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Graduate Council Curricular Report #1973-74-6

University of Rhode Island Faculty Senate

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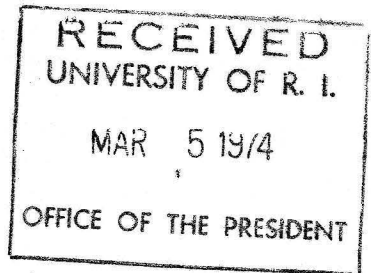
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Serial Number 73-74--23
UNIVERSITY OF RHODE ISLAND

FACULTY SENATE

BILL

Adopted by the Faculty Senate



TO: Acting President Ferrante
FROM: Chairman of the Faculty Senate

1. The Attached BILL, titled Graduate Council Curricular Report #1973-74-6

_____ 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 2/28/74 (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 3/21/74 (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.

3/1/74
(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.

3/20/74
(date)

Wm P 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

CURRICULAR REPORT FROM THE GRADUATE COUNCIL TO THE FACULTY SENATE
Report No. 1973-74-6

At its Meeting No. 120 on February 1, 1974 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.

1. Department of Geology.

a. Experimental Course

GEL 527X Analytical Geochemistry II, 3
Fundamentals and principles of rapid chemical analyses of geologic materials. Application of atomic absorption spectroscopy, colorimetry, emission spectroscopy, selected gravimetric methods, and miscellaneous techniques currently used in student research. (Lec 1, Lab 6)
Prerequisite: Chem 212 and senior status, or permission of instructor. Offered in spring of even calendar years. Hermes

2. Department of Political Science.

a. Experimental Course (change)

PSC 346X(900X) The Impact of Watergate Upon Democracy SSII, 3
Analysis of the literature and transcripts of the inquiries into official spying and subversion, with a focus on the extent the various Watergate scandals require a revision of traditional theories of democracy. (Lec 3) Killilea

3. Department of Speech

a. Experimental Course

SPE 911X Workshop: Explorations in the Performance of Literature
SS June 24-July 19, 4
Solo and group performance: poetry, prose fiction, dramatic literature. Caldwell

4. Departments of Languages and Education

a. Experimental Courses

EDC 930X Latest Techniques in Foreign Language Teaching
SS July 1 - Aug 2, 3
Recent trends and developments in foreign language teaching: the student-centered classroom, individualized and programmed instruction, effective goals and the teaching of culture. Micro-teaching sessions and instruction in the use and production of teaching equipment will be available in the Audio Visual Center and the Language Laboratory. Staff

C. College of Resource Development

Community Planning and Area Development

ADD: CPL 434 Introduction to Environmental Law II, 3

Surveys issues arising out of laws designed to protect the environment and manage resources: right to a decent environment, government regulation versus private property rights, citizen participation in planning environmental controls. No prerequisites. (For students not enrolled in the graduate Curriculum in Community Planning and Area Development) Brooks.

FRN 930X Strengthening Teacher Competency in French
SS July 1 - Aug 2, 4

The principles of individualized instruction at the French teacher level designed to increase personal language skills and to bring the French world to the classroom. Chartier

ITL 930X Strengthening Teacher Competency in Italian
SS July 1 - Aug 2, 4

The principles of individualized instruction at the Italian teacher level designed to increase personal language skills and to bring the Italian world to the classroom. Staff

SPA 930X Strengthening Teacher Competency in Spanish
SS July 1 - Aug 2, 4

The principles of individualized instruction at the Spanish teacher level designed to increase personal language skills and to bring the Hispanic world to the classroom. Hutton

SPA 932X Spanish-Speaking Peoples in the United States
SS June 17-July 19, 3

Introduction to the background and current situation of the Hispanic populace in the U. S. Study of selected historical, social, and literary aspects. Knowledge of Spanish not required. Navascues

B. Graduate Library School
1. Experimental Course

LSC 515X The Library and the Communication Process II, 3
The importance of applying communication theories to the study of librarianship; Basic concepts and models of the communication and information transfer process; Development of information science from mathematical theory of communication; The function of the mass media in society and the unique function of the library within this spectrum; informal channels of communication and their relevance to the organization and the relationship of the library to its embedding institution; Interpersonal communications, dyadic encounter, and the reference interview; Application of communications research methodology to problems of librarianship. (Lec 3) Daniel.

II. Matters Requiring Confirmation by the Faculty Senate.

A. Graduate School of Oceanography

I. Changes

OCG 645 number, credit, title, semester and description changed to-

OCG 641, 642 (645) Geology of Continental Margins I & II I and II, 3 each
Geology of Continental Margins I.: Geomorphology, sedimentology, and structure of continental shelves, borderlands, slopes and rises with consideration of origin and developmental sequence of continental margins. (Lec 3) Prerequisites: OCG 540, GEL 470 and 550. In alternate years, next offered 1975-76. McMaster

Geology of Continental Margins II.: Characteristics of continental margins will be compared with those of island arcs, small ocean basins and geosynclines. Origin and evolutionary relationships will be considered within the framework of global tectonics. (Lec 3) Prerequisites: OCG 540, 641, GEL 470 and 550. In alternate years, next offered 1976. McMaster

OCG 647 number, credit, title, semester and description changed to-

OCG 647, 648(647) Recent Sedimentary Environments I & II I and II, 3 each
Recent Sedimentary Environments I.: Concentrated study of the sedimentary environments of beach, lagoon, estuary and bay with primary emphasis on the relationships between the sediment properties of each environment and its environmental conditions. (Lec 3) Prerequisites: OCG 501, 540, GEL 550. In alternate years, next offered 1974-75. McMaster

Recent Sedimentary Environments II.: Concentrated study of the sedimentary environments of continental shelf, slope and rise with primary emphasis on the relationships between sediment properties of each environment and its environmental conditions. (Lec 3) Prerequisites: OCG 501, 540, GEL 550. In alternate years, next offered 1975. McMaster

B. Graduate Library School

I. Add (New)

LSC 516 History of Libraries and Librarianship to the Renaissance
I, 3

The development of libraries and librarianship within a cultural, social, and economic context, from ancient times to the Renaissance. Western civilization will be emphasized. (Lec 3) Bergen

LSC 517 History of Libraries and Librarianship from the Renaissance to the Present
II, 3

The development of libraries and librarianship within a cultural, social, and economic context, from the Renaissance to the present. Western civilization will be emphasized. (Lec 3) Bergen

2. Deletion

LSC 512: History of Libraries and Librarianship
(contingent upon approval of LSC 516 and 517)

C. College of Business Administration

I. Department of Organizational Management & Industrial Relations

a. Change

OMR 423 Industrial Relations - Add OMR 303 as a prerequisite

OMR 407 Administrative Practices - Title changed to "Organizational Behavior "

OMR 422 Labor Legislation - Title, semester, description changed to-
OMR 422 Labor Relations Law and Legislation II,3
Federal and State Labor Relations statutes and court and agency
decisions pertaining to private and public employment, regulations
of trade unions, equal opportunity and wage and hour laws. (Lec 3)
Prerequisite: OMR 321 or permission of the instructor. Staff

Curriculum Change - Eliminate MGS 363 as a required course;
Substitute OMR 407

D. College of Arts & Sciences

I. Department of Languages

a. Add (new)

ITL 408 Structure of the Italian Language I or II, 3
Advanced study of the structure of the Italian language.
Analysis of linguistic elements as found in representative
documents from thirteenth to twentieth century. (Lec 3)
Prerequisite: ITL 104 or permission of instructor. Not open
to students who have taken ITL 409, 410. Trivelli

ITL 433 Prose Forms in Italian Literature I or II, 3
Advanced study of the development of the form of Italian prose,
especially novels and short stories. A selection of works
studied in depth. (Lec 3) Prerequisite: ITL 325 or 326 or
permission of instructor. Trivelli

ITL 444 Poetic Forms in Italian Literature I or II, 3
Advanced study of a selection of Italian poets. Particular
attention given to the development of poetic style. (Lec 3)
Prerequisite: ITL 325 or 326 or permission of instructor.
Viglione

ITL 453 Literature of the Italian Theater I or II, 3
Selected plays from various periods will serve as the basis
for a study of the development of Italian dramatic forms.
(Lec 3) Prerequisite: ITL 325 or 326 or permission of instructor.
Capasso

ITL 455 Selected Italian Authors I or II, 3
The works of one or more major authors of Italian literature.
The specific author(s) is (are) designated the semester before
the course is to be given; the student should consult the
department. (Lec 3) Prerequisite: ITL 325 or 326 or permission
of instructor. Staff

ITL 465 Topics in Italian Literature I or II, 3
Special topics or themes in Italian literature not treated
or emphasized in other courses. (Lec 3) Prerequisite:
ITL 325 or 326 or permission of instructor. Staff

b. Deletion

(Contingent upon approval of ITL 408, 433, 444, 453, 455, 465)

ITL 409, 410: History of the Italian Language
ITL 411, 412: Italian Literature of the Middle Ages
ITL 421, 422: Italian Literature of the Renaissance
ITL 431: Italian Literature of the 17th Century
ITL 442: Italian Literature of the 18th Century
ITL 451, 452: Italian Literature of the 19th Century
ITL 461, 462: Italian Literature of the 20th Century

c. Change

ITL 481, 482 - Title, description and prerequisite changed to -
ITL 481, 482 The Works of Dante Alighieri I and II, 3
Dante's works with special attention given to the analysis and
interpretation of the Divina Commedia from the social, religious,
philosophical, and political viewpoints of the Middle Ages.
(Lec 3) Prerequisite: ITL 325 or 326 or permission of instructor.
Viglionese

2. Department of Computer Science & Experimental Statistics

a. Add (New)

EST 491, 492 Problems in Experimental Statistics I and II, 1-3
Advanced work in experimental statistics. Courses will be
conducted as seminars or as supervised individual topics.
Prerequisite: Permission of department. Staff

EST 550 Ecological Statistics I, 3
Application of statistical methodology to the following topics:
Population growth, interactions of populations, sampling and
modelling of ecological populations, spatial patterns, species
abundance relations, and ecological diversity and measurement.
(Lec 3) Prerequisite: EST 409 or permission of instructor. Staff

3. Department of Journalism
a. Add (New)

JOR 400(440) Opinion and Interpretation in Journalism I and II, 3
Editorial page policy, opinion columns, journals of opinion and
alternative media as vehicles for subjective accounts of events.
Practice in organizing, researching and writing articles of
opinion and interpretation. (Lec 2, Lab 2) Prerequisite: JOR 212
and junior standing. Anderson

b. Deletion
JOR 440: Criticism Opinion and Interpretation in the Mass Media

4. Department of Zoology
a. Add (New)

* ZOO 475 Causes of Evolution I, 3
A mathematical formulation of evolution: epoch of enzymes;
genetic equilibrium under selection, mutation, migration and
random drift; the n-locus problem; coupling of genetic and
ecological systems. (Lec 3) Prerequisite: One semester of
genetics. Constantino

ZOO 505 Biological Photography I, 2
Application of scientific photography to biological subjects,
living and prepared. Photomacrography and photomicrography.
Principles of photography as applied to the specialized needs
of biological research and publication. (Lab 6) Prerequisite:
permission of instructor. Heppner

* ZOO 508 Seminar in Zoological Literature II, 1
Survey of zoological literature including traditional
methods of bibliographic control, contemporary infor-
mation retrieval services and the development of a person-
alized information system. (Lec 1) Prerequisite: graduate
standing in Zoology. Winn

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ZOO 518 Mechanisms of Development II, 2
Current concepts of mechanisms responsible for developmental changes. Morphological, chemical, and genetic aspects of development are treated in discussions of morphogenetic movements, cell differentiation, and organogenesis. (Lec 2) Prerequisite: ZOO 214(314) or equivalent. BOT 352 recommended. Bibb, Goertemiller, Surver

* ZOO 568 Ornithology II, 2
~~The~~ Biology of birds, with emphasis on the role of birds in biological research. Areas to be covered include systematics, evolution, physiology, ecology and behavior. Discussion of current topics in ornithology. (Lec 2) Prerequisite: ZOO 466 or permission of instructor. Heppner

* ZOO 646 Advanced Mammalian Physiology II, 2
Reports and discussions on topics of current research in mammalian physiology, coordinated with Zoology 442. Assigned research projects using advanced physiological techniques and instrumentation. (Rec 1, Lab 3) Prerequisite: concurrent enrollment in ZOO 442. Hill

*returned to
graduate
Council*

b. Changes

ZOO 473: History of Biology - Renumber to 373

ZOO 421: Principles of Taxonomy - Prerequisite changed to -
"three semesters of zoology including ZOO 214(314) or equivalent."

ZOO 441: General (Cellular) Physiology - Prerequisite changed to -
"Two semesters of biology, one of which may be MIC 201, two semesters of physics, and one semester of organic chemistry."

ZOO 463: Animal Ecology - Prerequisite changed to -
"ZOO 262 and MTH 141 or equivalent"

ZOO 465: Limnology - Prerequisite changed to -
"ZOO 262 and one semester of chemistry"

ZOO 466: Vertebrate Biology - Prerequisite changed to -
"ZOO 214(314) or equivalent"

ZOO 467: Animal Behavior - Prerequisite changed to -
"One semester of zoology and one semester of psychology or permission of instructor."

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ZOO 468: Mammalogy - Prerequisite changed to-
"ZOO 466 or equivalent"

ZOO 482: Systematic Entomology - Prerequisite changed to-
"ZOO 354 or 381"

ZOO 563: Ichthyology - Prerequisite changed to-
"ZOO 214(314) and 466"

ZOO 566: Herpetology - Prerequisite changed to-
"ZOO 214(314) or permission of instructor"

ZOO 476 - Number, semester and prerequisite to-
ZOO 476(477), Semester II, Prerequisite: BOT 352 (ASC 352) or equivalent

ZOO 512: Fine Structure of the Animal Cell - Title changed to-
"Fine Structure"

ZOO 576: Ecological Genetics - Description changed to-

ZOO 576 Ecological Genetics II, 4

Hereditary structure of populations, population strategy in heterogeneous environments, species area-diversity patterns, strategy of colonization, stepping stones and biotic exchange.

(Lec 3, Lab 3) Prerequisite: One semester of genetics. Constantino

c. Deletion

ZOO 471: Evolution

ZOO 552: Pathology of Endocrine Functions

5. Department of Mathematics

a. Changes

MTH 451: Introduction to Probability and Statistics - Description changed to-

MTH 451 Introduction to Probability and Statistics I, 3

Theoretical basis and fundamental tools of probability and statistics. Probability spaces, properties of probability, distributions, expectations. Some common distributions and elementary limit theorems. (Lec 3) Prerequisite: MTH 243 or equivalent. Staff

MTH 452: Mathematical Statistics - Description changed to-

MTH 452: Mathematical Statistics II, 3

Continuation of MTH 451 in the direction of statistics. Basic principles of statistical testing and estimation, linear regression and correlation. (Lec 3) Prerequisite: MTH 451. Staff

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MTH 471: Introduction to Numerical Analysis - Content, title and description changed -
MTH 471 Introduction to Numerical Analysis I I and II, 3
Interpolation, solution of nonlinear equations, numerical
evaluation of integrals, special topics. (Lec 3) Prerequisite:
MTH 243, CSC 201 or equivalent, or permission of the instructor.
Staff

MTH 472: Introduction to Numerical Analysis II II, 3
Numerical solution of ordinary differential equations, systems
of linear equations, least squares, approximation, special
topics. (Lec 3) Prerequisite: MTH 243, CSC 201 or equivalent,
or permission of the instructor. Staff

6. Department of Botany
a. Add (New)

BOT 551 Seminar in Aquatic Botany I, 1
Readings and discussion on current research involving
algae and other aquatic plants. (Lec 1) Prerequisite:
Permission of instructor. Harlin, Wood

* BOT 659 Seminar in Physiological Ecology of ~~Microalgae~~ ^{Macroalgae} II, 1
Readings and discussion of specialized and advanced research,
stressing mechanism of environmental adaption. (Lec 1)
Prerequisite: BOT 599, or permission of instructor. Harlin

7. Department of Sociology
a. Add (New)

SOC 505(496) Methods of Sociological Research I, 3
The logic of sociological inquiry with particular emphasis on
the interrelationship between theory and fact through an exam-
ination of a variety of methodological procedures. (Lec 3)
Prerequisite: graduate standing or permission of the instructor. Bassis

SOC 506 Methods of Sociological Research II, 3
Practical application of the issues discussed in Sociology 505.
Experience in the art of empirical investigation culminating in
the completion of a research project. (Lec 3) Prerequisite:
Sociology 505 or permission of instructor. Bassis

b. Change

Change in curriculum for Master of Arts program in Sociology:
Drop Statistics 411: Statistical Methods in Research I
Add Sociology 505, 506: Methods of Sociological Research
as a requirement for M. A. students.

c. Deletion

SOC 496: Advanced Sociological Research

E. College of Home Economics

1. Department of Home Economics Education

a. Change

EDC 491 Home Economics Education-Teaching Adults - change from 2 to 3 credits

CURRICULAR REPORT FROM THE GRADUATE COUNCIL TO THE FACULTY SENATE
Report No. 1973-74-7

At its Meeting No. 121 on February 15, 1974 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 Home Economics

1. Department of Home Economics Education

a. Experimental Course

EDC 909X New Directions for Home Economics Teaching: Human Ecology and Environment 7/1-7/12, 3

This course is designed to develop an awareness of environment and ecological concepts. These concepts will be related to all areas of Home Economics. Teachers will have an opportunity to develop individual projects for their teaching level, applying environmental education to Home Economics.

B. College of Arts & Sciences

1. Department of Theatre

a. Experimental Course

THE(EDC) 404 Improvisation and Theatre Games for the English Teacher SS 1,3

A long-term workshop/lab designed for secondary level English teachers to help them introduce experiential learning techniques into their curricula. The activities will consist of actor-training and rehearsal techniques adapted to teach language arts, composition, drama, poetry, the novel and the short story. Time will be spent in developing specific activities for the participants' particular needs. (Lab 12) Prerequisite: The course enrollment is limited to in-service teachers and graduate students planning teaching careers. Staff of the American Shakespeare Theatre in association with URI theatre staff.

THE(EDC) 406 Improvisation and Theatre Games in Education SS 1,3

An exploration of experiential learning in all subject areas at all levels of development, using theatre-originated activities as the basic methodology. Emphasis will be placed upon the participants' experiences in building a community of learning, developing concentration skills and increasing both imagination and awareness. The objective will be to give educators both tools and understanding to develop learning activities for their students. (Lab 12) Prerequisite: The course enrollment is limited to in-service teachers and graduate students planning teaching careers. Staff of the American Shakespeare Theatre in association with URI theatre staff.