

2016

## The Five Hundred and Thirty-Second Report of the Curricular Affairs Committee.

University of Rhode Island Faculty Senate

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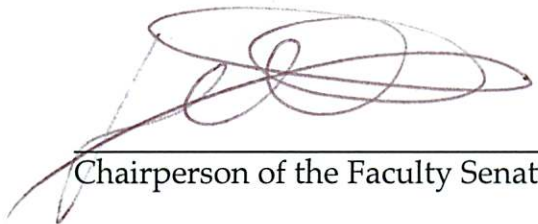
University of Rhode Island Faculty Senate, "The Five Hundred and Thirty-Second Report of the Curricular Affairs Committee."  
(2016). *Faculty Senate Bills*. Paper 2187.  
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Serial Number #15-16—31A

The attached BILL titled, The Five Hundred and Thirty-Second Report of the Curricular Affairs Committee was adopted by vote of the Faculty Senate on April 21, 2016.

The Bill is effective on the date of signature below.

  
\_\_\_\_\_  
Chairperson of the Faculty Senate

4-21-2016  
Date

## UNIVERSITY OF RHODE ISLAND FACULTY SENATE

April 21, 2016

### Faculty Senate Curricular Affairs Committee Five Hundred and Thirty-Second Report

At the March 28, 2016 meeting of the Curricular Affairs Committee and by electronic communication, the following matters were considered and are now presented to the Faculty Senate.

#### SECTION I Informational Matters

#### TEMPORARY COURSES

##### A. COLLEGE OF ENVIRONMENT AND LIFE SCIENCES:

##### **MAF/HIS 371X, History of Humans and the Marine Environment (3 crs.)**

Cross-listed as (MAF) HIS 371X. This course explores the history of human interactions with the marine environment, including fisheries, tourism, development, and the marine sciences. (Lec. 3) Pre: Sophomore standing or permission of instructor.

#### ONLINE COURSES

**The CAC has approved the following courses for online offering:**

**GWS 220, Women and the Natural Sciences (3 crs.)** – accelerated online programs

**SECTION II**  
**Curricular Matters Which Require Confirmation by the**  
**Faculty Senate**

**NEW COURSES**

**A. COLLEGE OF THE ENVIRONMENT AND LIFE SCIENCES:**

**GEO 462, Aqueous Geochemistry (4 crs.)**

Introduction to the chemical processes controlling water chemistry in low-temperature environments. Topics include chemical weathering, ion exchange, acid-base chemistry, redox, mineral equilibria, isotopes, and chemical modeling of aqueous systems. (Lec. 3, Lab. 1) Pre: CHM 101, 102, 112, 114; GEO 103, 320. Not for graduate credit.

**MAF 445, Environmental Thought and Behavior (3 crs.)**

Introduction to environmental behavior, including factors such as values, knowledge, risk perceptions, and social pressure. Attention is given to the role of attitudes and values in coastal and marine management. (Lec. 3) Pre: MAF 100. Not for graduate credit.

**B. COLLEGE OF ENGINEERING:**

**OCE 313, Computational Solutions for Ocean Engineering Problems (3 crs.)**

Fundamentals of computational techniques in Ocean engineering, including algorithm development, programming, MATLAB scripts, numerical solutions of hydrodynamics, acoustics, and robotics problems, and stability and accuracy analysis. (Lec. 3) Pre: MTH 244.

**COURSE CHANGES**

**A. COLLEGE OF HUMAN SCIENCE AND SERVICES:**

**a. Change credits, method of instruction, and description:**

**HDF 312, Adult Development (4 crs.)**

Identification of influences, processes, and forces shaping adult development through the life course. Integration of theory and research with experiential learning. Lecture, discussion, and participation in a field setting. (Lec. 3, Practicum 1) Pre: HDF 201 or permission of instructor.