


Serial Number #19-20-11A

The attached BILL titled, Curriculum and Standards Committee Report No. #2019-20-4 (courses), was adopted by vote of the Faculty Senate on November 21, 2019.

The Bill is effective on the date of signature below.

  
Bahram Nassersharif  
Chairperson of the Faculty Senate

November 22, 2019

**UNIVERSITY OF RHODE ISLAND FACULTY SENATE**  
**November 21, 2019**

**Faculty Senate Curriculum and Standards Committee**  
**Report 2019-2020-4**

At the November 7, 2019 (originally scheduled for October 24, 2019) meeting of the Curriculum and Standards Committee and by electronic communication, the following matters were considered and are now presented to the Faculty Senate.

**SECTION I**  
**Informational Matters**

**NEW COURSES (2)**

**COLLEGE OF ENVIRONMENT AND LIFE SCIENCES::**

**AFS 488X, Marine Plastic Pollution**

(3 crs.) Overview of the sources, distribution and impacts of plastics on marine organisms; techniques used to collect, extract and identify marine plastics; solutions and policy considerations. (Lec. 2, Lab. 1) Pre: Students must be of Junior standing or more, or permission of instructor. Not for graduate credit.

**BIO 481X, Biology of Human Health and Disease**

(3 crs.) Application of biological concepts to understand the basis of human diseases and how biology relates to their treatment. Topics include traditional medicine, medical genetics, cancer, and molecular medicine. (Lec. 2, Seminar 1) Pre: BIO 101, BIO/CMB 352 and one or more additional BIO courses at the 200 level or above. Not for graduate credit.

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

**COURSES CHANGES (6)**

**ALAN SHAWN FEINSTEIN COLLEGE OF EDUCATION AND PROFESSIONAL STUDIES:**

**BIS 100, Pro-seminar** (Change description, prereqs, grading method)  
(3 crs.) Introduction to critical approaches to ~~learning~~ interdisciplinary thinking with emphasis on reading and rhetorical skills appropriate to college students. ~~Pre: Must be taken concurrently with URI 101B. S/U credit.~~

**EDC 280, Teacher Program Prep. and Career Development-Math**  
(Title, description, methods of instruction (f-2-f, hybrid, and online versions)  
(1 cr.) Overview and review of required mathematics content and skills for admission into teacher certification programs. Education Program pre-admission test. Focus on content review, test-taking strategies, and time practice test. (Lab. 1, online/Online) This class prepares candidates to be successful in admission to Education programs at the University of Rhode Island.

**COLLEGE OF ARTS & SCIENCES:**

**CSC 211, Computer Programming** (Change title, description, prereq.)  
(4 crs.) Problem specification, solution design, and algorithm development. Topics may include data types, functions, iteration, recursion, object-oriented programming, functional programming, built-in data structures, file operations, numerical and string-based operations. (Lec. 3, Lab. 2) Pre: (C- or better in CSC 110) or (B or better in CSC 106 or in CSC 201 or in CSC 200) or ELE 208 or permission of instructor.

**CSC 499, Project in Computer Science** (Change prerequisites)  
(4 crs.) Supervised work on a capstone project in computer science that prepares students for careers in industry and graduate study. (Practicum) Pre: advanced standing in computer science and departmental approval. Normally taken twice in two consecutive semesters. May be repeated for a maximum of 8 credits. Not for graduate credit. S/U credit.

**GER 112, Intensive Beginning German II** (remove statement)  
(4 crs.) Study of the fundamentals of German with special emphasis on listening and speaking skills. Students enrolling in this course should have taken GER 111 or equivalent. (Lec. 3, Rec. 1/Online)  
~~Not for major credit in German. (A3) (C2)~~

**WRT 201, Writing Arguments****(change title and description)**

(3 crs.) Invent and craft arguments to become a more effective, influential writer. Analyze and critique textual and visual arguments. Identify and use credible evidence. Practice rhetorical strategies. (Lec. 3) (B1) (B4)

**NEW COURSES (20)****COLLEGE OF ARTS & SCIENCES:****CCJ 485, Independent Study**

(3-6 crs.) Advanced work in criminology and/or criminal justice under the discretion of a faculty member. Students may use 3 credits in place of a CCJ elective course, with the approval of the Program Director. Additional credits may be taken and counted toward graduation and upper level requirements. (Independent Study) Pre: Permission of instructor. Not for graduate credit.

**CSC 477, Computer Science Internship**

(4 crs.) Supervised internship in computer science that prepares students for careers in industry. (Practicum) Pre: Advanced standing in computer science and departmental approval. May be repeated for a maximum of 8 credits. Not for graduate credit.

**SOC 250, Social Movements and Change**

(3 crs.) A foundational course that examines theoretical and empirical explanations for social change through social movements, collective action and policy. Focus is on contemporary and historical inequalities and social justice. (Lec. 3) Pre: SOC 100.

**ALAN SHAWN FEINSTEIN COLLEGE OF EDUCATION AND PROFESSIONAL STUDIES:****SPC 403, Positioning Nonprofits: Mission-based Marketing**

(3 crs.) Theoretical and practical applications that show novices how to lead not-for-profit organizations to successes in a competitive world. (Lec. 3) Pre: SPC 210 or permission of instructor.

**SPC 201, Introduction to Professional Leadership Studies**

(3 crs.) Introduction to leadership theories and practices, critical thinking and leadership in the community, civic and diverse workplaces. (Lec. 3)

**SPC 383, Finance and Budgeting Policy for Nonprofits**

(3 crs.) Introduction to language, purposes, uses of nonprofit finance and budgeting research; framing, designing research studies; procedures for generating, analyzing, interpreting issues related to nonprofit finance and budgeting practices, and analysis. (Lec. 3) Pre: SPC 201 or 210 or permission of instructor.

**SPC 450, Leading Through Change**

(3 crs.) Explore the social, political, economic and cultural realities of change and leadership through multiple interdisciplinary frameworks. Emphasis is placed on reexamination of values and assumptions in both character and leadership and skills required to make complex ethical decisions. (Lec. 3) Pre: SPC 201 or permission of instructor. Not for graduate credit.

**SPC 480, Supervised Professional Leadership Experience**

(6 crs.) Supervised professional leadership experience approved by instructor and student's advisor. In-depth examination of leadership experiences (Prac. 4) (Sem. 2) Pre: SPC 201 and senior standing. For students with full-time professional positions, a Prior Learning Assessment (PLA) option may be developed. Not for graduate credit. S/U only.

**EDC 281, Teacher Program Prep and Career Development-Reading**

(1 cr.) Overview and review of required reading content and skills for admission into teacher certification programs. (Lab. 1, online/Online) This class prepares candidates to be successful in admission to Education programs at the University of Rhode Island.

**EDC 282, Teacher Program Prep and Career Development-Writing**

(1 cr.) Overview and review of required writing content and skills for admission into teacher certification programs. (Lab. 1, online/Online) This class prepares candidates to be successful in admission to Education programs at the University of Rhode Island.

**INTERDISCIPLINARY NEUROSCIENCE PROGRAM:****NEU 101, Foundations of Neuroscience**

(3 crs.) Provides the basic concepts and language for the field of Neuroscience. It teaches molecular, cellular, behavioral, and computational mechanisms of the brain. (Lec. 3) Pre: credit for or concurrent enrollment in BIO 101.

**NEU 110, Neurosciences Seminar**

(1 cr.) Interpreting, thinking critically, and presenting neuroscience research from peer-reviewed academic journal articles. (Lec. 1)

**NEU 210, Neuroethics and Diversity**

(3 crs.) Introduction to concepts and ethics and diversity considered essential foundation knowledge for neuroscience research as well as other health related sciences. (Lec. 3)

**NEU 230, Neuroscience Professional Development**

(1 cr.) Introduction to careers in neuroscience and related graduate/professional degree programs. Students will create educational and career plans; write resumes and personal statements; and develop communication skills. (Lec. 1)

**NEU 262, Neuroscience Research Methods**

(4 crs.) Acquire knowledge and tools to solve problems in neurobiology. Topics covered include approaches in neuroscience, behavioral studies, tissue/cell preparation, histology/microscopy, electrode stimulation and molecular characterization. (Lec. 3, Lab. 1) Pre: NEU 101 and BIO 101 and 103.

**NEU 301, Cellular and Molecular Neurosciences**

(3 crs.) Examine essentials of cellular and molecular neurosciences: neuron growth and differentiation, neuromodulation, behavior of neural circuits, cell signaling, neurophysiology, regulation and homeostasis. (Lec. 3) Pre: Bio 101 and 102 and NEU 101.

**NEU 310, Developmental Neurobiology**

(3 crs.) Cellular and molecular mechanisms of developmental neurobiology using examples from invertebrate and vertebrate model organisms, and humans. Topics may include neuronal differentiation, cell-type specification, neuronal migration, cell death, neuronal morphogenesis, and synapse formation.. (Lec. 3) Pre: NEU 101.

**NEU 320, Clinical Neuroscience**

(3 crs.) Foundational principles of neural science followed by current research findings concerning neuroplasticity, brain imaging and brain stimulation techniques, and the physiological bases of psychological disorders and neurodegenerative disease. (Lec. 3) Pre: NEU 101 and PSY 113

**NEU 410, Experiential Neuroscience**

(1-6 crs.) Internship course using practical work experience with guided teaching to help students develop personal, professional, and academic competencies. (Lab. 1-6) Pre: Junior standing and NEU 262, or permission of the instructor. Not for graduate credit.

**NEU 460, Neuroscience Journal Club**

(1 cr.) Seminar focusing on recently published peer-reviewed neuroscience literature and on current techniques and critical assessment of scientific data. (Seminar) Pre: NEU 101, NEU 301 and NEU 320. Not for graduate credit.

**EXISTING COURSES SEEKING GENERAL EDUCATION (3)****ALAN SHAWN FEINSTEIN COLLEGE OF EDUCATION AND PROFESSIONAL STUDIES:****BIS 399, Supervised Senior Project (change descript, prereq, seeking GE D1, B1)**

(3 crs.) ~~A project chosen by the student with faculty guidance on a topic relevant to the student's major, resulting in a paper or other demonstration of academic achievement.~~ **Culminating experience in which students prepare and present a project bringing together materials and methods from several disciplines.** (Independent Study) Pre: senior standing in B.I.S. program and approval of advisor and B.I.S. coordinator. Required of B.I.S. students. BIS 100 (D1) (B1)

**COLLEGE OF ARTS & SCIENCES:**

**CSF 102, Cyber Security Technology and Issues in a Global Society**

**(Change title, descr., remove prereq.; seeking GE - C2, B3, GC)**

(4 crs.) This course provides an overview of the technology, threats, and social impact of cybersecurity. (Lec. 3, Lab. 1/Online) Pre: CSC 106 or CSC 201.

**HONORS PROGRAM:**

**HPR 401, Honors Project**

**(seeking D1, B4-p)**

(3 crs.) (Independent Study) Pre: permission of the director of the Honors Program, and overall GPA of 3.40 or better. (D1) Not for graduate credit.

**NEW COURSES SEEKING GENERAL EDUCATION (2)**

**ALAN SHAWN FEINSTEIN COLLEGE OF EDUCATION AND PROFESSIONAL STUDIES:**

**SPC 491, Supervised Internship Nonprofit Organization**

**GenEd outcomes (D1) (B4-p)**

(6 crs.) Supervised internship in an approved public agency or nonprofit organization, providing students the opportunity to integrate and extend classroom learning with practice. (PRA 6) Pre: SPC 210 or permission of instructor and senior standing. For students with full-time professional positions, a Prior Learning Assessment (PLA) option may be developed. Not for graduate credit. S/U only. (D1)

**COLLEGE OF PHARMACY:**

**BPS/CHE 204G, Nanotechnology: It's a Small World**

**A1, B4, GC**

(3 crs.) This ~~Grand Challenge~~ course introduces students to the fundamental concepts of nanotechnology and its applications, while also providing a basic understanding of the social and ethical implications of implementing nanotechnology in everyday life. (Lec. 3) (A1)( B4) (GC)