1966

New Courses in Statistics; Statistics 111 and Statistics 112

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 New Courses in Statistics:
   Statistics III and Statistics 112.

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 September 7, 1966.

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 September 28, 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. This action will be reported to the Senate for concurrence at the meeting on September 29, 1966.

September 14, 1966

Chairman of the Faculty Senate

ENDORSEMENT 1.

TO: Chairman of the Faculty Senate

FROM: President of the University

1. Returned.

2. Approved X Disapproved

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

Form approved 11/65
ALTERNATE ENDORSEMENT 1.

TO: Chairman of the Board of Trustees.
FROM: The University President
1. Forwarded.
2. Approved.

__________________________ /s/
(date) President

ENDORSEMENT 2.

TO: Chairman of the Faculty Senate
FROM: Chairman of the Board of Trustees, via the University President.
1. Forwarded.

__________________________ /s/
(date) (Office)

ENDORSEMENT 3.

TO: Chairman of the Faculty Senate
FROM: The University President
1. Forwarded from the Chairman of the Board of Trustees.

__________________________ /s/
(date) President

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

__________________________ /s/
(date) Chairman of the Faculty Senate
Two new courses, Statistics III and Statistics 112, described on the attached pages are approved by the Executive Committee of the Faculty Senate. Date of approval: September 7, 1966.
DATE: August 22, 1966

TO: Dr. William R. Ferrante, Chairman of the Faculty Senate

FROM: Ad Hoc Committee on Statistics

SUBJECT: New Course in Statistical Methods in Research

The Ad Hoc Committee on Statistics was formed in August 1965, consisting of faculty representatives from the different colleges, with the objectives of studying the status of statistics on this campus. Many meetings were held during the past year. Members of the committee also participated in oral examinations of students utilizing statistics in their thesis work. Two of the original committee members have resigned from URI. The remaining undersigned members of the committee unanimously propose that the two semester course in statistics described on the attached sheet be approved to be offered beginning September 1966.

At this time there is an urgent need to provide a basic course such as this for graduate students involved in quantitative research in Agriculture, Oceanography, Engineering, and the Arts and Sciences. The course is necessarily structured at the 100 level and as a consequence will also provide undergraduate students the opportunity to learn statistical methods. Although many other facets of statistical training were considered, the committee has fixed upon the establishment of this course as the most critical step in providing an adequate background for students in this area.

Peter F. Merenda, Professor of Psychology (Chairman)

Saul B. Sella, Associate Professor of Oceanography

Chris P. Tsokos, Assistant Professor of Mathematics

William J. Hemmerle, Professor of Computer Science

Lewis T. Smith, Station Statistician and Associate Professor of Animal Science
Proposed New Course in Statistics

1) Proposed complete catalogue listing

Statistics 111, Statistical Methods in Research (I), Semester I, 3 Credits


(Lec. 3) Prerequisite: (Math. 9)

Statistics 112, Statistical Methods in Research (II), Semester II, 3 Credits


(Lec. 3) Prerequisite: (Statistics 111)

2) Expected distribution of registrants.

<table>
<thead>
<tr>
<th>Undergraduate</th>
<th>Graduate</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>30</td>
<td>30</td>
<td>60</td>
</tr>
</tbody>
</table>

3) Place of course in curriculum(s) involved.

These courses would be offered by the Computer Laboratory as service courses to all colleges in the University to provide students with an understanding of statistical methods for application in industry or graduate studies.

4) Extent to which this course overlaps other courses on campus

No courses on campus fulfills the objectives of the proposed courses.

5) New Facilities

None

6) Availability of Personnel

It is estimated that 2 sections of these courses would be taught each semester requiring one half of a faculty members time.
Explanatory note to be attached to Senate Bill No. 121.

The Executive Committee of the Faculty Senate acting in lieu of the Senate on September 7, 1966, approved the offering of only Statistics 111 (not including Statistics 112) during the fall semester of 1966 only. When this action was submitted to President Horn in the form of Bill No. 121 it incorrectly included Statistics 112. However, the action of the Executive Committee was correctly reported to the Senate for confirmation at the meeting on October 13, 1966. The approval of only Statistics 111 for the fall semester, 1966, only was confirmed by the Senate at the October 13 meeting.