Oceanography 201, Physical Oceanography
  Semester I, 3 credits

Oceanography 221, Chemical Oceanography
  Semester I, 3 credits

Oceanography 261, Biological Oceanography
  Semester I, 3 credits
II. MATTERS REQUIRING CONFIRMATION OF THE FACULTY SENATE (All items come via the Graduate Council, where concerned)

A. From the College of Arts and Sciences

1. Department of Geology

   a. Revise the undergraduate Bachelor of Arts curriculum in Geology to read:

      Geol. 8 Physical Geology 3
      Geol. 21 Historical Geology 3
      Geol. 110 Mineralogy 4
      Geol. 115 Petrology 3
      Geol. 124 Invertebrate Paleontology 3
      Geol. 130 Introduction to Stratigraphy and Sedimentation 3
      Geol. 142 Structural Geology 3
      Geol. 150 Geomorphology 3

      In addition to the Physics and Chemistry requirements prerequisite to the above courses, students must complete Geography 1 (Physical Geography) and one complete year of mathematics.

   b. Revise the undergraduate Bachelor of Science curriculum in Geology to read:

      In addition to the general requirements for the Bachelor of Science degree (p. 54) students must also take an approved Statistics course and the following courses.

      Geol. 100 Seminar 1
      Geol. 101 Seminar 1
      Geol. 110 Mineralogy 4
      Geol. 115 Petrology 3
      Geol. 124 Introduction to Paleontology 3
      Geol. 130 Introduction to Stratigraphy and Sedimentation 3
      Geol. 142 Structural Geology 3
      Geol. 150 Geomorphology 3
      Geol. 162 Special Problems 3
      Geol. Approved Summer Camp 4
      \[ 28 \]

      Fifteen credits which constitute an integrated group in Earth Science must be selected from the following courses in consultation with the faculty adviser:

      Geol. 12 Economic Geology
      Geol. 140 Field Geology
      Geol. 170 Introduction to Geophysics
Geol. 225 Animal Micropaleontology
Geol. 226 Plant Micropaleontology
Geol. 231 Sedimentation
Geol. 232 Stratigraphy
Geol. 251 Crystallography
Geol. 255 Igneous Petrology
Geol. 256 Metamorphic Petrology
Oceanog. 230 Geochemistry
Oceanog. 241 Geological Oceanography
Oceanog. 242 Petrography of Marine Sediments
Oceanog. 243 Seminar in Deep Sea Geology
Physics 212 Topics in the Physics of the Earth

Some of the fifteen credits required above should be taken in the following areas. Courses must be numbered above general requirements and have direct application to Earth Science.

Chemistry  Geology  Engineering  Oceanography
Mathematics  Geography  Statistics  Botany
Physics    Total credits required 134

2. Department of Languages

Add (new):

Classics 1: Masterpieces of Greek Literature
Semester I, 3 credits

A study of the representative genres of the Greek classics in translation. (Lec. 3)

Classics 2: Masterpieces of Roman Literature
Semester II, 3 credits

A study of the representative genres of the Roman classics in translation. (Lec. 3)

3. Department of Mathematics

Add (new):

Math. 135, Introduction to Real Analysis I
Semester I, 3 credits

Math. 136, *Introduction to Real Analysis II*

Semester II, 3 credits


Math 144, *Introduction to Partial Differential Equations*

Semester I, 3 credits


Math. 145, *Introduction to Ordinary Differential Equations I*

Semester I, 3 credits

Linear equations, Wronskian. Legendre equation, Euler equation and Bessel equation. Linear equations with regular singular points. (Lec. 3) Prerequisite: Math 44.

Math. 146, *Introduction to Ordinary Differential Equations II*

Semester II, 3 credits


Math. 225, *Topology I*

Semester I, 3 credits

Topological spaces, separation properties, connectedness, compactness, uniformities. Function spaces, spaces of continuous functions and complete spaces. (Lec. 3) Prerequisite: Math. 43 or equivalent.

Math. 226, *Topology II*

Semester II, 3 credits


4. Department of Physics

a. Revise the undergraduate Bachelor of Science curriculum in Physics as follows:

1) Delete Chemistry 23, Organic Chemistry, 3 credits, from the first semester, sophomore year.

2) Delete Industrial Engineering 13, Materials Processing Laboratory, 1 credits, from the first semester of the junior year.
c) Reduce the number of credits required from 143 to 139.

b. Add (new):

Physics 100, Atomic and Nuclear Physics for High School Teachers of Science
Summer Session, Term I, 1967, only, 4 credits
The background necessary for an understanding of the general principles and theories of modern atomic and nuclear physics. The course will provide, in addition to lectures and demonstrations, laboratory experiences arranged to meet the needs of the individual student. Opportunities will be offered for observation of current research activities both on campus and at the State nuclear reactor in Narragansett. (Loc. 3, Lab. 1)

5. Department of Speech and Theatre

Add (new):

Speech 120, Directing the Forensics Program
Summer Session, Term I, 1967, only, 3 credits
Problems involved in developing the individual's ability to direct an academic program in forensics on either the high school or university level. The Rhode Island High School Summer Speech Institute will serve as a laboratory.

6. From the Faculty of the College

Approve the use of Classics 1 and/or 2 to fulfill the requirement in the college of Arts and Sciences for courses in English literature between 2 and 100, where required. (Request originated by the Department of Languages.)

B. From the College of Business Administration

1. Establish a Department of Finance and Insurance.

2. Establish a Department of Business Education and Office Administration.

C. From the College of Engineering

Change the name of the Department of Mechanical Engineering to Department of Mechanical Engineering and Applied Mechanics.

- 5 -
D. From the Graduate School of Oceanography

1. Renumber Oceanography 1 to:

Oceanography 100 (1), General Oceanography
Semester I, 3 credits

Survey course in the major discipline in oceanography including geological, physical, chemical, and biological aspects integrated into a conceptual approach to the sciences of the sea. (Lec. 3) Prerequisites: at least one laboratory course in a physical or biological science and junior standing or above.

Semester II, 3 credits

Survey course in the major discipline in oceanography including geological, physical, chemical, and biological aspects integrated into a conceptual approach to the science of the sea. Choice of elementary or secondary workshop. Lab. 2 hours a week: Wednesday, 10-12, Elem.; Friday, 10-12, Sec. Lecture Monday, Wednesday, Friday, 9-10, Crawford 221. Prerequisites: at least one laboratory course in a physical or biological science and junior standing or above.

Ocean. 244, Thermodynamics of the Earth's Interior
Semester II, 3 credits

Review and application of thermodynamics to geological problems. Crystal-melt equilibria, phase transitions, hydration reactions; coprecipitation laws and fractionation processes; effect of the geothermal and pressure gradients, convection. Prerequisite: Geol. 8 and a course in thermodynamics such as Chem. 133, or Phys. 121 or Ch. E. 13 & 14 or M.E. 51 or permission of instructor.

Ocean. 293, 294, Special Studies
Semesters I or II, 1-4 credits each

Studies of specialized topics in the marine sciences. (Lec., Lab., TBA). Staff.

E. From the College of Pharmacy

Renumber Pharm. Ad. 105 and 106 to

Pharm. Administration 205 (105), Pharmacy Personnel Administration
Semester I, 2 credits

Pharm. Administration 206 (106), Pharmacy Retailing
Semester II, 4 credits

F. From the Committee on Curricular Affairs

Approve the use of Classics 1 and/or 2 to fulfill the literature option of the Humanities requirement in the University General Education requirements (1966 Catalog, P. 33).