1967

42nd CCA Report

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, "42nd CCA Report" (1967). Faculty Senate Bills. Paper 32.
http://digitalcommons.uri.edu/facsen_bills/32

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.
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 Course authorizations and changes from the College of Arts and Sciences, and the College of Engineering; approval of the Master of Arts degree in Spanish, and Ph. D. in Mathematics; approval of changes in the M. A. and M. S. graduate programs in Psychology.

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 December 14, 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 January 4, 1968, 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.

December 19, 1967

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.

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.

(date) /s/ Chairman of the Faculty Senate
At its regular meeting on November 29, 1967, the Faculty Senate Committee on Curricular Affairs considered the following matters, which are now submitted to the Faculty Senate for information or for confirmation.

I. MATTERS OF INFORMATION

A. From the Faculty Senate Committee on Curricular Affairs.

The CCA, with the approval of the Graduate Council, wishes to clarify a procedural matter in that henceforth authorization for one or more departments to offer programs leading to advanced degrees and authorization for one or more departments for the degrees themselves be processed through the appropriate academic college agencies, in the same way that courses and curriculum changes are presently handled.

B. From the College of Engineering.

1. Department of Electrical Engineering

a. Addition to general prerequisite statement, 1967 Catalog, p. 170, "Some circuits and fields prerequisites may be waived for EE 191, 192, 205, 288, and 289 for students with suitable background."

b. Cross-listing of:

   EE 205 (CS 205), Design of Switching Circuits I.

c. Description changes in:

   EE 351, 352, Feedback Control Systems I, II.

d. Prerequisite change in EE 352.

2. Department of Mechanical Engineering

a. Change prerequisite from ME 58 to ME 158 for:

   ME 135 (35), Power Plants
   ME 143, Rocket Propulsion
   ME 258, Heat Transfer

b. Change prerequisite from ME 74 to ME 174 for:

   ME 231, Reliability Analysis and Prediction
   ME 377, Fatigue Failure and Fracture Mechanics

c. Change prerequisite from 64 to 164 for:

   ME 264, Advanced Vibrations
3. Department of Ocean Engineering
   a. Cross-listing of:
      CE 264 (OE 264), Marine Structural Design
   b. Description change in:
      OE 351, 352, Advanced Design

II. MATTERS REQUIRING CONFIRMATION OF THE FACULTY SENATE

A. From the College of Arts and Sciences

1. Department of Education
   a. Add (new):
      
      Educ. 266, Curriculum Development in Vocational-Technical and
      Extension Education Semester I or II, 3 credits
      Principles and processes involved in the basic concepts in ef­
      fecting vocational-technical and extension education programs.
      Emphasis is given to planning, execution, and evaluation. (Lec.
      3) Prerequisite: Ed. 205 or permission of department.

      An examination of the adult as a learner with emphasis on the
      factors that affect adult learning. (Lec. 3) Prerequisite: Ed.
      12, and 264 or permission of department.

2. Department of Languages
   a. Renumber to the 100 level, to read:
      
      Linguistics 179, 190 (79, 80), Introduction to the Study of
      Language

   b. Add (new):
      
      French 210, Contemporary French Novel Semester I, 3 credits
      Intensive study of major novelists with emphasis on trends in
      philosophies and in techniques: Gide, Mauriac, Malraux, Sartre,
      Camus, and representatives of the nouveau roman. (Lec. 3)

      French 215, Contemporary French Theatre Through 1950
      Semester I or II, 3 credits
      Survey of important dramatistics and metteurs en scene from
      Symbolism and Realism through 1950. (Lec. 3)

      French 223, The Tragic Theatre of the Seventeenth Century
      Semester I, 3 credits
      The French tragic theatre in the Seventeenth Century, with par­
      ticular attention to the works and influence of Corneille and
      Racine. (Lec. 3)
French 224, The Comic Theatre of the Seventeenth Century  Semester I, 3 credits
The French comic theatre of the Seventeenth Century, with particular attention to the works and influence of Molière. (Lec. 3)

French 255, The Theatre of the Eighteenth Century  Semester I, 3 credits
Study of the theatre of the Eighteenth Century, with emphasis on the dramatic works of Regnard, LeSage, Marivaux, Voltaire and Beaumarchais. (Lec. 3)

Ital. 131, 132, Italian Literature of the Middle Ages  Semesters I and II, 3 cr. ea.
Intensive study of Italian literature in the medieval period, with special emphasis on Dante's minor works. (Lec. 3) Prerequisite: Italian 4. In alternate years, next offered 1968-69.

Ital. 183, 184, Italian Literature of the Twentieth Century  Semesters I and II, 3 cr. ea.
Special attention to principal literary movements of the century as illustrated by leading writers of the period. (Lec. 3) Prerequisite: Italian 4. In alternate years, next offered 1969-70.

Ital. 187, 188, LaDivina Commedia  Sem. I and II, 3 cr. ea.
Analysis and interpretation of Dante's outstanding work from the social, religious, philosophical and political viewpoints of the Middle Ages. (Lec. 3) Prerequisite: Italian 131 and 132 or permission of the Department. In alternate years, next offered 1969-70.

c. Approve the degree of Master of Arts, with a major concentration in Spanish, contingent upon approval of graduate courses such as those anticipated in the proposal.

RATIONALE

The Master's degree has become a necessity for anyone wishing to make a career of secondary school teaching. The Professional Secondary Certificate for Teachers in Rhode Island requires a Master's degree of thirty-six hours of approved study beyond the Bachelor's Degree. It is particularly important in language teaching that the graduate study be in subject matter. The general level of secondary school teaching in this area can be improved only when the teachers continue beyond the training that can be given in the limited number of hours available for preparing an undergraduate language major. The additional training improves oral and aural mastery, and written style, and broadens and matures the understanding of the cultural heritage of the Hispanic world.

Outside the teaching profession, both government and commerce give preferential status to people with advanced degrees where they need personnel who not only control the language but under-
stand the history, tradition and attitudes of non-English speaking people with whom they must deal.

Areas of Specialization Within the Degree:

1. Spanish Literature
2. Hispanic-American Literature
3. Literature of the Spanish-Speaking World

REQUIREMENTS

1. The basic requirements for admission and completion of the M.A. in Spanish shall comply with those of the Graduate School.

2. Candidates accepted for the M.A. in Spanish shall be either natives of a Spanish speaking country or shall have completed an undergraduate major in Spanish or its equivalent.

   a. If an applicant for the M.A. program in Spanish has not had 12 undergraduate hours in Spanish literature or its equivalent, he shall be required to make up this or other deficiencies before presenting himself for the Qualifying Examination.

   b. If an applicant for the M.A. program in Spanish has not had an adequate background in linguistics, he shall be required to make up this deficiency by taking Linguistics 179 for no program credit previous to presenting himself for the Qualifying Examination.

3. All candidates for the M.A. in Spanish must take the Graduate Seminar Spanish 391 and 7 additional 3-credit courses open to graduate students in Spanish.

4. All candidates for the M.A. in Spanish must present a satisfactory thesis for which 6 hours' credit will be given.

3. Department of Mathematics

   a. Add (new):

   Math 229, Functional Analysis I
   Semester I, 3 credits
   Brief version of real and complex analysis. Hilbert and Banach spaces; main notions and some application to analysis. Topics from the theory of linear operators. (Lec. 3) Prerequisite: Math 136 or equivalent.

   Math 230, Functional Analysis II
   Semester II, 3 credits
   Topological vector spaces, locally convex topological vector spaces. Duality. Application to a special topic as theory of distribution or spectral theory. (Lec. 3) Prerequisite: Math 229.
Math 245, 246, Ordinary Differential Equations I, II
Sems. I and II, 3 cr. ea.

Math 335, 336, Selected Topics in Real Analysis I, II
Sems. I and II 3 cr. ea.
Advanced topics of current research in real analysis will be presented with a view to expose the students to the frontiers of the subject. (Lec. 3) Prerequisite: Permission of the Department.

Math 344, 345, Selected Topics in Differential Equations I, II
Sems. I and II, 3 cr. ea.
Advanced topics of current research in differential equations will be presented with a view to expose the students to the frontiers of the subject. (Lec. 3) Prerequisite: Permission of the Department.

Math 359, 360, Selected Topics in Applied Mathematics I, II
Sems. I and II, 3 cr. ea.
Advanced topics of current research in applied mathematics will be presented with a view to expose the students to the frontiers of the subject. (Lec. 3) Prerequisite: Permission of the Department.

Math 391, 392, Special Topics I, II Sems. I and II, 3 cr. ea.
Advanced topics of current research in mathematics will be presented with a view to expose the students to the frontiers of the subject. Prerequisite: Permission of the Department.

Math 399, Mathematics Colloquium Sems. I and II, No credit
Current topics in various fields of mathematics, given by special lecturers. Prerequisite: Permission of the Department.

b. Approve program of graduate studies leading to and authorize the granting of the Doctor of Philosophy degree with a major concentration in Mathematics.

RATIONALE: (Summary)

1. More bachelors people desiring doctorates, together with more employers seeking persons with the doctor's degree in mathematics, have increased the pressure for a doctoral program.

2. No state-supported institution of higher learning in the State of Rhode Island offers a program at the Ph. D. level in mathematics.
3. The offering of training in mathematics at the Ph. D. level is the responsibility of the Department of Mathematics of the University of Rhode Island.

4. The qualifications of the faculty members of the Department of Mathematics make possible the fulfillment of these responsibilities.

5. The institution of this graduate program will be a catalyst to the present undergraduate program.

6. Graduate programs of other departments at the University of Rhode Island will benefit by the existence of this new program.

Areas of Specialization:

Candidates whose primary interest is in pure mathematics will ordinarily take most of their subjects in the Department of Mathematics. Candidates primarily interested in applied mathematics may take some engineering courses and scientific courses related to research in applied mathematics, in addition to their studies in mathematics.

Requirements:

The candidate for a degree of Doctor of Philosophy in Mathematics shall meet all the general academic requirements of the Graduate School of the University of Rhode Island. The course requirements are as follows:

A. Each graduate student, regardless of his specialty, is required to take eight core courses (24 credits) at the 200 level in the areas of Analysis, Functional Analysis, Algebra, and Topology.

B. Each student must take complementary 100 level courses sufficient to correct any deficiencies in his preparation. These courses will carry no credit toward the degree requirements.

C. Each student must take six courses (18 credits) in his area of specialization. At least four of these courses (12 credits) will be at the 300 level.

D. Each student must take four elective courses (12 credits) in any department, with the approval of his program committee.

E. Each student must take seminars, totaling 12 credits.

F. Each student must take all the mathematics colloquiums while he is in residence, with no credit.
G. Each student is required to take two foreign languages, one of which must be chosen from French, German, and Russian. The other language will be determined by the department relevant to his field of specialization.

Summary

A. Core courses, common to all specialties 24 credits
B. Complementary courses no credits
C. Courses in the area of specialization 18 credits
D. Elective courses 12 credits
E. Seminars 12 credits
F. Mathematics Colloquium no credits
G. Languages no credits

Remark:

In fulfilling these requirements, courses of the same number and name, given in different years, or different sections of courses of the same number and name, may be considered different courses, if approved by the Department and only in case they are numbered 291 or above. This remark recognizes the fact that these courses, by their very nature, have content varying every year and from instructor to instructor.

4. Department of Psychology

a. Approve changes in the M. A. and M. S. degree and/or programs of graduate study in Psychology:

1) The M. A. Program.

a) The Degree to be an M. A. in Psychology, rather than in either General or Clinical Psychology as before.

b) Rationale

(1) At the M. A. level, departments do not, as a rule, offer more than the one M. A. degree. Emphasis is upon academics and any "area" degree is misleading.

(2) Certain agencies have restrictions in supporting "service" oriented programs (e.g., NSF). Up to now the descriptive material about our program has led to some confusion on the part of review people. The proposed change helps to bring the department more appropriately in line with such ground rules.

c) The Program: Core requirements:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>210, 300, 301, 310, 330, 331</td>
<td>18 hours</td>
</tr>
<tr>
<td>370, 371, 373, 391-2 (plus others)</td>
<td>6 hours elective</td>
</tr>
<tr>
<td>TOTAL</td>
<td>30 hours</td>
</tr>
</tbody>
</table>
2) The M. S. Program.

a) The M. S. Program in Clinical and School Psychology to become a 2-year - 45 credit course of study, rather than a 2-year - 60 credit course of study, as before.

b) Rationale:

(1) Our "service" programs have been built upon the need to provide an optimal experience balance in practicum settings and academic work. The 60-hour, 2-year program has proved to be unnecessary, as well as creating an undue burden for the student.

(2) By reducing the program to 45 hours, we help our students to mobilize their efforts around more central issues - rather than sap their effectiveness through insisting upon inappropriate diversity of coverage. Our goal thus becomes depth rather than breadth. The proposal also will help to make an effective distinction and separation between doctoral studies (4 years - 90 credits) and the M. S. program. Without such distinction we could be creating a professional-ethical problem of turning out under-qualified graduates who, because of their credits, attempt to obtain levels of certification which would be inappropriate and inconsistent with their actual skills.

(3) The Program:

<table>
<thead>
<tr>
<th>M. S. Clinical</th>
<th>Required Core</th>
<th>M. S. School</th>
</tr>
</thead>
<tbody>
<tr>
<td>(if not had as undergraduate)</td>
<td>(120)</td>
<td>(if not had as undergraduate)</td>
</tr>
<tr>
<td></td>
<td>210</td>
<td>301</td>
</tr>
<tr>
<td></td>
<td>331</td>
<td>350</td>
</tr>
<tr>
<td></td>
<td>351</td>
<td>351</td>
</tr>
<tr>
<td></td>
<td>353</td>
<td>354</td>
</tr>
<tr>
<td></td>
<td>355</td>
<td></td>
</tr>
<tr>
<td>(no credits)</td>
<td>(372)</td>
<td>(no credits)</td>
</tr>
<tr>
<td></td>
<td>24 credits</td>
<td></td>
</tr>
<tr>
<td>electives: 21 credits</td>
<td></td>
<td>electives: 9 cr. educ.: 12 cr.</td>
</tr>
<tr>
<td>Elective pool: 132, 240, 370, 371, 373, 391-2, plus others</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total credits: 45 hours</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
B. From the College of Engineering

1. Department of Industrial Engineering
   a. Delete from the catalog and the curriculum:
      1. E. 18, Problems in Industrial Engineering
   b. Change the curriculum:
      1) Substitute for 1. E. 18:
         One 3-credit professional elective
      2) Increase graduation requirements from 134 to 135.