

UNIVERSITY OF RHODE ISLAND

The Graduate School

**CURRICULAR REPORT FROM THE GRADUATE COUNCIL TO THE FACULTY SENATE: REPORT NO.
2004-2005-2**

At meeting No. 397 held October 29, 2004, 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 of Information

A. College of Arts and Sciences

1. Department of Biological Sciences

Add (New):

BIO 506X Practicum in College Biology Teaching (3)

Practice in pedagogy, course design, organization, lecturing, assessment, testing, grading, educational technology, laboratory practice, legal matters, and professional ethics for prospective college biology teachers. (Lecture/workshop)

B. College of the Environment and Life Sciences

1. Departments of Natural Resource Science and Resource Economics

a. Changes:

NRS 520 Quantitative Techniques in Natural Resource Research – change cross-list to read:

NRS 520 (or REN 524) Quantitative Techniques in Natural Resource Research

2. Department of Cell and Molecular Biology

a. Changes:

BCH 521 Physical Biochemistry – change description and prerequisite to read:

(I, 3) The use of calorimetry, centrifugation, electrophoresis, (SDS-PAGE, agarose gels, sequencing gels, immunoelectrophoresis, capillary electrophoresis, and isoelectric focusing), chromatography (GFC, SPX, IEX, normal and reversed-phase HPLC, and micro-HPLC), mass spectrometry (ion-labeling, MALDI, FAB, electrospray, and MS/MS), radioactive labels, and x-ray crystallography to characterize biologically important macromolecules such as proteins, DNA/RNA, carbohydrates, and lipids. (Lec. 3) Pre: BCH 311, concurrent registration in BCH 581, or permission of instructor. In alternate years. Next offered Fall 2005. Martin.

C. College of Engineering

1. Department of Electrical Engineering

a. Change:

ELE 532 Solid State Engineering II – change prerequisite to read:

Pre: ELE 331 or permission of instructor.

II. Matters Requiring Confirmation by Faculty Senate

A. College of Human Sciences and Services

1. Department of Communicative Disorders

a. Changes:

Add comprehensive exam to Au.D. Program.

B. College of Engineering and Graduate School of Oceanography:

1. Department of Ocean Engineering and School of Oceanography

a. Add (New):

OCG 506 (or OCE 506) Numerical Models and Data Analysis in Ocean Sciences (3) An introduction to numerical methods in all disciplines of oceanography and ocean engineering. Topics include model formulation, analysis, and simulation; data analysis and parameter estimation. Problem solving with Matlab and C in the weekly computer laboratory. (Lec. 2, Lab. 3)