

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.



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.