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Graduate Council Curricular Report #1973-74-4

University of Rhode Island Faculty Senate

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UNIVERSITY OF RHODE ISLAND
KINGSTON, R. I. 02881

Office of the President

January 30, 1974

RECEIVED

JAN 31 1974

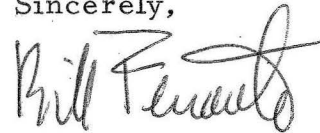
UNIVERSITY OF RHODE ISLAND
FACULTY SENATE

Dr. Maury Klein
Chairman
Faculty Senate
E. Roosevelt Hall

Dear Maury:

Enclosed is Faculty Senate Bill 73-74--10 "Graduate Council
Curricular Report # 1973-74-4" with my approval.

Sincerely,



William R. Ferrante
Acting President

btc

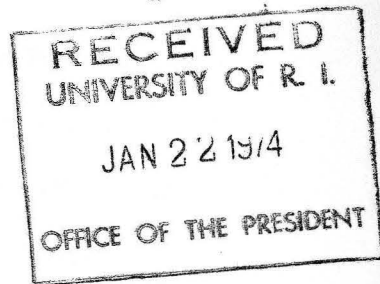
Enc.

Serial Number 73-74--10
UNIVERSITY OF RHODE ISLAND

FACULTY SENATE

BILL

Adopted by the Faculty Senate



TO: Acting President William R. Ferrante

FROM: Chairman of the Faculty Senate

1. The Attached BILL, titled Graduate Council Curricular Report #1973-74-4

_____ 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 January 17, 1974 .
(date)
4. After considering this bill, will you please indicate your approval or disapproval. Return the original or forward it to the Board of Regents, 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 February 7, 1974 (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 Regents for their approval; or (4) the University Faculty petitions for a referendum. If the bill is forwarded to the Board of Regents, it will not become effective until approved by the Board.

January 18, 1974
(date)

Maury Klein /s/
Chairman of the Faculty Senate
Maury Klein

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 Regents is not necessary.

1/30/74
(date)

W R Ferrante /s/
President

(OVER)

ALTERNATE ENDORSEMENT 1.

TO: Chairman of the Board of Regents.

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 Regents, 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 Regents.

_____/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

UNIVERSITY OF RHODE ISLAND
The Graduate School

CURRICULAR REPORT FROM THE GRADUATE COUNCIL TO THE FACULTY SENATE
Report No. 1973-74-4 12/12/73

At its Meeting No. 118 on December 7, 1973 the Graduate Council considered and approved (where necessary) the following curricular 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. College of Arts & Sciences
I. Department of English
(a) Experimental Course

ENG 521X British Literature and Culture 6 credits
The University of Rhode Island Department of English will offer a six-week study tour of England and Scotland, including extended stays in London, Oxford, and Edinburgh, with shorter visits to numerous other places of significance for students in British literature, history, and art. The study tour will incorporate formal lectures and discussions as well as travel, involving faculty members and other experts from local academic institutions in London and elsewhere. Tentative dates are July 1 to August 15, 1974. Fuller details are available from the English Department. The course will be open to graduate and undergraduate students alike, and a limited number of auditors will be accepted. The cost, including academic tuition and travel expenses, including board and room and all transfer costs and taxes, will be approximately \$1,500. Complete schedule with itinerary and actual costs will be available around the first part of the second semester (approximately February 1), but inquiries and tentative reservations, addressed to the Department, are welcome immediately.

II. Matters Requiring Confirmation by the Faculty Senate.

A. College of Arts & Sciences
I. Department of Mathematics
(a) Add (New)

MTH 437, 438 Advanced Calculus and Applications I, II I and II, 3 Sequences, limits, continuity, differentiability, Riemann integral, functions of several variables, multiple integrals, space curves, line integrals, surface integrals, Green's Theorem, Stoke's Theorem, series, improper integrals, uniform convergence, Fourier series, Laplace Transforms. (Applications to Physics and Engineering emphasized.) (Lec 3) Prerequisite: MTH 243 Staff

UNIVERSITY OF RHODE ISLAND
The Graduate School

CURRICULAR REPORT FROM THE GRADUATE COUNCIL TO THE FACULTY SENATE

Report No. 1973-74-3

At its Meeting No. 117 on November 16, 1973 the Graduate Council considered and approved the following curricular matter which is now submitted to the Faculty Senate for confirmation.

A. Graduate School of Oceanography

1. Change

OCG 611 Geophysical Hydrodynamics changed to:

OCG 610, 611 (611) Geophysical Fluid Dynamics I & II,3
Physics of ocean circulation: Surface wave generation,
Rotating fluids, Density currents, Quasi-geostrophic
motion, Laminar viscous flow, Turbulence, Wind driven
ocean circulation, Stratification, Convection, Thermo-
haline convection, Horizontal convection and thermoclines.
(Lec 3) Prerequisite: A prior course in fluid dynamics,
and permission of instructor. Stern

jmo

11/23/73

CURRICULAR REPORT FROM THE GRADUATE COUNCIL TO THE FACULTY SENATE
Report No. 1973-74-4

2. Department of Computer Science and Experimental Statistics
(a) Add (New)

EST 413 Data Analysis II, 3
Exploring data from experimental trials, sample surveys, multivariate studies; weighing chances, detecting patterns, identifying outliers, finding models; elementary computational procedure. (Lec 3)
Prerequisite: EST 408 or 409 and CSC 201. Staff

B. College of Engineering

1. Department of Mechanical Engineering & Applied Mechanics
(a) Add (New)

MCE 651 Turbulent Flows I, 3
A study of turbulent flows from both the phenomenological and statistical points of view. Applications to meteorology, boundary layers and turbulent diffusion. (Lec 3) Prerequisite: MCE 551 or permission of instructor. Hagist, White, Lessmann

MCE 652 Experimental Methods in Fluid Mechanics II, 3
An over-view of measurement techniques and instrumentation used in the current practice of experimental fluid mechanics. Course emphasizes hot wire, hot film and laser anemometry. Provides practical laboratory experience. (Lec 2, Lab 3)
Prerequisite: MCE 551 or permission of instructor. Hagist, Lessmann, Dowdell

(b) Deletion

MCE 654 Statistical Theories of Turbulence
(contingent upon approval of MCE 651)

MCE 655 Viscous Compressible Flows
(contingent upon approval of MCE 652)

C. College of Arts & Sciences

1. Department of Psychology

(a) Reorganization of the Ph. D. Program in Psychology

CURRICULAR REPORT FROM THE GRADUATE COUNCIL TO THE FACULTY SENATE
Report No. 1973-74-4

The department of Psychology offers doctoral programs in the following three program areas:

I. Doctoral program in General-Experimental Psychology. One track leading to a Ph.D. in Psychology.

A. Methodology, Statistics and Research requirements

- (1) Psych. 510, 532 and 611 9 credits
- (2) M. A. Thesis 6 credits
- (3) Dissertation 18 credits

- (a) One member of the student's committee will be from outside the person's program area.
- (b) This will ordinarily mean a 3-man departmental committee plus an additional member from outside the department.

B. Core content areas: Competence in 6 of 8 areas demonstrated either through graduate level performance in core courses or on an equivalent examination.

- (1) Three from the following four areas: 9 credits

- (a) Physiological Psychology Psych. 600a
- (b) Learning Psych. 600b
- (c) Cognition Psych. 600c
- (d) Developmental Psych. 600d

- (2) Three from the following four areas: 9 credits

- (a) Personality Psych. 640
- (b) Social Psych. 600e
- (c) Psychopathology Psych. 660
- (d) Theories of Behavior change (This core course will be developed and added to our curriculum; until then students must cover each of the above three areas).

C. There are no further requirements in the General-Experimental program. Students must elect an additional 39 credits for a minimum total of 90.

II. Doctoral program in School Psychology. One track leading to a Ph.D. in Psychology.

A. Methodology, Statistics and Research

- (1) Psych. 510 and 532 6 credits
- (2) M.A. Thesis on research competency
- (3) Dissertation 18 credits

- (a) One member of student's committee will be from outside the person's program area.

CURRICULAR REPORT FROM THE GRADUATE COUNCIL TO THE FACULTY SENATE
Report No. 1973-74-4

- B. Core content areas: Same as in I B 18 credits
- C. Required for certification 30 credits
in the following areas:
- (1) Intro to Psychological Testing
 - (2) Cognitive Testing
 - (3) Personality Testing
 - (4) Exceptional Child
 - (5) Psychotherapy
 - (6) Field Experience
 - (7) 12 - 15 Education credits
- D. School Practices 18 credits
- (1) Intro. Role & Function Psych. 666
 - (2) Professional Practices Psych. 681-682
 - (3) Consultation Models Psych. 690
 - (4) School as a Social System Psych. 690
- E. Three credits elective for minimum of 90 credits
(in practice most students will take
about 102 credits to round out specialty
interests)

III. Doctoral program in Clinical Psychology. Track 1 leading to a Ph.D.
in Psychology.

- A. Same as in II A 24 credits
- B. Same as in I B 18 credits
- C. Approved internship (1 year)
- D. There are no further requirements for
this track. Students must elect an
additional 48 credits for a total of 90 credits

Track 2 leading to a Ph.D. in Clinical Psychology

- A. Same as in II A 24 credits
- B. Approved internship (1 year)
- C. There are no further requirements for
this track. Students must elect an
additional 66 credits for a total of 90 credits

The program changes being recommended by the department of Psychology are mainly to allow greater flexibility so that a student and his program committee can individually tailor more of his program to the student's particular needs and interests. This is most apparent in Track 2 of the Clinical program which would have no requirements other than the minimum considered necessary for all students receiving a Ph.D. in Clinical psychology i.e. the Methodology, Research and Internship requirements.

Flexibility is increased in each of the three program areas by allowing students to choose 6 of 8 content areas rather than having to take the 6 specific core courses presently required for a Ph.D. in Psychology.

Dec. 6, 1973

INTERIM REPORT OF THE RESEARCH POLICY AND FACILITIES COMMITTEE

Revision of Item 5 of the 1972-73 Committee Report.

- A. Intent: To provide administrative flexibility in the employment of professional personnel on noncontinuing grant or contract funds.
- B. Justification: Present classification of faculty positions is such that professional staff often cannot be employed on noncontinuing grant or contract funds at levels of compensation equivalent to that of regular faculty. All new faculty positions must be approved by the State Board of Regents where approval is normally restricted to teaching positions. Employing faculty on noncontinuing funds is risky because the University may become obligated to tenured positions when the funding supporting these positions is terminated. However, the stimulation and vitality to be gained by including non-teaching faculty on the staff of research programs when funding is available should not be forfeited. This difficulty can be resolved by creating the rank of research professor to include all professional appointments funded on noncontinuing fiscal resources. Research faculty shall enjoy all rights and privileges afforded regular faculty including salary, fringe benefits, promotion, but not tenure, sabbatical leave or membership in a collective bargaining unit.

The classification proposed already exists in the University Manual (7.10.10), but this appears to be the only reference to this rank. Attempts to find the names of individuals holding this title have yielded only one name. Thus, although the title already exists, we are giving it a more definitive meaning, and consequently the strong possibility of greater use.

- C. Recommendation: Amend section 4.12.12 of the University Manual to read as follows (changes are underlined)
- 4.12.12 Temporary and Part-time appointments shall be classified according to their equivalent faculty rank for the determination of salaries and salary increases. This category includes Lecturer, Adjunct Professor, Research Professor, Research Associate and others employed under limited programs of instruction or research.
- Add a new section 4.12.15 to read as follows:
- 4.12.15 Research Professors shall include professional personnel associated with limited research programs such as those supported by non-continuing grant or contract funds. All research professorships shall be based on appointment by the President and shall carry all rights and privileges of salary, fringe benefits, and promotion afforded regular faculty but not tenure, sabbatical leave or representation by a collective bargaining agent.