

11-6-1975

One Hundred and Fourth Report of the Curricular Affairs Committee

University of Rhode Island Faculty Senate

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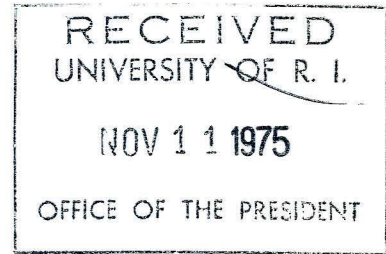
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UNIVERSITY OF RHODE ISLAND
Kingston, Rhode Island

FACULTY SENATE
BILL

Adopted by the Faculty Senate



TO: President Frank Newman

FROM: Chairman of the Faculty Senate

1. The attached BILL, titled One Hundred and Fourth Report of the Curricular Affairs Committee

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 November 6, 1975 (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 November 27, 1975 (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.

November 7, 1975
(date)

W. Donald Rankin
W. Donald Rankin
Chairman of the Faculty Senate

ENDORSEMENT 1.

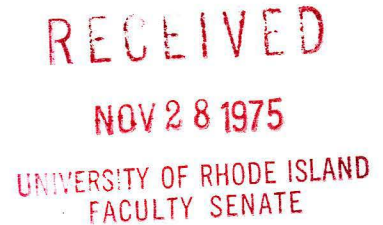
TO: Chairman of the Faculty Senate

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.

Nov 20, 1975
(date)

F. Newman
President



(OVER)

ALTERNATE ENDORSEMENT 1.

TO: Chairman of the Board of Regents

FROM: The University President

1. Forwarded.
2. Approved.

(date)

President

ENDORSEMENT 2.

TO: Chairman of the Faculty Senate

FROM: Chairman of the Board of Regents, via the University President.

1. Forwarded.

(date)

(Office)

ENDORSEMENT 3.

TO: Chairman of the Faculty Senate

FROM: The University President

1. Forwarded from the Chairman of the Board of Regents.

(date)

President

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

(date)

Chairman of the Faculty Senate

UNIVERSITY OF RHODE ISLAND
Kingston, Rhode Island

October 20, 1975

Faculty Senate Curricular Affairs Committee One Hundred and Fourth Report

At its meeting of October 14, 1975, the Faculty Senate Curricular Affairs Committee considered the following matters now submitted to the Faculty Senate.

S E C T I O N I

Informational Changes

College of Arts and Sciences

Department of Psychology

- a. CHANGE: Prerequisite for PSY 398.

PSY 398 Honors Project 11, 3
Pre: Permission of instructor, 3.3 overall G.P.A., 3.25
Psychology G.P.A. Registration for two semesters of
Honors Colloquium.

- b. CHANGE: Description and prerequisite for PSY 397.

PSY 397 Honors Seminar 1, 3
Optional seminar for honors candidates focusing on helping the student to develop an honors project. Discussion of various research possibilities with emphasis on alternative modes of inquiry. (Lec. 3) Pre: senior majors, permission of department, 3.3 overall G.P.A., 3.25 Psychology G.P.A. Registration for two semesters of Honors Colloquium.

* * * * *

S E C T I O N II

Curricular Matters Submitted to the Faculty Senate for Confirmation:

College of Engineering

Department of Chemical Engineering

- a. CHANGE: The number of required credits for the B.S. degree in Chemical Engineering from 135 to 129 by deletion of the requirement of 6 credits of free electives.

(Department of Chemical Engineering - Continued)

CHEMICAL ENGINEERING CURRICULUM

FRESHMAN YEAR

<u>FIRST SEMESTER</u>		<u>SECOND SEMESTER</u>	
	<u>Cr.</u>		<u>Cr.</u>
*CHM 191	General Chemistry	*CHM 192	General Chemistry
EGR 102	Basic Graphics	MTH 142	Intermed. Calculus with
MTH 141	Intro. Calculus with		Anal. Geometry
	Anal. Geometry	**PHY 213, 285	Elementary Phy. and
General Education Elective in			Physics Laboratory
Division A, C, or D	6	ECN 123	Elements of Economics
			Engineering Elective
	<u>15</u>		<u>16</u>

SOPHOMORE YEAR

<u>FIRST SEMESTER</u>		<u>SECOND SEMESTER</u>	
	<u>Cr.</u>		<u>Cr.</u>
CHE 212	Chemical Process Cal.	Approved Biological Science Elective	3
CHM 227	Organic Chem. Lecture I	CHE 272	Intro. to Chem. Engineering
MTH 243	Calculus and Anal. Geom.	CHE 313	Chemical Engineering
	of Several Variables		Thermodynamics
**PHY 214, 286	Elementary Physics	CHM 228	Organic Chemistry Lec. II
	and Physics Laboratory	CHM 226	Organic Chemistry Laboratory,
General Education Elective in			I and II
Division A, C, or D	3	ELE 220	Electric Circuits,
			Measurements and Electronics
	<u>16</u>		<u>17</u>

JUNIOR YEAR

<u>FIRST SEMESTER</u>		<u>SECOND SEMESTER</u>	
	<u>Cr.</u>		<u>Cr.</u>
CHE 314	Chemical Engineering	CHE 332	Physical Metallurgy or
	Thermodynamics		***Approved Professional
CHE 322	Chemical Process Analysis		Elective
CHE 344	Intro. to Transfer Rates	CHE 343	Mass Transfer Operations
CHM 431	Physical Chemistry I	CHE 425	Process Dynamics & Control
MTH 244	or Approved Mathematics	CHE 432	Physical Chemistry II
	Elective	CHM 336	Phys. Chemistry Lab.
General Education Elective in			General Education Elective in
Division A, C, or D	3		Division A, C, or D
	<u>16</u>		<u>17</u>

* For CHM 191 and 192 (10 cr.), students may substitute CHM 101, 102 112, 114 and 212 (12 cr.)

** For PHY 213, 214, 285, and 286 (8 cr.), students may substitute MCE 161 and 261 (or 162 and 263) and ELE 210 (9 cr.).

*** These courses must be chosen with the approval of the adviser designated by the Department. Areas of concentration include general chemical engineering, bioengineering, materials engineering, nuclear engineering, and pollution control.

(Department of Chemical Engineering - continued)

CHEMICAL ENGINEERING CURRICULUM

SENIOR YEAR

<u>FIRST SEMESTER</u>			<u>SECOND SEMESTER</u>	
	<u>Cr.</u>			<u>Cr.</u>
CHE 345 Chemical Engineering Lab. or *** Approved Professional Elective	2	***	CHE 346 Chemical Eng. Lab. CHE 352 Plant Design and Econ. Approved Professional Elective	2 3 3
CHE 351 Plant Design and Economics	3		CVE 220 Mechanics of materials, or *** Approved Professional Elective	3
CHE 464 Indus. Reaction Kinetics	3		General Education Elective in Division A, C, or D	6
NUE 581 Intro. to Nuclear Engr. or PHY 340, Intro. to Modern Physics	3			
CHE 328 Industrial Plants	1			
General Education Elective in Division A, C, or D	<u>3</u>			<u>17</u>
	15			
Total credits required:				129

- b. CHANGE: The number of required credits for the B.S. degree in Chemical and Ocean Engineering from 137 to 131 by deletion of the requirement of 6 credits of free electives.

CHEMICAL AND OCEAN ENGINEERING
CURRICULUM

Freshman, Sophomore, and Junior years same as for Chemical Engineering

SENIOR YEAR

<u>FIRST SEMESTER</u>			<u>SECOND SEMESTER</u>	
	<u>Cr.</u>			<u>Cr.</u>
CHE 351 Plant Design and Econ.	3		CHE 352 Plant Design and Econ.	3
CHE 403 Intro. to Ocean Engineering Processes	3		CHE 404 Intro. to Ocean Engineering Processes	3
CHE 464 Indus. Reaction Kinetics	3		CHE 534 Corrosion and Corrosion Control	3
CHE 328 Industrial Plants	1		OCE 410 Basic Ocean Measurements	3
OCG 401 General Oceanography	3		General Education Elective in Division A, C, or D	<u>6</u>
General Education Elective in Division A, C, or D	<u>3</u>			<u>18</u>
	16			
Total credits required				131

*** These courses must be chosen with the approval of the adviser designated by the department. Areas of concentration include general chemical engineering, bio-engineering, materials engineering, nuclear engineering, and pollution control.

(Section II - continued)

- c. The Curricular Affairs Committee recommends that the requirement of 6 credits of free electives as specified in section 8.40.10 of the University Manual be waived for the B.S. degree in Chemical Engineering and the B.S. degree in Chemical and Ocean Engineering and that section 8.40.10 be amended by the addition of the phrase "except the B.S. curriculum in Chemical Engineering and the B.S. curriculum in Chemical and Ocean Engineering."

Section 8.40.10 if amended would read as follows:

Change is underlined.

8.40.10 Curricular Requirements. In any curriculum the minimum number of credits required for graduation shall be 120 and the maximum, 148 for a four-year program. No curriculum shall exceed 32 classroom and laboratory contact hours per week in any one semester. Every curriculum shall include at least six credit hours of free electives except the B.S. curriculum in Chemical Engineering and the B.S. curriculum in Chemical and Ocean Engineering.

SBG:LTN