Curricular Report #1994-95-3 from the Graduate Council to the Faculty Senate

University of Rhode Island Faculty Senate

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TO: President Robert L. Carothers

FROM: Chairperson of the Faculty Senate

1. The attached BILL, titled Curricular Report #1994-95-3 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 January 26, 1995.

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 February 16, 1995, 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.

   January 27, 1995
   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

   2-2-95
   President

Form revised 9/91
UNIVERSITY OF RHODE ISLAND
The Graduate School
CURRICULAR REPORT FROM THE GRADUATE COUNCIL TO THE FACULTY SENATE
REPORT NO. 1994-95-3

At its Meeting No. 318 held on December 16, 1994, 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 the Faculty Senate.

A. College of Resource Development

1. Department of Natural Resources Science
   a. Add (New)
   NRS 582 Seminar in Soil Ecology and Biochemistry II, I
   Discussion of current topics in special areas of soil ecology and biochemistry based on primary scientific literature. (Lec 1) Pre: Senior or graduate standing, NRS 212, and permission of instructor. Amador

2. Department of Plant Sciences
   a. Change
   PLS 501,502: Graduate Seminar in Plant Sciences - delete Permission of Instructor"

3. Department of Resource Economics
   a. Changes
   REN 634: Economics of Resource Development -prerequisite changed to "REN 534 and REN 524 or permission of instructor"
   REN 514: Economics of Marine Resources - Delete "Enrollment in MMA program or permission of instructor"
   REN 520: Production Economics -prerequisite changed to - "REN 528 or permission of instructor"
   REN 540: Applied Resource Economics - prerequisite changed to "REN 528 or permission of instructor"
   REN 628: Advanced Microeconomic Theory -delete ECH 527 as a prerequisite
   REN 543: Economic Structure of the Fishing Industry -prerequisite changed from REN 514 to REN 410

4. Department of Plant Sciences
   a. Change
   EMT 550: Insect Morphology and Systematics - title changed to "Insect Taxonomy and Systematics; instructor changed from Logan to Alm

B. College of Arts and Sciences

1. Department of Biochemistry, Microbiology and Molecular Genetics
   a. Addition of a Cytopathology Track within the M.S. in Clinical Laboratory Science program

Admission Requirements:
GRE recommended, bachelor's degree in clinical laboratory sciences, life sciences, physical sciences, or health sciences (for cytology must include 20 semester hours of biological sciences, including anatomy and physiology and 8 semester hours in chemistry); certification, or certification eligibility, by a nationally recognized certifying agency, or a minimum of one year's postbaccalaureate laboratory experience. One course in statistics required. Applicants with deficiencies in background courses may be required to complete appropriate coursework with graduate credit.

Program Requirements:
BCP 551, EDC 505 or 582, MTC 510, 512, 513, and nine to twenty-four credits in the area of specialization (ASP 534, MTC 501 and 541 for clinical chemistry; ASP 534, MTC 501 and 541 for clinical microbiology; MTC 520, 521 and 530 for hematoloy and immunohemotology; MTC 561 through 566 for cytopathology). The remainder of courses are selected from education, management, or other specializations for a total of 33 credits (39 credits for cytopathology). Comprehensive written examination. Major research paper.

b. Add (New)
   MTC 561 Introduction to Cytotechnology
   A review of cell and tissue structure, principles of microscopy, and cytological staining methods, overview of organization and management of cytology labs (practicum). Pre: Open only to students who have been accepted into an affiliated hospital school of cytotechnology. Clinical Staff
   MTC 562 Special Topics in Cytotechnology
   Special projects in cytology, cytopathology or cytotechnology. The students will investigate or review a topic and present a written and oral report (practicum). Pre: Open only to students who have been accepted into an affiliated hospital school of cytotechnology. Clinical Staff
   MTC 563 Cytopathology
   Cytopathology and clinical aspects of cervical dysplasia, carcinoma in-situ and invasive squamous cell carcinoma. Endometrial and endocervical carcinomas, other genital tract cancers will be considered (practicum). Pre: Open only to students who have been accepted into an affiliated hospital school of cytotechnology. Clinical Staff
The cytology practice at the medical hospital has been undergoing a significant improvement in recent years. The staff has been trained extensively on new technologies, particularly those that enhance the accuracy and speed of diagnostic procedures. As part of this initiative, a new system for automated cytology has been implemented, which has significantly reduced the time required for sample processing. Additionally, the hospital has invested in modern biopsy devices that provide more detailed and accurate diagnoses. Overall, these advancements have resulted in better patient outcomes and increased staff efficiency.