1968

50th Curricular Affairs Committee Report and Addenda

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 ______ 50th Curricular Affairs Committee Report and ______ 
Addenda 

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 19, 1968.

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 9, 1969, 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 23, 1968  
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.  

12/30/68  
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/

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 December 5, 1968, the Faculty Senate Curricular Affairs Committee considered the following matters which are now submitted to the Faculty Senate for information or confirmation as indicated.

I. MATTERS OF INFORMATION (for further details, consult the chairman of the department concerned.

A. Changes in course number resulting from Senate action of March 21, 1968:

"That the course number 300 (and 301, in a few special cases where a two-semester sequence of instruction is desirable) be used for courses limited to graduate student enrollment, which might or might not carry 'registration' credit, but which do not carry 'program' credit toward a degree."

(changes in number only)

1. Change Community Planning 300 to 341.
2. Change Community Planning 301 and 302 to 303 and 304, respectively.
3. Change Food and Resource Economics 301 to 302.
4. Change Library Science 301 to 305.
5. Change Physics 301 to 305.
6. Change Plant Pathology-Entomology 301 to 311.
7. Change Political Science 301 and 302 to 232 and 324, respectively.
8. Change Textiles and Clothing 301 to 305.

B. Other informational changes.

1. From the College of Arts and Sciences

   a. Department of Music. Music 91 to 94 to include concert chorus, change description to read:

   Music 91 to 94 Ensemble  Semester I and II, 1 cr. each  Performance of literature for orchestra, band, chorus, concert chorus and small (chamber) ensemble. Registration open to any qualified student by audition or consent of the instructor. Registration numbered consecutively and lettered to designate the organization. (Example: 93A indicates third semester of orchestra; 91B, first semester band; 94D, fourth semester concert chorus, etc.). (Lec. 1) STAFF
b. Department of Philosophy. Change title and description of Philosophy 151 to read:

Philosophy 151 Symbolic Logic Semester I, 3 credits
Selected topics in modern symbolic logic including calculus of propositions, predicate calculus, and modal logics. Attention will be given to philosophical and mathematical aspects of the subject. (Lec. 3). STAFF

II. MATTERS REQUIRING CONFIRMATION BY THE FACULTY SENATE.

A. From the College of Agriculture

Department of Food and Resource Economics. 
Reinstate F and RE 303 to read:
F and RE 303 Advanced Studies Semester I and II, 3 credits 
Application of economic theory to resource problems (Lec. 3). STAFF.

B. From the College of Arts and Sciences.

Department of Botany
Change number only of Botany 23 to 123 (Grad. #50).

C. From the College of Business Administration

1. Department of Management

a. Add (new)

1) Management 176. Management System Semester II, 3 credits
Analysis A study of the interrelation and integration of the systems in management, and an analysis of the framework of optimization of the system objective relative to its environmental constraints. (Lec. 3). Prerequisite: Senior standing in the QBA program or permission of instructor. (Grad #51)

2) Q.B.A. 165,166 Management Science I,II Semester I and II 3 credits each
Q.B.A. 165: An analysis of the mathematical and statistical models used in decision-making in management. Deterministic and probabilistic models are both discussed, and various applications to business are stressed. Q.B.A. 166: Continuation of Q.B.A. 165. (Lec. 3) Prerequisite: Stat. 2 and Q.B.A. 63. STAFF (Grad. #51).

3) Statistics 175. Bayesian Statistics Semester I, 3 credits in Business
A study of Bayesian decision theory as based on the concept of utility and personalistic interpretation of probability, and an application of Bayesian inference to decision-making under uncertainty. (Lec. 3) Prerequisite: Q.B.A. 166 or permission of instructor. STAFF (Grad. #51).

2. Add the following new Curriculum in Quantitative Business Analysis:
### Freshman

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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<tbody>
<tr>
<td>English 1</td>
<td>3</td>
</tr>
<tr>
<td>History 3</td>
<td>3</td>
</tr>
<tr>
<td>QBA 1</td>
<td>3</td>
</tr>
<tr>
<td>QBA 7</td>
<td>2</td>
</tr>
<tr>
<td>Science Elective</td>
<td>3 or 4</td>
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<tr>
<td>Elective</td>
<td>1</td>
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<tr>
<td>Phys. Ed. 1M or 1W</td>
<td>1</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>16 or 17</strong></td>
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### Sophomore

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<tbody>
<tr>
<td>Accounting 1</td>
<td>3</td>
</tr>
<tr>
<td>Economics 25</td>
<td>3</td>
</tr>
<tr>
<td>Management 3</td>
<td>3</td>
</tr>
<tr>
<td>QBA 63</td>
<td>3</td>
</tr>
<tr>
<td>Statistics 1</td>
<td>3</td>
</tr>
<tr>
<td>Elective</td>
<td>1</td>
</tr>
<tr>
<td>Phys. Ed. 3M or 3W</td>
<td>1</td>
</tr>
<tr>
<td><strong>Total</strong></td>
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</table>

### Junior

<table>
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<th>Course</th>
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<tbody>
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<td>Mkt. Mgt. 23</td>
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</tr>
<tr>
<td>Liberal Elective</td>
<td>3</td>
</tr>
<tr>
<td>QBA 165</td>
<td>3</td>
</tr>
<tr>
<td>Humanities Elective</td>
<td>3</td>
</tr>
<tr>
<td>Professional Elective</td>
<td>3</td>
</tr>
<tr>
<td>Elective</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>18</strong></td>
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</tbody>
</table>

### Senior

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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<tbody>
<tr>
<td>Business Law 33</td>
<td>3</td>
</tr>
<tr>
<td>Liberal Elective</td>
<td>3</td>
</tr>
<tr>
<td>Statistics 175</td>
<td>3</td>
</tr>
<tr>
<td>Professional Elective</td>
<td>3</td>
</tr>
<tr>
<td>Liberal Elective</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>15</strong></td>
</tr>
</tbody>
</table>

#### Required Non-Business Credits: 40-42
- Non-Business Elective Credits: 21-21
- Total Non-Business Credits: 61-63

#### Required Business Credits: 47
- Business Elective Credits: 15
- Total Business Credits: 62-62

#### Elective Either Credits: 7
- Total Credits: 130-132
3. Department of Finance and Insurance

Delete:

Insurance 101. Insurance Administration.
(FSCAC ff-61; Grad. #52).

D. From the Curriculum in Community Planning and Development

Add (new)

Community Planning 300. Research Semester II, 2 credits. Methodology.
Lecture and seminars on the philosophy, conduct, and reporting of research, and on the types of design and methodology appropriate to a variety of planning problems. Recent research techniques, including computer mapping. Selection and critique of problem and design in preparation for thesis development. Lectures and seminars to meet the needs of individual students in planning. (Lec. 3). Prerequisite: an elementary statistics course and permission of the instructor. Nash. (Grad. 35).

E. From the College of Engineering.

Department of Industrial Engineering.
Add (new)

I.E. 250, 251. Advanced Topics in Operations Research Semester I and II, 3 credits each
Research I, II.
An exploration of nondeterministic problems in machine and manpower scheduling, production and storage inventory systems, applied industrial queueing, capital equipment replacement theory, and other industrial systems with random characteristics. (Lec. 3). Prerequisite: Math. 156 and permission of the instructor. Staff.
Comment: these two courses were first approved (Grad. #49, FSCAC #60) as Topics in Applied Stochastic Processes I and II, and appeared as such in the forty-eighth report of this committee to the Senate. As a result of question brought forth in the Senate concerning the title, content, and description of these courses, they were returned to the FSCAC for further study. The title and description of the courses were changed and the request for cross-listing with Experimental Statistics was dropped in attempts to avoid controversy. One member of the Department of Industrial Engineering and one from the Department of Mathematics discussed the courses fully before the FSCAC on Dec. 5. As a result of this discussion the FSCAC was satisfied that a reasonable effort had been made to eliminate the major differences of view regarding the applied nature of these courses, the degree of overlap or duplication with other existing courses and their appropriate position in the offerings of a professional department. The FSCAC recommends approval of the revised course proposals (changes from the original proposals were considered to constitute "informational" changes which would not influence prior action by other approving agencies).
III. Additional Matters Requiring Confirmation by the Faculty Senate. These matters were considered at a continuation of FSCAC meeting #62 held on Dec. 12, 1968. Committee action on these items will be circulated as an addendum to the agenda.

A. From the College of Arts and Sciences.

1. Department of Philosophy

a) Add (new)

Philosophy 230 The Philosophy of Plato Semester I, 3 credits
A study of selected dialogues from the later period. Particular attention will be given to the areas of metaphysics, epistemology, cosmology, and ethics. (Lec. 3). Alternate years. STAFF (Grad. 50)

Philosophy 231 The Philosophy of Aristotle Semester I, 3 credits
A study of selected texts with emphasis on the major concepts of his metaphysics, theory of knowledge, and ethics. (Lec. 3). Alternate years. STAFF (Grad. 50).

Philosophy 240 The Philosophy of Augustine. Semester II, 3 credits
An examination of the philosophical background of Augustine's thought and of his doctrines of knowledge and reality with reference to his influence on the subsequent philosophical development in Medieval and Modern Thought. (Lec. 3) Alternate years. STAFF (Grad. 50).

Philosophy 241 The Philosophy of Aquinas Semester II, 3 credits.
A critical examination of the major contribution of Aquinas to metaphysics, epistemology, and philosophical psychology. (Lec. 3) Alternate years. STAFF (Grad. 50).

Philosophy 260 The British Empiricists Semester I, 3 credits
Intensive analysis of the work of one or more of the British Empiricists: Locke, Berkeley, or Hume. (Lec. 3). Alternate years. STAFF (Grad. 50).

Philosophy 261 The Continental Rationalists Semester II, 3 credits
Intensive analysis of the work of one or more of the Continental Rationalists: Descartes, Spinoza or Leibniz. (Lec. 3). Alternate years. STAFF (Grad. 50).

Philosophy 270 The Philosophy of Immanuel Kant Semester I, 3 credits
Intensive analysis of major texts. Special attention will be given to the Critique of Pure Reason. (Lec. 3). Alternate years. STAFF (Grad. 50).

Philosophy 280 Nineteenth Century Philosophy Semester II, 3 credits
Intensive analysis of the work of a major philosopher or philosophical movement. Attention will be given to such major figures as Hegel, Kierkegaard, C. S. Pierce, or James. The specific subject changes from year to year. (Lec. 3). Alternate years. STAFF (Grad. 50).
Philosophy 281 Twentieth Century Anglo-American Philosophy  
Semester I, 3 credits  
Intensive analysis of the work of one contemporary British or  
American philosopher or philosophical movement. The specific  
subject changes from year to year. (Lec. 3). Alternate years.  
STAFF. (Grad. 50).

Philosophy 290 Contemporary European Philosophy  
Semester II, 3 credits  
Intensive analysis of the works of selected representatives of  
such schools as neo-Kantianism, phenomenology, neo-positivism,  
neo-Hegelianism, historicism, and vitalism. (Lec. 3). Alternate  
years. STAFF (Grad. 50).

Philosophy 251 Philosophical Logic  
Semester I, 3 credits  
An intensive consideration of such issues as the nature, structure  
and function of propositions, predication and the analysis of the  
"is" relation. The relation between propositions and facts.  
The nature of logic and the criterion of the logical and the re- 
lation of logic to language, psychology and ontology. (Lec. 3).  
Alternate years. STAFF (Grad. 50).

Philosophy 212 Seminar in Ethics and Value Theory  
Semester II, 3 credits  
Intensive studies of various issues, theories and aspects in the  
field of values and valuation. The texts of leading moralists  
will be carefully analyzed. (Lec. 3). Alternate years. STAFF  
(Grad. 50).

Philosophy 302, 303, 304, 305 Tutorial in Philosophy  
Semesters I & II, 3 credits  
Discussion by the staff and advanced students of research problems  
in philosophy. Presentation and criticism of original papers.  
(Lec. 3). STAFF (Grad. 50).

b. Contingent upon approval of the new Philosophy courses above,  
delete Philosophy; (Grad 50).

Philosophy 130 Studies in Ancient Philosophy  
Philosophy 131 Studies in Medieval Philosophy  
Philosophy 132 Studies in Modern Philosophy  
Philosophy 133 Studies in Contemporary Philosophy

c. Authorize a graduate program leading to the Master of Arts degree  
in Philosophy (Grad. #50).  
Comment:  
The Department of Philosophy has nine full time members,  
eight of whom now hold or will soon hold the Ph.D. degree. Specifics  
on each member are included in the proposal. The library  
resources, including available reference materials appear to be  
adequate (the department has been authorized to acquire back  
issues of all the major journals).

Sample programs indicating emphasis on Historical Studies,  
Philosophy of Science, and Value Theory were outlined in the pro- 
posal.
Upon approval of the new courses listed above, the department will offer seven courses at the 100 level, thirteen at the 200 level, and four at the 300 level.

For those who desire additional details, the complete proposal is available in the office of the Faculty Senate.

2. Department of Psychology

Add (new)

Psychology 250 (Pharmacology 250) Analysis of Operant Behavior Semester I, 3 credits

Introduction to the principles of operant conditioning with emphasis on the use of these principles in the analysis of behavior. (Lec. 3). Prerequisite: permission of the department. Smith (Grad. 50)

B. From the College of Engineering.

1. Department of Industrial Engineering

Add (new)

IE200 Network Application in Industrial Engineering Semester II, 3 credits

Industrial system problems that can be formulated in terms of flows in networks. Critical path scheduling, transportation problems, allocation, sequencing, and line balancing are some of the topics to be considered. (Lec. 3). Prerequisite: I.E. 132, and permission of instructor, in alternate years, next offered 1969-70. Staff. (Grad. #52).

2. Department of Mechanical Engineering and Applied Mechanics

Add (new)

ME25 Introduction to Air Pollution Control Semester II, 3 credits

Meteorological and legal aspects, effects, sources, and control of air pollution (Lec. 2, Lab. 3) prerequisite, permission of the department. Staff.

ME139 Applied Energy Conversion Semester II, 3 credits

A study of modern power systems including steam and gas turbines, nuclear power stations, fuel cells, and thermionic and thermoelectric devices. (Lec. 3). Prerequisite: ME52 and ME158 or permission of instructor. Parker. (Grad. #52).

Delete, effective July 1, 1969:

ME135 Power Plants (this course is being replaced by ME139) (Grad #52)

3. Department of Ocean Engineering.

Add (new):

OE101 Basic Ocean Engineering Semester I and II, 3 credits

Introduction for non-engineering students to the classic engineering disciplines as they relate to marine affairs. Course is descriptive and deals with current engineering practice. (Lec. 3). Prerequisite: Senior standing or above. No program credit for engineering students. Staff (Grad. #52).
OE215 (Geol. 215). **Coastal Engineering Geology** Sem. II, 2 credits
Lecture-seminar discussions of the interaction of geologic factors and coastal structures. Shore materials, energy-material relationships, and the interference of man-made structures with the natural regimen will be emphasized (Lec. 2). Prerequisite: Geol. 130, 150, or 210, or Ocean 241, or permission of Instructor. Offered in Spring of even calendar years. MacLean. (Grad. #52).

C. **From the Graduate School of Oceanography**
Add (new)

Ocean. 225 *Organic Geochemistry* Semester I, 3 credits
Chemistry of biological compounds in sedimentary organic matter based on their origin, classification and diagenesis. (Lec. 3). Prerequisite: Chem. 22. QUINN. (Grad. #52).
Addendum to the Fiftieth Report
of the
Faculty Senate Curricular Affairs Committee

The FSCAC met on December 12, 1968 and took the following action on those items included in section III of its Fiftieth Report:

III. A. 1. Department of Philosophy.

   a) Add 16 new courses. Approval recommended with the stipulation that Prerequisite: permission of instructor be added to the description of each of the new courses listed.

   b) Delete Philosophy 130, 131, 132, and 133. Approval recommended.

   c) Authorize the MA program in Philosophy. Approval recommended with the stipulation that "The bachelor's degree in Philosophy or the equivalent" will be a prerequisite for students entering the program.

2. Department of Psychology

   Add: Psychology 250 (Pharmacology 250) Approval recommended.


   Add ME 139. Approval recommended.

   Delete ME 135. Approval recommended.


   Add OE 215 (Geol. 215). Approval recommended.

C. Add Ocean. 225. Consideration deferred.