


Serial Number #18-19-27A

The attached BILL titled, the Curriculum and Standards Committee Report #2018-19-12 (courses), was adopted by vote of the Faculty Senate on April 18, 2019.

The Bill is effective on the date of signature below.


Hillary Leonard
Chairperson of the Faculty Senate

April 18, 2019

UNIVERSITY OF RHODE ISLAND FACULTY SENATE
April 18, 2019

Faculty Senate Curriculum and Standards Committee
Report 2018-2019-12

At the April 4, 2019 meeting of the Curriculum and Standards Committee, the following matters were considered and are now presented to the Faculty Senate.

SECTION I
Informational Matters

GCH 101G or 102G TOPICS FOR GENERAL EDUCATION:

GCH 101G: Interdisciplinary Topics in Civic Knowledge and Responsibilities

(3-4 crs.) Study of important contemporary interdisciplinary topics with substantial relevance to civic knowledge and responsibilities, incorporating substantial attention to ethics. (Lec. 3-4) (C1) (GC)

Topic: U.N. Sustainable Development

(C1, B2-p, GC)

U.N. Sustainable Development Goal 4: Advocating for Quality Education as a Viable Pathway out of Poverty for African youth and families. (Lec. 3) (C1) (GC)

Topic Proposed by: Lynne Derbyshire, Honors Program

SECTION II
Curricular Matters Which Require Confirmation by the
Faculty Senate

COURSES CHANGES:

College of Health Sciences:

KIN 375G, Exercise is Medicine

(Remove prereq.)

(3 crs.) Explores the biological and physiological mechanisms related to physical activity and exercise-induced enhancement of physical and mental health. (Lec. 3) (A1) (B4) (GC)

College of Arts & Sciences:

APG 401, Anthropological Theory and Practice

(Change title, descript, prereq)

(3 crs.) Overview of historical and contemporary anthropological theory; read major theoretical works by anthropologists to examine how they inform cultural theory, help us formulate cultural analysis and understandings of sociocultural life. (Seminar) Pre: APG 200 or 203, and junior standing; or permission of instructor."

PRS 360, Strategic Sport Communication & Media

(Change prereq.)

(3 crs.) This course introduces effective communication and public relations strategies and techniques within an organizational and professional context for sports. Students will explore various communication careers in sports as well as develop skills in print, online, broadcast and social media for sports. (Lec. 3) Pre: COM 203 or PRS 100 or PRS 340 or permission of the instructor.

PSC 472, Civil Liberties

(Change prereq.)

(4 crs.) The problem of human freedom examined in the context of the fundamental rights guaranteed to individuals by the American Constitution. Emphasis on religious liberty, freedom of expression, racial equality, fair criminal procedures, and the protection of personality and privacy. (Lec. 3, Project 3) Pre: PSC/SOC 274 or PSC 334 or PSC 371 or PSC 388. Not for graduate credit. (D1)

PSC 482, Political Science Seminar

(Allow for repeat to 8 credits)

(4 crs.) Intensive studies in various important fields in political science. Class discussion of assigned readings and student reports. Emphasis on independent research. (Seminar) Pre: PSC 210 or PSC 211 or PSC 310. May be repeated up to two times for a total of 8 credits with a different topic.

College of Business:

BUS 301, Intermediate Accounting I

(Change description)

(3 crs.) Theoretical aspects of accounting principles and their application to preparation and analysis of corporate financial statements. Valuation, recognition and disclosure relative to current and long-term assets and revenue recognition. (Lec. 3) Pre: BUS 201 or 201H or permission of instructor. May be repeated once.

BUS 302, Intermediate Accounting I

(Change description)

(3 crs.) Continuation of corporate financial reporting. Topics include stockholder's equity, earnings per share, income taxes, current liabilities, bonds, leases, accounting changes, and statement of cash flows. (Lec. 3) Pre: BUS 301 with a grade of C or better and junior standing in a degree-granting college or permission of instructor.

BUS 220 (320), Financial Management

(Change course number)

(3 crs.) Study of the basic principles of finance and the applications of these principles. Topics include time value of money, risk and return, valuation, capital budgeting and other corporate financial decisions. (Lec. 3) Pre: ECN 201 or ECN 201H or EEC 105, and BUS 201 or 201H, and BUS 210 or STA 308.

BUS 401, Accounting Computer Systems**(Change prerequisite)**

(3 crs.) Accounting information systems and use of the computer for decision making; emphasis on sources of information and employment of analytical tools in solving accounting problems. (Lec. 3) Pre: BUS 301 or concurrent enrollment in 301, BUS 310 or current enrollment in BUS 310, and junior standing in a degree granting college or permission of instructor.

BUS 402, Advanced Accounting**(Change description)**

Consolidation accounting, international accounting issues, and other accounting issues facing multinational, multi-divisional and other complex organizations. (Lec. 3) Pre: BUS 302 or permission of instructor.

College of Engineering:**ELE 423, Electromagnetic Fields II****(Change credits 4-3 and prereq.)**

(3 crs.) Transmission lines, Maxwell's equations, wave equation, reflection and refraction phenomena, polarization effects waveguides and antennas. Design project requiring application of electromagnetic theory and use of numerical methods. (Lec. 3) Pre: (ELE 313, 322, 338, 339, and (credit or concurrent enrollment in 424)) or permission of instructor.

ELE 458, Digital Control Systems**(Change prereq.)**

(3 crs.) Analysis and design of digital control systems using state-space techniques. State feedback and observers. Laboratory includes computer simulation and hardware implementation of control laws for electromechanical systems. (Lec. 3) Pre: ((205 or 208 or BME 207) and 314 and ((338 and 339) or (BME 360 and 361)) and (credit or concurrent enrollment in 459)) or permission of instructor.

ISE/PSY 420, Introduction to Human Factors and Ergonomics**(Add Not for grad credit)**

(3 crs.) Cross-listed with (ISE), PSY 420. A study of human capabilities and their interactions with the systems where they perform their jobs to help engineers and psychologists to optimize design, improve jobs, and enhance system performance. (Lec. 3) Pre: ISE 311 (411) / MCE 411 or STA 412 or permission of instructor. Not for graduate credit.

OCE 206, Ocean Measurements and Instrumentation**(Change credits 4-3)**

(3 crs.) Ocean measurement and instrumentation exercises using boats and laboratories. Includes acceleration, force, wave characteristics, and sediment properties. Application of several techniques related to data sampling and signal processing. (Lec. 2, Lab. 1) Pre: OCE 205, PHY 204 and PHY 274 (or PHY 204H, 274H), or permission of instructor.

OCE 408, Introduction to Engineering Wave Mechanics and Littoral Processes (Chng prereq)

(4 crs.) Description of coastal area. Linear wave theory and applications. Sediment transport and beach dynamics. Coastal protection methods. Coastal engineering problem solving with Matlab. (Lec. 4)

OCE 495, Ocean Systems Design Project I**(Change prereq)**

(3 crs.) Capstone design of an ocean system under the direction of a faculty advisor. Project must include engineering, economic, environmental, safety, and societal considerations. This is first of a two-course ocean engineering design sequence. Pre: OCE 394, senior standing and permission of instructor. Not for graduate credit.

College of Pharmacy:**PHP/BPS 415, Immunology and Immunotherapeutics****(Change course number, title, credits, descrip, prereq)**

(3 crs.) The pathogenesis, etiology, epidemiology, symptomatology, and diagnosis and treatment of autoimmune diseases. The pharmacology and medicinal chemistry of anti-inflammatory, immunosuppressives, and solid-organ graft rejection medications. (Lec. 3) Pre: Second-year Doctor of Pharmacy student (P2) or permission of the instructor.

College of Environment and Life Sciences:**AVS 304 (104), Advanced Animal Management Techniques****(Change title, number, descrip., prereq.)**

(2 crs.) Hands-on course in advanced animal handling and management skills needed to maintain animal health and productivity. (Lec. 1, Lab. 1) Pre: AVS 101 and AVS 102 as well as either AVS 323 or AVS 324.

Alan Shawn Feinstein College of Education and Professional Studies:**SPC 210, History of Organizational Theory for Nonprofit Institutions** **(Change title, description)**

(3 crs.) Planning and evaluation of organizational changes are explored, with emphasis on behavioral practices, contemporary concepts, terminology, models, methods and interventions of organizational development for nonprofit institutions. (Lec 3.)

NEW COURSES:**College of Arts & Sciences:****PRS 370, Sport Branding in the Digital Age**

(3 crs.) This course examines digital branding within the context of the sport media industry. It covers foundations of branding while applying lessons to real-life cases in sport. (Lec. 3) Pre: COM 100 or PRS 100, and COM 203 or permission of the instructor.

College of Engineering:**ELE 424, Electromagnetic Fields II Laboratory**

(1 cr.) Laboratory exercises related to topics in ELE 423. (Lab. 1) Pre: Credit or concurrent enrollment in ELE 423.

OCE 315, Hydrodynamics Laboratory for Ocean Engineers

(1 cr.) Supplemental fluid mechanics and hydrodynamics laboratory for ocean engineers enrolled in fluid mechanics. Covers topics in model testing, force coefficients, potential flow, lifting surfaces, and external fluid flows. (Lab. 1) Pre: Credit or concurrent enrollment in MCE 354 or permission of instructor.

OCE 394, Design Applications in Ocean Engineering

(3 crs.) Application of fundamental design principles for an ocean floating structure. Incorporation of regression analysis, hydrostatic analysis, structural mechanics, and environmental loading in an ocean system concept design. (Lec. 2, Lab. 1) Pre: OCE 315 or permission of instructor.

College of Arts and Sciences:**CCJ 333, Ethics in Criminal Justice**

(3 crs.) An overview of the study of ethics in criminal justice. Students will explore the concepts of ethical thought and decision making in the contexts of criminal justice professions and practices. (Lec. 3) Pre: CCJ or SOC major and junior or senior standing; or permission of instructor.

College of Pharmacy:**PHP 407, Pharmacy Law and Social Administrative Sciences III**

(3 crs.) Application of biostatistics used in biomedical research with further emphasis on critique of biomedical literature. Introduction to health insurance and care settings. Continued exploration of law that governs pharmacy practice. (Lec. 3) Pre: PHP 308, Second-year Doctor of Pharmacy student; or permission of instructor. Not for graduate credit.

PHP 408, Pharmacy Law and Social Administrative Sciences IV

(3 crs.) Introduction to pharmacoeconomics and pharmacoepidemiology with emphasis on critique of biomedical literature. Discussion of healthcare quality and accreditation. Continued application of pharmacy law to pharmacy practice. (Lec. 3) Pre: PHP 407, Second-year Doctor of Pharmacy student; or permission of instructor.

College of Business:**BUS 476, Machine Learning for Business Intelligence**

(3 crs.) Use machine learning models in R to solve business problems such as segmenting markets, forecasting demand, analyzing customer reviews, making online recommendations, and predicting consumer preferences. (Lec. 3) Pre: Linear algebra (MTH 215); Statistics (BUS 211, STA 308, OR STA 409); Marketing Principles (BUS 365); - all with grades of C or better, and Junior Standing.

EXISTING COURSE SEEKING GENERAL EDUCATION:

College of Health Sciences:

PSY 301, Research Methods and Design in the Behavioral Sciences (D1, B4)

(change title, description, prereq)

(4 crs.) Examination of methodological principles and research design applied to the behavioral sciences. Students will review scientific literature on an approved topic, collect and analyze data, and interpret results to prepare research reports. (Lec. 3, Lab.2) Pre: PSY 200 or 200H; WRT 104 or 106. (D1) (B4)

College of Arts and Sciences:

PSC 434, American Foreign Policy

(change prereq) (D1) (C2)

Analysis of the institutions, techniques, and instruments of policy making and the execution of foreign policy. (Lec. 3, Project 3) Pre: PSC 210 or 211 or 310 or permission of instructor. Not for graduate credit. (D1) (C2)

SOC 495, Capstone in Sociology

(change title, description) (D1) (B1-p)

(3 crs.) Integration and application of students' sociological knowledge and skills by examining their education from a sociological perspective. Reflexive analyses of higher education and students' preparation for participation in work and democracy. (Seminar) Pre: senior standing; open only to sociology majors. Not for graduate credit. (D1)

NEW COURSES SEEKING GENERAL EDUCATION:

College of Health Sciences:

CMD 280G, The Real Reason for Brains

(D1, B4-partial, GC)

(3 crs.) This course provides a foundation in normal anatomy and physiology of communication and movement and the impact of neurological disorders with an emphasis on clinical relevance. (Lec. 3) Pre: Sophomore standing and one of the following: BIO 101, CMD 160, KIN 122, or PSY 113. (D1) (GC)