

**UNIVERSITY OF RHODE ISLAND FACULTY SENATE**  
**January 24, 2019**

**Faculty Senate Curriculum and Standards Committee**  
**Report 2018-2019-7**

At the January 10, 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**

**College of Health Sciences:**

**HDF 311, Early Field Experience With Adolescents** **Delete course**  
(1 cr.) Supervised observation and participation experience working with adolescents. Pre: concurrent enrollment with HDF 310. S/U only.

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

**COURSES CHANGES:**

**College of Arts & Sciences:**

**ART 221, Painting I** **Change prereq.**  
(3 crs.) Techniques of painting, utilizing as reference the natural and human-made environments. Traditional and contemporary materials. (Studio 6) Pre: ART 101 or 207.

**ART 301, Projects in Studio** **Allow for repeat up to 6 crs. (multi enrollment)**  
IND: (3 crs.) Studio projects under guidance of instructor selected by student. (Independent Study) Pre: permission of chairperson and instructor. May be repeated once for up to 6 credits.

**ART 314, Photography II: B/W Darkroom****Allow repeat up to 9 crs. (no multi enroll)**

Continuation of 213 with emphasis on expanding skills in creative photographic expression, technique and communication. Discussions/papers on contemporary photography. (Studio 6) Pre: ART 213. May be repeated for up to 9 credits with permission of instructor, doing increasingly independent work.

**CSC 212, Data Structures and Abstractions****Change prereq.**

(4 crs.) Abstract data types and data structures. Pointers, linked lists, stacks, queues, binary trees, and tables. Fundamentals of software engineering. Development of object-oriented programming techniques. (Lec. 3, Lab. 2/Online) Pre: C- or better in CSC 211; and MTH 180 or Computer Engineering major.

**CSC 320, Social Issues in Computing****Change prereq.**

(4 crs.) Discussion of the social and ethical issues created by the use of computers. The problems that computers solve and those that they produce. Ethics and responsibilities of computer and data professionals. (Lec. 4) Pre: CSC 110 or Student must be in a degree-granting college.

**CSC 340, Applied Combinatorics****Change prereq.**

(4 crs.) Combinatorial problem-solving for computer science. Set theory and logic, proofs by induction and contradiction, elementary probability; arrangements, selections, distributions, binomials, inclusion-exclusion; recurrence relations and their solution; graph theory, trees, networks. (Lec. 4) Pre: (MTH 180 or MTH 141) and CSC 212, and student must be admitted to a degree-granting college. Student may not receive credit for this course and CSC 447.

**PHL / EGR 316G, Engineering Ethics****Change prereq.**

(3 crs.) Cross-listed as (PHL), EGR 316. A broad introduction to moral theory and its application to engineering, professionalism, and moral responsibility as an engineer. An understanding of engineering in a societal context. (Lec. 3) Pre: sophomore standing, PHL, ISE, or MCE major, or permission of instructor. (A3) (C1) (GC)

**PHL / EGR 316GH, Engineering Ethics****Change prereq.**

(3 crs.) Cross-listed as (EGR), PHL 316H. Honors Section of EGR 316: Engineering Ethics. (Lec. 3) Pre: 3.40 overall GPA, sophomore standing, and PHL, ISE, or MCE major, or permission of instructor. (A3) (C1) (GC)

**SPA 101, Beginning Spanish I****Change description and prereq.**

(3 crs.) Introductory Spanish for beginners. Development of basic communication skills in Spanish and exploration of products, practices and perspectives of diverse Hispanic cultures. (Lec. 3) Pre: no prior Spanish is required. Not open to students who have studied Spanish for more than one year within the last five years. Not open to heritage speakers of Spanish (people who grew up speaking Spanish at home, but completed formal schooling in a language other than Spanish). Not open to native speakers of Spanish (people who grew up speaking Spanish and also completed formal schooling in Spanish-speaking countries). (C2) (A3)

**SPA 102, Beginning Spanish II****Change description and prereq.**

(3 crs.) Continuation of SPA 101. Development of basic communication skills in Spanish and exploration of products, practices and perspectives of diverse Hispanic cultures. (Lec. 3) Pre: Students enrolling in this course should have taken SPA 101 or equivalent. Not open to students who have studied Spanish for more than two years within the last five years. Not open to heritage speakers of Spanish (people who grew up speaking Spanish at home, but completed formal schooling in a language other than Spanish). Not open to native speakers of Spanish (people who grew up speaking Spanish and also completed formal schooling in Spanish-speaking countries). (C2) (A3)

**SPA 103, Intermediate Spanish I****Change description and prereq.**

(3 crs.) Development of intermediate-level communication skills in Spanish and exploration of products, practices and perspectives of diverse Hispanic cultures. (Lec. 3) Pre: Students enrolling in this course should have taken SPA 102 or equivalent. Not open to heritage speakers of Spanish (people who grew up speaking Spanish at home, but completed formal schooling in a language other than Spanish). Not open to native speakers of Spanish (people who grew up speaking Spanish and also completed formal schooling in Spanish-speaking countries). (A3) (C2)

**SPA 104, Intermediate Spanish II****Change description and prereq.**

(3 crs.) Continuation of SPA 103. Development of intermediate-level communication skills in Spanish and exploration of products, practices and perspectives of diverse Hispanic cultures. (Lec. 3) Pre: Students enrolling in this course should have taken SPA 103 or equivalent. Not open to heritage speakers of Spanish (people who grew up speaking Spanish at home, but completed formal schooling in a language other than Spanish). Not open to native speakers of Spanish (people who grew up speaking Spanish and also completed formal schooling in Spanish-speaking countries). (A3) (C2)

**SPA 205, Spanish Language and Style I****Change description and prereq.**

(3 crs.) Advanced-intermediate course focused on development and refinement of all Spanish language skills, with emphasis on writing, through structured practice using Hispanic cultural and literary material. (Lec. 3/Online) Pre: Students enrolling in this course should have taken SPA 104 or equivalent. Not open to native speakers of Spanish (people who grew up speaking Spanish and also completed formal schooling in Spanish-speaking countries). (A3) (C2)

**SPA 206, Spanish Language and Style II****Change description and prereq.**

(3 crs.) Continuation of SPA 205. Advanced-intermediate course focused on development and refinement of all Spanish language skills, with emphasis on writing, through structured practice using Hispanic cultural and literary material. (Lec. 3) Pre: Students enrolling in this course should have taken SPA 205 or equivalent. Not open to native speakers of Spanish (people who grew up speaking Spanish and also completed formal schooling in Spanish-speaking countries). (C2) (A3)

**SPA 210, Spanish for Heritage Speakers****Change description and prereq.**

(3 crs.) Language and cultural studies focused on unique interests and competencies of heritage speakers (people who grew up speaking Spanish, but completed formal schooling in a language other than Spanish). (Lec. 3) Pre: Open only to heritage speakers of Spanish (people who grew up speaking Spanish at home, but completed most or all of their formal schooling in a language other than Spanish). (A3) (C3)

**College of Health Sciences:****HDF 203, Introduction to Work with Children****Change prereq, method of instruction**

(4 crs.) Theory and practice in care, teaching, and guidance of preschool children. Lectures, discussion and participation in a field setting for three hours a week. (Lec. 3, Practicum 1) Pre: HDF major and HDF 200, or permission of instructor.

**HDF 306, Infant Development****Change prereq, method of instruction**

(4 crs.) Study of development in the first three years including family interaction and early education. Emphasis is on cultural differences in parenting. Supervised observation/ participation working with infants and toddlers three hours a week included. (Lec. 3, Practicum 1) Pre: HDF major and HDF 200 or permission of instructor.

**HDF 314, Introduction to Gerontology****Change prereq, method of instruction**

(4 crs.) Introduction to the study of aging processes; Biological, psychological, and social theories. Health, social, and other age-related problems. Lecture, discussion, and participation in a field setting. (Lec. 3, Practicum 1) Pre: HDF major and HDF 201 or permission of instructor.

**HDF 230, Marriage and Family Relationships****Change prereq.**

(3 crs.) Intimate romantic and family relationships are explored across the life span. An emphasis is placed on understanding how personal, cultural, and economic factors impact the quality of family life. (Lec. 3) Pre: HDF major or permission of instructor.

**HDF 310, Adolescent Grow & Development****Change prereq.**

(4 crs.) Physical, psychological, social, and emotional growth and development of the individual during adolescence. Observation/participation working with adolescents three hours a week included. (Lec. 3, Practicum 1) Pre: HDF major and HDF 201 or permission of instructor.

**HDF 312, Adult Development****Change prereq.**

(4 crs.) Identification of influences, processes, and forces shaping adult development through the life course. Integration of theory and research with experimental learning. Lecture, discussion, and participation in a field setting. (Lec. 3, Practicum 1) Pre: HDF major and HDF 201 or permission of instructor.

**KIN/BIO 300, Physiology of Exercise****Change prereq.**

(3 crs.) Cross-listed as (KIN), BIO 300. Applied human physiology, with applications to physical activity, exercise, and sport. Particular attention to acute and chronic adjustments of the circulatory, respiratory, metabolic, and muscular systems with exercise. (Lec. 3) Pre: BIO 121 or BIO 220 and BIO 221 and BIO 222 and BIO 223 or permission of instructor. Open to Kinesiology and Biology majors only.

**KIN/BIO 301, Physiology of Exercise Laboratory****Change prereq.**

(1 cr.) Cross-listed as (KIN), BIO 301. Student participation in laboratory sessions designed to understand the physiology of exercise relating to body composition, EKG, pulmonary, and metabolic functions. (Lab. 2) Pre: BIO 121 or BIO 220 and BIO 221 and BIO 222 and BIO 223 or permission of instructor. Open to Kinesiology and Biology majors only.

**NEW COURSES:****College of Arts & Sciences:****COM 204, Introduction to Sports Broadcasting**

(3crs.) The study & practice of sports broadcasting with emphasis on producing sports feature reports, play-by-play & analyst production for television and radio, production of sports radio talk shows, and anchoring television sportscasts. (Lec. 3) Pre: COM 100.

**Alan Shawn Feinstein College of Education and Professional Studies:****SPC 207, Planning and Analysis for Professional Leaders**

(3 crs.) Examines the components of leadership that have been used and effective in various settings within the workplace. Emphasizes using decision making models to analyze behaviors, align organizational goals, determine consequences and make recommendations for actions leaders can take to solve problems. (Lec. 3) Pre: SPC 201 or permission of instructor.

**College of the Environment and Life Sciences:****CMB 110, Introduction to Biotechnology**

(4 crs.) Introduction to the field of biotechnology including historical development, current technologies and future trends. Molecular and genetic principles and processes used to manipulate living organisms and their products are discussed. (Lec. 3, Lab. 1) Pre: credit for BIO 101 and 103 or concurrent enrollment.

**CMB 405, Drug Discovery and Development**

(3 crs.) This course describes the processes underlying therapeutic drug development for the safe and efficacious treatment of human diseases such as cancer, AIDS, thrombosis and others. (Lec. 3) Pre: CMB 110, 211 and 311. Not for graduate credit.

## **NEW COURSES SEEKING GENERAL EDUCATION**

### **Alan Shawn Feinstein College of Education and Professional Studies:**

#### **SPC 499, Senior Thesis**

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

(3 crs.) Students work in close conjunction with a faculty member on a mutually-agreeable topic that integrates knowledge and skills from coursework and related experiences to demonstrate the relationships among subject matter, theory and practice. (Independent Study) Pre: SPC 201 and senior standing or permission of the instructor. Not for graduate credit. (D1)

### **College of Nursing:**

#### **NUR 382, Designing Innovations in Health and Healthcare**

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

(3 crs.) Students work in interdisciplinary teams to identify problems or needs in health or healthcare and design technology, processes, or services that are sustainable, innovative solutions to these problems/needs. (Seminar, Lab) Pre: Junior or senior standing. (D1)

### **College of Arts and Sciences:**

#### **GWS / ENG / WRT 492, Crossing Borders: Writers Writing Their Lives GE (D1, B1)**

(3 crs.) Cross-listed as (GWS) ENG, WRT 492. This advanced creative nonfiction workshop combines a rigorous commitment to the craft of writing with an investigation of how "crossing borders" functions as a thematic, structural, and feminist framework for helping writers access and create personal essays. (Workshop) Pre: Junior or senior standing or permission of the instructor. Not for graduate credit. (D1) (B1)

## **COURSES CHANGING GENERAL EDUCATION OUTCOMES**

### **Graduate School of Oceanography:**

#### **OCG 250, Global Ocean Data Science Analysis and Visualization instruction (Lec/Lab to Lec), and Change A4-p outcome to B4-full**

**Change method of**

(3 crs.) Students will access oceanographic data from local and global repositories: satellites, floats, and gliders. Students will manipulate, graph, and visualize data of increasing complexity while coding to visualize oceanographic events. (Lec. 3) (B3) (B4)

## **PROGRAM CHANGES:**

### **College of Arts and Sciences:**

#### **Department of Music:**

##### **Bachelor of Music degree, Music Education major:**

The changes proposed aim to make the degree in music education more equitable for all students who successfully pass an audition for acceptance into the music department.

### **College of Health Sciences:**

#### **Create a new Course Code - CHS (College of Health Sciences)**

The proposed CHS prefix stands for the College of Health Sciences and will be used for interdisciplinary undergraduate and graduate courses offered by the college. Two interdisciplinary courses are being proposed as part of the new Ph.D. in Health Sciences (currently under review), which crosses 6 departments/programs (Communicative Disorders, Health Studies, Human Development and Family Studies, Kinesiology, Nutrition and Food Sciences, and Physical Therapy). The prefix will also be used for interdisciplinary, college-wide grand challenge courses that are currently under development. These courses will be topic-specific, rather than departmental specific, and will show different approaches to solving some of the most critical health issues of today. The CHS course prefix will be a signal to students that the course will approach these issues from multiple viewpoints. For example, a course on healthy aging may include faculty from every CHS department/program to demonstrate a lifespan approach staying healthy across the lifespan.

The Director of the PhD in Health Sciences, who has not been identified, will have signature authority for all graduate level CHS courses. The chair of the CHS curriculum committee (currently Associate Dean Brian Quilliam) will have signature authority on all future forms.