

**UNIVERSITY OF RHODE ISLAND**  
**The Graduate School**  
**CURRICULAR REPORT FROM THE GRADUATE COUNCIL TO THE**  
**FACULTY SENATE: REPORT NO. 2006-2007-7**

At meeting No. 418 held March 30, 2007, 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 Engineering

1. Departments of Industrial and Electrical Engineering

Changes:

**IME/CSC/ELE 525 Simulation** – change in title, prerequisites, and catalog description to read:

**IME/CSC/ELE 525 Systems Simulation (3)**

Simulation of random processes and systems. Continuous and discrete simulation models. Data structures and algorithms for simulation. Generation of random variates, design of simulation experiments for optimization and validation of models and results. Selected engineering applications. Pre: CSC 212 or IME 325, IME 433 or ELE 509, or permission of the instructor.

**IME 555 Deterministic Systems Optimization (3)** – change in prerequisite and catalog description to read:

Linear, non-linear and integer formulations and solutions. Sensitivity analysis and pricing problems; degeneracy and duality; decomposition methods for large-scale systems; use of mathematical programming languages and applications. Pre: IME 432 or permission of the instructor.

**IME 545 Manufacturing Systems (3)** – change in prerequisite and catalog description to read:

Problems in system analysis and design as related to manufacturing. Quantitative models and simulation methods for manufacturing planning, control scheduling, flexible manufacturing or highly automated manufacturing systems. Pre: IME 432 or permission of the instructor.

**II. Matters Requiring Confirmation by Faculty Senate**

A. College of Arts and Sciences

1. Department of Computer Science and Statistics:

a. New Course:

**CSC 593 Computer Science Seminar Series (1)**

Seminar discussions presented by faculty, graduate students, and outside speakers.

2. Department of Communication Studies:

a. New Course:

**COM 503 Graduate Practicum Teaching Communication Seminar (1)**

Practicum for students teaching postsecondary courses in communication. Provides pedagogical training through discussion, observation, and critique. Development and practice of skills, strategies, and pragmatic aspects of teaching in a university community. S/U credit. Offered fall and spring semester. Must be taken for a total of three credits. Pre: Communication Studies Graduate Teaching status.

B. College of Environmental and Life Sciences

1. Department of Biological Sciences:

a. Termination:

Termination of non-thesis option M.S. degree program designed for students in the health sciences planning to enter a professional school upon completion of the M.S. degree because there have been few qualified applicants to the program.

2. Department of Natural Resources Science

a. Changes:

**EVS 614 White Papers in Integrated Coastal Science** – change in credits to read:

*From:* 4 credits

*To:* 6 credits

**EVS 618 Internship in Coastal Management** – change in credits to read:

*From:* 4 credits

*To:* 6 credits

**BIO 551 Seminar in Aquatic Botany** – change in number and catalogue description to read:

**BIO 551/NRS 551 Seminar in Marine Ecology (1)**

Readings and discussion on current research involving ecological interactions of marine species. (Seminar). Pre: Permission of Instructor. May be repeated.

C. College of Human Science and Services

1. Department of Communicative Disorders

a. Changes:

**CMD 563 Language Disorders in Infants and Toddlers** – change in credits to read:

*From:* 4 credit hours

*To:* 3 credit hours

**CMD 564 Language Disorders in School-Age Children** – change in credits to read:

*From:* 4 credit hours

*To:* 3 credit hours

**CMD 584 Language Disorders in Developmentally Young Children** – change in credits to read:

*From:* 4 credit hours

*To:* 3 credit hours

D. College of Engineering

1. Departments of Ocean and Electrical Engineering:

a. New Course:

**OCE/ELE 550 Ocean Systems Engineering (3)**

Introduction to the design of systems for use in the ocean environment with emphasis on interaction of various subsystem disciplines to achieve total system performance characteristics. Introduction to detection, localization, classification and time measurement strategies including Global Positioning system, underwater Acoustics Positioning and control, wireless acoustic and electromagnetic communication, and remote time transfer. Examples will include mobile, fixed, autonomous, distributed and networked sensors. Pre: MTH 451 or Equivalent.

E. College of Business Administration

1. New Course:

**BUS 691/BUS 692 Directed Study in Business (3)**

Advanced doctoral level work under the supervision of a faculty member arranged to suit the individual requirements of the student. (Independent Study; Pre: permission of instructor).