THE
UNIVERSITY
OF RHODE ISLAND
FACULTY SENATE OFFICE

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THINK BIG WE DO™

Serial Number #17-18-39

The attached BILL titled, General Education Committee Report #2017-18-7 was adopted by vote of the Faculty Senate on <u>April 19, 2018.</u>

The Bill is effective on the date of signature below.

Mark Conley
Chairperson of the Faculty Senate

April 19, 2018

UNIVERSITY OF RHODE ISLAND FACULTY SENATE
April 19, 2018
Faculty Senate General Education Committee
Report # 2017-18-7

At the April 5, 2018 meeting of the General Education Committee and by electronic communication, the following matters were considered and are now presented to the Faculty Senate.

College of Arts and Sciences:

ART 120, Introduction to Art
(3 crs.) Fundamental principles of the visual arts, evolution of styles and conceptions through the ages in different forms of creative expression. (Lec. 3) (A4)

COM 100, Communication Fundamentals
(3 crs.) Integrates theory and experience in several communication contexts including public speaking, civic engagement, small groups, and interpersonal communication. Not open to students with credit in 110. (Lec. 3) (B2) (C1)

CSC 305, Software Engineering
(4 crs.) Programming environments and methodologies for the design, development, testing, and maintenance of large software systems. Student teams will develop a substantial software product from requirements to delivery using disciplined techniques. (Lec. 3, Project 3) Pre: CSC 212. (D1)

CSC 399, Capstone for Programming Minors
(4 crs.) Teams of students will integrate the knowledge acquired in previous programming courses and apply it to implement a real-world software project in consultation with local industry. Students will communicate effectively both within their teams and with project stakeholders, creating written reports, technical documentation, and giving oral presentations. (Lec. 3, Lab. 2) Pre: CSC 211 or 372. May not be taken for credit by students with credit in CSC 305. NOT intended for students majoring in computer science. (B2) (D1)

DSP 393G, Introduction to Predictive Analytics
(3 crs.) The course implements an active learning pedagogy for students to meticulously and systematically work with "Big Data" to develop data-driven predictive models for decision-making. (Lec. 3) Pre: BUS111 or MTH131 or MTH141, and STA308 or BUS210. Permission of instructor. (B3) (D1) (GC)

GWS 150, Introduction to Gender and Women's Studies
(3 crs.) Images of women, the theories and processes of socialization, historical perspectives, and implications for social change. (Lec. 3/Online) Service learning in some sections. (A2) (C3)

HIS 318, The Jews: Religion and People
(3 crs.) Explores Jewish history, from the Bible to the present. By examining both text and art, we investigate how Jewish ideas and practices developed in dialogue with non-Jewish culture. (Lec. 3) Pre: Sophomore standing or permission of instructor. (A3) (C2)

HIS 354, U.S. and the World, 1890-Present
(3 crs.) Analysis of Americans' interactions with other nations, ideas, and cultures between 1890 and the present. (Lec. 3) Pre: Sophomore standing or permission of instructor. (B4) (C1)

LAR 445, Landscape Architecture Studio IV
(4 crs.) Study of comprehensive landscape architectural projects. Coordination of research and preparation of alternative design solutions and work with public agencies and communities. (Lec. 2, Studio 4) Service learning. Intended for LAR majors, MESM students, or with permission of instructor. Pre: LAR 443 and 444 or by permission of instructor. (D1)

MUS 301, Music as a Form of Social Protest
(3 crs.) This course surveys the music of those musicians who have been influential in focusing public attention on particular social causes. Students experience music through literature (books, journals, etc.), recordings and video. (Lec. 3) (A4) (C1)

PHL 110G, Love and Sex
(3 crs.) This course considers the natures and ethics of love and sex by asking questions like: What is love? What counts as sex? What constitutes consent? What counts as infidelity? (Lec. 3) (A3) (C3) (GC)

PHL 114, The Problem of Evil
(3 crs.) Introduction to philosophical inquiry through a major topic in the philosophy of religion. Questions such as moral evil, natural evil, fate, freedom, and meaning in human existence will be considered. (Lec. 3) (A3) (B1)

PHL 204, Theories of Human Nature
(3 crs.) An introduction to philosophical inquiry by critical examination of some major traditional and contemporary views of human nature as expressed in a variety of religious, literary, scientific, and philosophical writings. (Lec. 3) (A3) (B1)

SPA 321, Spanish for Business and Technology
(3 crs.) Study of the concepts and terminology of the Spanish language common to the realm of international business and engineering. (Lec. 3) SPA degree credit only for B.S. Business or B.S. Engineering students also completing B.A. in Spanish. Pre: SPA 206 or SPA 210, or permission of instructor. (D1) (B2)

College of the Business:

TMD 433, Textile Markets
(3 crs.) Study of social, economic, and political issues that affect the development, production, and marketing of textile products. Study of the textile needs of the apparel, home furnishings, industrial, and medical industries. (Lec. 3/Online) Pre: TMD 303 and ECN 201 and 202. (D1)

College of the Education and Professional Studies:

EDC 485, Seminar in Teaching
(3 crs.) Seminar associated with student teaching. Classroom issues, resource materials, and teaching models are addressed. Course work from throughout the undergraduate program and student teaching is integrated into a professional portfolio. Capstone. Areas include secondary nonvocational, elementary early childhood education, home economics, resource development, business, music, physical education, theatre. (Seminar) Pre: Concurrent enrollment in EDC 484 or permission of director. Not for graduate credit in education. (S/U only) (D1)

College of Engineering:

ELE / MUS / COM 369G, Technologies and Music
(3 crs.) Introduction to 12-tone music; orchestra instruments; mathematics and physics of musical acoustics; physiology of auditory system; audio engineering; microphones, amplifiers and speakers; software for synthesis; ethics in music industry. (Lec. 3) Pre: Junior standing or permission of instructor. (A1) (GC)

ELE 403G, Launching a Technology Startup
(3 crs.) Computer technology: hardware, software, and network; Computer applications in today's society; Tech Innovations; startup company, team building, market analysis, technology differentiation, raising Angel and VC funds: Exit Strategies. (Lec. 3) Pre: MTH 142 and junior standing or permission of instructor. (B2) (D1) (GC)

College of the Environment and Life Sciences:

AFS 300, Diseases of Aquatic Organisms
(4 crs.) Integrate and apply knowledge on disease dynamics and host-pathogen-environment interactions with skills from a variety of disciplines to manage the impact of diseases affecting aquatic organisms, from algae to whales. (Lec. 3, Lab. 2) Pre: AFS105G or a BIO course or permission of instructor. (D1)

AFS 440, Aquatic Food Production in the Philippines
(3 crs.) Interdisciplinary, cross-cultural experience of aquaculture and fisheries in the Philippines through field trips to aquaculture facilities, coral reefs, and historic sites. Travel required; additional costs apply. (Lec. 1, Lab 3, Sem. 1) Pre: permission of instructor. Not for graduate credit. (D1)

AVS / NFS / SAF 404, Food Systems, Sustainability and Health
(3 crs.) Cross-listed with (AVS), NFS, SAF. Scientific analysis of animal and human health and nutrition in various food systems. Interdisciplinary discussion on food systems and sustainability. (Lec. 3) Pre: Senior in good standing or permission of instructor. Not for graduate credit. (D1)

AVS 443, Advanced Methods in Applied Animal Behavior
(3 crs.) Practical application of the study of animal behavior to improve animal management in farm, zoo, or research settings. Emphasis on research methods and science-based animal training techniques. (Lec. 3) Pre: AVS 343 or concurrent enrollment in AVS 343. Not for graduate credit. (D1)

MAF/HIS/GWS 373, Environmental Injustice
(3 crs.) Cross-listed as (MAF), HIS 370. Examines environmental issues through a social justice lens. Looking at historical and global contexts, topics may include public health issues, environmental social movements, and "natural" disasters. (Lec. 3) (C3)

PLS 324, Vegetable Crops
(4 crs.) A study of vegetable crops including the botany and systematics of the vegetables commonly grown in the United States. Includes organic and conventional production techniques for home gardeners and market farmers. (Lec. 3, Lab. 2) Pre: PLS 150 or BIO 102 or permission of instructor. (D1) (B4)

College of Pharmacy:

PHP 203G, Understanding Cancer: Basics and Beyond
(3 crs.) This is a grand challenge course designed for future healthcare professionals to provide a foundation for understanding cancer and its treatment whilst incorporating larger scale ethical and social issues, including global disparities in treatment and the economic impact of cancer care. (Lec. 3) (A2) (GC)

PHP 336, Exploring Interdisciplinary Healthcare Solutions for Opioid Use Disorder
(3 crs.) The theme of this course is an interdisciplinary survey of a multifaceted response to opioid epidemic in the United States through the lenses of pharmacy, epidemiology, and sociology. (Lec. 3) Pre: Junior standing or higher. (D1) (C1)

Library:

LIB 350G, Current Issues of the Information Age
(3 crs.) Critical issues concerning the use of information are examined. Emphasis is placed on the interdisciplinary nature of information and using research techniques as a foundation for informed global citizenship. Pre: Sophomore standing or consent of instructor. (Lec. 3) (B4) (C1) (GC)

Grand Challenge:

GCH 101G Interdisciplinary Topics in Civic Knowledge and Responsibilities
(3-4 cr.) Study of important contemporary interdisciplinary topics with substantial relevance to civic knowledge and responsibilities, incorporating substantial attention to ethics. (C1) (GC)

GCH 102G Interdisciplinary Topics in Diversity and Inclusion
(3-4 cr.) Study of important contemporary interdisciplinary topics with substantial relevance to diversity and inclusion, incorporating substantial attention to ethics. (C3) (GC)