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Faculty Senate Curricular Affairs Committee Seventy-third Report

University of Rhode Island Faculty Senate

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Rec L.S. 1/19/72

Serial Number #71-72-14
UNIVERSITY OF RHODE ISLAND

FACULTY SENATE

BILL

Adopted by the Faculty Senate

RECEIVED
UNIVERSITY OF R. I.

JAN 18 1972

OFFICE OF THE PRESIDENT

TO: President Werner A. Baum
FROM: Chairman of the Faculty Senate

1. The Attached BILL, titled Faculty Senate Curricular Affairs
Committee Seventy-third Report

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 72-1-13
(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 72-2-4 (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.

72-1-14
(date)

Stephen D. Schwarz /s/
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 Regents is not necessary.

1/18/72
(date)

Werner A. Baum /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
Kingston, Rhode Island

December 30, 1971

Faculty Senate Curricular Affairs Committee Seventy-third Report.

At its meeting of December 17, 1971, the Faculty Senate Curricular Affairs Committee considered the following matters which are now submitted to the Faculty Senate for confirmation or information as indicated.

I. Items requiring confirmation by the Faculty Senate

A. College of Arts and Sciences.

1. Department of Art

- a. ADD -- ART 213 Cinegraphics 1 1 & 11, 3

An introduction to photography and an exploration of related techniques using light sensitive materials. (Lec. 3) Prerequisite: Art majors who have completed ART 101 and ART 102 or permission of the instructor. PARKER

- b. ADD -- ART 314 Cinegraphics II 1 & 11, 3

Continuation of ART 213 (Lec. 3) Prerequisite ART 213. PARKER

2. Department of Microbiology and Biophysics

- a. ADD -- Biophysics to the list of subjects in Division B of the distribution requirements for the B. A. degree on page 29 of the university catalog as follows: "Biophysics. Any course for which the prerequisites have been met."

- b. CHANGE -- Code of Bacteriology courses - BAC to Microbiology - MIC

- c. ADD -- BPH 401 Quantitative Cell Culture

Methods of mammalian cell culture used to examine the normal and abnormal cell in the study of cancer, genetic diseases, the radiation syndrome, nutrition and other problems. (Lec. 3) Prerequisite: Any two of following: BIO 101, 102, BOT 111, ZOO 111 or BAC 201. Senior standing or above. FISHER

3. Department of Chemistry

- a. ADD -- CHM 226, (229 and 230) Organic Chemistry I and II I and II, 2
 Laboratory Combination of CHM 229 and 230 to be completed in one semester. (Lab. 6). Prerequisite: Prior or concurrent registration in CHM. 227. Not open to students who have passed CHM 221, 229 or 230. STAFF
- b. ADD -- CHM 417 Topics in Industrial and Governmental Research Spring 1972 only, 2
 Lectures and group discussions presented by invited scientists from industry, government and private research laboratories; discussions of specific technical projects representative of industrial research and development activities. (Lec. 2). Open to graduate students in all technical fields on a S/U basis. Not for graduate program credit. KROLL AND ROSIE

4. Department of Computer Science and Experimental Statistics

ADD -- EST 220 Statistics in Modern Society II, 3
 Elementary concepts in sampling, polls, surveys, random samples. Foundations of statistical inference; estimation, comparison, prediction. Statistics for the consumer, quality of data, credibility of statistical evidence. Environmental measurements and experiments. (Lec. 3) LAWING

5. Department of English

ADD -- ENG 444 The American Writer and the Negro II, 3
 General survey of writings about Negroes in American literature by white as well as black authors. Study of representative works from all of American literature, providing an aesthetic and social view of the American Negro. (Lec. 3) BOYD

6. Department of Geography

ADD -- GEG 452 Transportation Geography II, 3
 Passenger and commodity transportation. Analysis of the relationship between transportation services and the spatial distribution of activities. Emphasis on location theory, ~~analytical methodologies, extension methodologies, and urban transportation problems.~~
 (Lec. 3) Prerequisite: One GEG 100 level course or permission of department. CAPELLE

7. Department of Geology

ADD -- ESC 301 Environmental Remote Sensing II, 3
 Introduction to interdisciplinary aspects of environmental remote sensing. Topics include image and non-image sensing

applied to geographic mapping, land-use, forestry, geology, engineering, urban-industrial patterns, wildlife management and ecology. (Lec. 3). Prerequisite: RDV 100 or junior standing or permission of instructor. J. J. FISHER and STAFF

8. Department of History

- a. DELETE -- HIS 420 Constitutional History of England.
- b. ADD -- The following course on an experimental basis Spring 1972 only and cross-list as shown: HIS 388 (APG 388, ART 388, PSY 388, SOC 388 or SPE 388)

WOMAN AND SOCIETY

11, 3

Images of woman in advertising, art and literature; the physiology and psychology of woman; and the roles of woman in pre-literate, pre-industrial and industrial societies. (Lec. 3) STAFF

9. Department of Languages - Spanish

- a. ADD -- SPA 410 Field Workshop Summer, 6

Cultural visit to Spain or Hispanic-America. Significant monuments and places of interest to the student of literature and civilization will be studied. Lectures supplemented by assigned readings. (Lec. 6)
Prerequisite: One of the following, SPA 325, 326, 407, 408 or permission of instructor. STAFF

- b. ADD -- SPA 495 Hispanic Civilization 11, 3

Analysis of Hispanic culture and civilization from fifteenth century to present. Significant contributions in literature and the arts. Readings in all areas of Hispanic endeavor supplemented by individual projects. (Lec. 3) Prerequisite: One of the following: SPA 325, 326, 407, 408, or permission of the instructor. In alternate years, next offered, 1972-73. HUTTON

10. Department of Mathematics

- a. Revise BS curriculum in Mathematics on page 39 of catalog as follows:

Mathematics

This curriculum is designed to include the basic theories, techniques, and applications of mathematics. The required courses introduce the student to the principal areas of mathematics, and they provide a foundation for advanced

study at the graduate level. This curriculum prepares students for graduate study in mathematics, and also for industrial employment.

Students selecting this field of concentration must complete 39 credits in mathematics, including

141	Introductory Calculus with Analytic Geometry	3
142	Intermediate Calculus with Analytic Geometry	3
215	Introduction to Algebraic Structures	3
243	Calculus and Analytic Geometry of Several Variables	3
316	Algebra	3
335	Advanced Calculus I	3
336	Advanced Calculus II	3
425	Topology	3
462	Functions of a Complex Variable	3

The student must complete a minor concentration of 18 or more credits in one of these four areas:

Biological sciences (Bacteriology, Biology, Botany, Zoology); Physical Sciences (Chemistry, Geology, Physics, Astronomy); Social Sciences (Economics, Geography, Political Science, Psychology, Sociology); Computer Science.

Six credits in computer science may be counted toward the minor concentration in any of the first three areas.

The program must include PHY 213, 214, 285 and 286.

MTH 107 Introduction to Finite Mathematics, 108 Topics in Mathematics, 109 Algebra and Trigonometry, and 125 Fundamentals of Euclidean Geometry are not open to students majoring in mathematics.

Total credits required: 130

b. CHANGE DESCRIPTION AND PREREQUISITE:

MTH 109 Algebra and Trigonometry 1 and 11,3
Sets and real numbers, introduction to elementary functions (polynomial, exponential, logarithmic and trigonometric functions), analytic geometry, complex numbers. Not open to students who have had four years of high school mathematics except with permission of department.
Lec. 3) STAFF

11. Department of Sociology

ADD -- Sociology 444 The Sociology of Religion 1 and 11, 3
Sociological theory and research in the analysis of inter-relationships between religious culture, secular culture, the social structure of religious groups, and general social structure. (Lec. 3). Prerequisites: One 200 level course, one 300 level course in Sociology. SENNOTT

12. Department of Speech

- a. ADD -- SPE 201 Interpersonal Communication 1, 11, 3
Examination of the human interaction process in informal interpersonal communication situations. Focus on game theory, defensive and supportive climates, non-verbal communication, the interview and informal dialogue. (Lec. 3). DEVLIN, ANDERSON, BROWNELL
- b. ADD -- SPE 301 Systems of Communication 11, 3
Investigation of communication networks in nonsymbolic and symbolic systems, focusing on: General Systems Theory, Cybernetics, Man's Physiological System, The Computer, and Animal and Human Code Systems. Prerequisites: Permission of Instructor. (Lec. 3). BROWNELL
- c. ADD -- SPE 315 Environmental Dimensions of Communication 1, 3
An investigation of the physical properties of the environment and how man's perception and design of these properties affect his communication in personal, social, and public situations. Analysis and experimentation with the ways the environment can be used to facilitate communication. (Lec. 3). ANDERSON, BROWNELL, and LOXLEY
- d. ADD -- SPE 333 Oral Interpretation of Black Literature 11, 3
Study and oral presentation of literature by Black American Authors. Class performances, discussion, reports and analysis of the literature. Prerequisite: Speech 231 or consent of Instructor. (Lec. 3) CALDWELL, LOXLEY
- e. ADD -- SPE 433 Chamber Theatre 1, 3
Oral interpretation of prose fiction through group performance. Practice in the adapting and directing of narrative fiction for Chamber Theatre, a technique for dramatizing point of view. Prerequisite: SPE 231, 311. In alternate years, next offered 1972-73. (Lec. 3) CALDWELL
- f. ADD -- SPE 301 and 315 to Division C, of A & S Distribution Requirements (page 29) of catalog.
- g. ADD -- SPE 333 and 433 to Division A, of A & S Distribution Requirements (page 29) of catalog.

- 13. General - Reinstate the two course limit in divisional requirements for B. S. programs in Arts and Sciences.
REVISE -- First sentence of first paragraph in "Bachelor of Science Curriculums" on page 36 of 1971-72 catalog to read:

"The general curriculum for the Bachelor of Science degree consists of the general education requirements for all undergraduates, as listed on page 21 excepting that in fulfilling the divisional requirements no more than two courses (6-8 credits) in one department or subject matter area may be used, 12 credits of free electives, and a major of 30-45* credits within a department." (Changes from the present statement are underlined.)

B. College of Business Administration

Department of Accounting

ADD -- ACC 343 A General Survey of the Federal Income Tax 11,3
 A general survey course in taxation for students with little or no previous work in accounting or business administration. Emphasis is placed on those aspects of taxation which are helpful to the individual. (Lec. 3) Not open to accounting majors. STAFF

C. College of Engineering

Department of Mechanical Engineering and Applied Mechanics -

Make the following curriculum changes in the Sophomore year (page 63 - 1971-72 catalog) beginning Spring 1972 and effective for the class of 1974.

1. DROP -- IDE 330 Manufacturing Process from Second Semester 2 Cr
2. ADD -- CSC 201 Introduction to Computing to Second Semester 3 Cr
3. Increase credit for 2nd Semester Sophomore from 15 to 16.
4. Increase credits for graduation by 1 to 129-132.

D. College of Home Economics

Department of Textiles and Clothing.

ADD -- TXC 425 Experimental Clothing SS, 11, 1972 only, 3
 Experimental construction techniques related to recent developments in fabric, findings, and equipment. (Class sessions: 8:30-11:30). Prerequisites: TXC 205 or permission of instructor. STAFF

E. College of Nursing

1. CHANGE from temporary to permanent status and offer both semesters - NUR 150 Human Sexuality 1, 11, 2
2. ADD --
 - a. NUR 101 Introduction to Nursing 1 and 11, 2
 Concepts of health and disease basic to nursing knowledge and practice. Basic needs of people. Influence of attitudes and beliefs on health, illness, caring and curing professions and institutions. (Lec. 1, Rec. 1) STAFF

- b. NUR 231 (NUR 230, 240) Care of the Adult I 11, 6
Emphasis on the use of the problem-solving approach in the care of adult patients with major health and nursing problems. Introduces pathophysiology and its relationship to patient care. (Lec. 6)
Prerequisite: Sophomore standing, Nursing 220 or R. N. status. STAFF
- c. NUR 232 (NUR 230,240) Care of the Adult I (Nursing Practicum) 11, 4
Utilization of the problem-solving approach in learning to provide nursing care for adult patients with pathophysiological changes. (Lab. 12) Must be taken concurrently with Nursing 231. STAFF
- d. NUR 331 (NUR 330, 340) Care of the Adult II, 11, 7
Continuation of the problem-solving approach in nursing care of patients with pathophysiological conditions, and emphasis on patients with complex problems and long term needs. (Lecture 7) Prerequisite: Nursing 231 and Nursing 232, Senior standing or permission of department. STAFF
- e. NUR 332 (NUR 330, 340) Care of the Adult II 11, 5
(Nursing Practicum)
Utilization of the problem-solving approach in caring for adult patients with complex nursing problems and long term needs in the clinical setting. Emphasis on the leadership, teaching and investigative role of the professional nurse.

(Lab. 15) Prerequisite: Nursing 231 and 232, Senior standing or permission of department. Must be taken concurrently with Nursing 331. STAFF

3. DELETE -- NUR 110, NUR 230, NUR 240, NUR 330, NUR 340

F. College of Resource Development

Department of Animal Pathology

ADD -- APA 401 Introduction to Pathology 1 or 11, 3
Principles of general pathology including the cellular changes, etiology and pathogenesis of inflammatory, metabolic and neo-plastic processes with an overview of systemic pathology emphasizing common diseases of major organ systems (Lec. 3).
Prerequisite: BAC 201, ZOO 442, and/or equivalent. Junior standing, or permission of instructor. WOLKE

II. Matters of Information (for further information, consult the Chairman of the Department concerned).

A. College of Arts and Sciences

1. Department of Languages

CHANGE SPA 462 Contemporary Spanish Literature 11, 3

t o :

SPA 462 Contemporary Spanish Writers 11, 3

CHANGE course description of SPA 462 to:

Spain as seen through the works of major contemporary figures beginning with Garcia Lorca and the Generation of 1927.

(Lec. 3) Prerequisite: One of the following, SPA 325, 326, 407, 408 or permission of the instructor. In alternate years, next offered 1972-73. FREEDMAN

2. Department of Speech

a. CHANGE

SPE 220 Group Discussion 1 and 11, 3

Study of and practice in small group communication.

Emphasis on cohesiveness, role-playing, leadership, group pressures, and patterns of interaction in a variety of problem-solving small group situations.

(Lec. 3) BROWNELL, DEVLIN AND GRZEBIEN

b. CHANGE

Change course description of SPE 320 Oral Communication for Management to:

Examination of business and organizational communication.

Emphasis on channels of communication, communication barriers, leadership and the development of communication skills for management personnel. (Lec. 3) DEVLIN and BROWNELL