

10-19-2017

## The Five Hundred and Forty-second Report of the Curricular Affairs Committee

University of Rhode Island Faculty Senate

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Serial Number #17-18-4A

The attached BILL titled, The Five Hundred and Forty-second Report of the Curricular Affairs Committee was adopted by vote of the Faculty Senate on October 19, 2017.

The Bill is effective on the date of signature below.



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Mark Conley  
Chairperson of the Faculty Senate

October 19, 2017

## UNIVERSITY OF RHODE ISLAND FACULTY SENATE October 19, 2017

### Faculty Senate Curricular Affairs Committee Five Hundred and Forty-second Report

At the September 25, 2017 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

#### **MAF 310X, Communication for Marine Affairs**

(3 crs.) Provide marine affairs students with an introduction of how to communicate effectively with a variety of different stakeholders, in different contexts, and for different purposes. An emphasis is placed on oral public communication. (Lec. 3) Pre: MAF 100

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

##### NEW COURSES

#### COLLEGE OF ARTS AND SCIENCES:

#### **ARB 315, Topics in Arabic Culture & Society in Arabic**

(4 crs.) Content-focused Arabic language course on topics in Arabic culture and society with supplemental language instruction materials. May be repeated with different topic. (Lec. 3, Rec. 1) Pre: ARB 212 or instructor permission.

#### **ARB 415, Advanced Topics in Arab Culture & Society in Arabic**

(4 crs.) Advanced content-focused Arabic language course on topics in Arabic culture and society. May be repeated with different topic. (Lec. 3, Rec. 1) Pre: Credit for ARB 315 or concurrent enrollment in ARB 315 with instructor permission. Not for graduate credit.

#### COLLEGE OF THE ENVIRONMENT AND LIFE SCIENCES:

#### **BIO 220, Fundamentals of Human Anatomy and Physiology I**

(3 crs.) Explores the integration of the structures and functions of the human organism through a systems approach; including the biochemical properties of the cell, integumentary, muscular, skeletal, and nervous systems. (Lec. 3) Pre: Credit or concurrent enrollment in BIO 221. *Effective start date fall 2018*

**BIO 221, Fundamentals of Human Anatomy and Physiology I Laboratory**

(1 cr.) Fundamental structure and function of organ systems of the human body explored through models, dissections, and experiments. Specific topics include: tissues, integumentary system, muscular system, skeletal system, and nervous system. (Lab. 1) Pre: Credit or concurrent enrollment in BIO 220. *Effective start date fall 2018*

**BIO 222, Fundamentals of Human Anatomy and Physiology II**

(3 crs.) Explores the integration of the structures and functions of the human organism through a systems approach; including senses, endocrine, cardiovascular, lymphatic, immune, respiratory, digestive, urinary, and reproductive. (Lec. 3) Pre: BIO 220 and 221, and credit or concurrent enrollment in BIO 223. *Effective start date fall 2018*

**BIO 223, Fundamentals of Human Anatomy and Physiology II Laboratory**

(1 cr.) Fundamental structure and function of organ systems of the human body explored through models, dissections, and experiments. Specific topics include: special senses, endocrine, circulatory, respiratory, digestive, urinary, and reproductive systems. (Lab. 1) Pre: BIO 220 and BIO 221, and credit or concurrent enrollment in BIO 222. *Effective start date fall 2018*

**BIO/DSP 439, Big Data Analysis**

(3 crs.) Learn about big data and how to write scripts to analyze data. (Lec. 3) Pre: junior standing, MTH 131. Not for graduate credit.

**COURSES CHANGES**

**COLLEGE OF ENGINEERING:**

**Change prerequisite:**

**CVE 370, Hydraulic Engineering**

(3 crs.) Applied hydraulics of flow in closed conduits and open channels: river and groundwater hydraulics. Analysis of hydraulic structures. Reservoir design. Principles of hydrology. (Lec. 3) Pre: MCE 354 or equivalent and at least a 2.00 (C) average in MTH 141, MTH 142, PHY 203, PHY 204, and CHM 101.