

4-24-2000

Curricular Report No. 1999-2000-7 from the Graduate Council to the Faculty Senate

University of Rhode Island Faculty Senate

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UNIVERSITY OF RHODE ISLAND
FACULTY SENATE

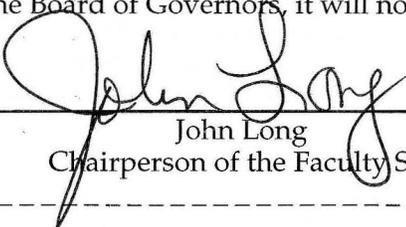
Serial Number #99-00--25

TO: President Robert L. Carothers

FROM: Chairperson of the Faculty Senate

1. The attached BILL, titled Curricular Report No. 1999-2000-7 from the Graduate Council to the Faculty Senate 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 April 27, 2000.
4. After considering this bill, will you please indicate your approval or disapproval. Return the original or forward it to the Board of Governors, completing the appropriate endorsement below.
5. In accordance with Section 10, paragraph 4 of the Senate's By-Laws, this bill will become effective May 18, 2000 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 Governors for their approval; or (4) the University Faculty petitions for a referendum. If the bill is forwarded to the Board of Governors, it will not become effective until approved by the Board.

April 28, 2000
(date)


John Long
Chairperson of the Faculty Senate

ENDORSEMENT

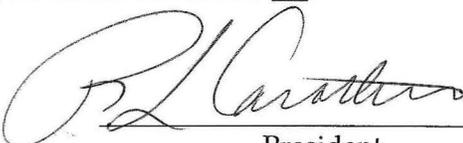
TO: Chairperson of the Faculty Senate

FROM: President of the University

Returned.

- a. Approved
- b. Approved subject to final approval by Board of Governors
- c. Disapproved

5/9/00
(date)


President

UNIVERSITY OF RHODE ISLAND
The Graduate School
CURRICULAR REPORT FROM THE GRADUATE COUNCIL TO THE FACULTY
SENATE:
REPORT NO. 1999-2000-7

At meeting No. 361 held March 31, 2000, the Graduate Council considered and approved the following curricular matters which are now submitted to the Faculty Senate for information or confirmation as indicated.

I. Matters Requiring Confirmation by Faculty Senate

A. College of Engineering

1. Department of Electrical and Computer Engineering

a. Add (New):

ELE 535 BICMOS Integrated Circuit Design (I, 4) Bipolar and MOS device models, process variations and circuit performance, temperature effects, current sources, opamps, oscillators, logic, memory circuits, A to D converters, switched capacitor circuits. Student designs are fabricated and tested. (Lec 3/Lab 2) Pre: ELE 331 and 342
Daly

ELE 540 Theory of Integrated Circuit Testing (I, II, 3) Introduction to product testing of digital, analog and mixed-signal integrated circuits. Defect and fault modeling, test vector generation, design-for-testability and IEEE 1149.X (boundary scan). (Lec) Pre: Graduate standing or permission of instructor. Staff

ELE 541 Semiconductor Test Engineering Instrumentation (II, 4) Low level measurements, noise, analog integrated circuit design, testing case studies, automatic test equipment (ATE). Design and demonstrate a semiconductor production test using ATE. (Lec 3/Lab 3) Pre: Graduate standing or permission of instructor. Staff

b. Delete

ELE 536 Semiconductor Electronics

2. Department of Civil and Environmental Engineering

a. Change:

CVE 584 Designing with Geosynthetics - change prerequisite to read:

Pre: Credit or concurrent enrollment in 381.

B. College of Business and Charles T. Schmidt, Jr. Labor Research Center

1. Department of Management

a. Crosslist:

LRS (MGT) 500 Labor Relations and Human Resources

LRS (MGT) 551 Human Resource Strategy

C. College of Environmental and Life Sciences

1. Department of Geosciences

a. Change:

GEO 530 Igneous Petrology - change title, number of credits, description and method of instruction to read:

GEO 530 Petrogenetic Igneous Processes (II, 4) Examination of key physico-chemical processes responsible for the diversity of igneous rocks and igneous activity. Emphasis on geochemistry, petrography, field relationships, and tectonic setting. (Lec 3/Lab 2) Pre: 321 or permission of instructor. In alternate years. Next offered Spring 2001. Hermes

2. Department of Natural Resources Science

a. Add (New)

NRS 533 Landscape Pattern and Change (I, 3) Remote sensing perspective of landscape characterization; landscape dynamics; spatiotemporal land-use and land-cover change; modeling and analysis of landscape by integration of remote sensing, GIS, GPS, and in situ data. (Lec 2/Lab 2) Pre: NRS 415 or permission of instructor. Wang

D. Charles T. Schmidt Jr. Labor Research Center

1. Joint JD/MSLRHR program between URI and Roger Williams University School of Law

Admission Policy: Students will have to apply and be accepted into each program under the separate admissions requirements then in effect at each school.

Program Structure: At Roger Williams University, the JD program requires 90 credits, which can be completed on a full-time basis over three years. The Master of Science in Labor Relations and Human Resources requires 39 credits, which can be completed on a full-time basis over two years. Fifteen credits taken in the MSLRHR program will also satisfy the overall credit requirement of the JD degree program while nine credits taken in the JD program will also satisfy the overall requirements of the MSLRHR program. The law school will accept 15 Labor Relations and Human Resources credits (LRS 500, LRS/ECN 526, LRS/PSC 521, LRS 542, LRS 580) toward the overall total of 90 so that the student in the joint program would need to register and pay for 75 credits at Roger Williams. The Schmidt Labor Research Center will accept nine credits (LAW 631, 820, 822) toward the overall total of 39, so that the joint degree student would need to register and pay for 30 Labor Relations and Human Resources credits at URI. The effect of these credit transfers would be to reduce the overall time needed to complete both degrees from five years, if the degrees were pursued independently, to four years under the joint program. Should students avail themselves of courses in labor relations offered during the summer sessions, the required time for graduation might be reduced to three and one-half years. Students in the joint program must complete the other requirements for the MSLRHR degree. These include three additional MSLRHR elective courses - in addition to LAW 631 from Roger Williams - and the required core courses LRS/HIS 544, LRS/ECN 526, LRS 551. (Note: these courses are in addition to the core required courses that would transfer to the JD program (LRS 500, LRS/ECN 526, LRS/PSC 521, LRS 542 and LRS 580) as indicated previously. Roger Williams students must complete the required law school curriculum. Students in the joint MSLRHR/JD program will be required to take the written comprehensive examination which all MSLRHR students take as part of their program. Students would pay tuition to the University of Rhode Island for courses offered by the Schmidt Labor Research Center as part of its MSLRHR program - including the 15 credits transferable to the J.D. degree - while students would pay tuition to Roger Williams University for courses offered by the Papitto School of Law as part of its J.D. program - including the nine credits transferable to the MSLRHR.

- E. College of Business and College of Pharmacy
 - 1. Departments of Business Administration and Pharm D.
 - a. Joint MBA/PharmD program

Admission Policy: Students may apply and matriculate into the MBA program once they meet or exceed 120 credit hours in the Pharm D. program following the normal MBA admission requirements.

Program Structure: The six year, entry level PharmD curriculum requires the student complete 188 credits as prescribed in the University catalog. The program encourages students to explore an area of interest by completing twelve "tracking" credits. The joint PharmD/MBA program allows the student the option of utilizing this coursework toward both the PharmD and MBA requirements. The 54 credit standard MBA program provides for twelve elective credits, as well as a core of 42 credits of required coursework. The student in the joint program may fulfill the elective course requirements to the MBA program by taking advantage of both experiential and didactic coursework offered by the College of Pharmacy. The joint program will require the student to complete a total of 221 credits. This joint offering is envisioned as a 14 semester program of study which incorporates coursework from both colleges concurrently during the last six semesters of study. The student has several options that are designed to provide flexibility in the attainment of both degrees (summer sessions, summer experiential programming, add-on-MBA).