

UNIVERSITY OF RHODE ISLAND FACULTY SENATE
April 16, 2020

Faculty Senate Curriculum and Standards Committee
Report 2019-2020-10

At the March 26, 2020 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

COURSES CHANGES (12)

COLLEGE OF ARTS & SCIENCES:

ARB 251G, Contemporary Culture of the Arab World **Add online version**
(4 crs.) English language course analyzes the contemporary daily life and popular culture of the Arabic-speaking world. (Lec. 3, Rec. 1/Online) (A3) (C2) (GC)

ENG 300B, Literature Into Film: Narrative **Delete course**
(4 crs.) Analysis of themes, techniques, printed and film narratives. (Lec. 3)

COLLEGE OF THE ENVIRONMENT AND LIFE SCIENCES:

AFS 101, Freshman Inquiry into Fisheries and Aquaculture **Delete course**
(1 cr.) Introduction for freshmen to the opportunities, careers, research activities, applied outreach, and educational programs in fisheries and aquaculture. Interact weekly with faculty. Explore hands-on modules. (Lec. 1) S/U credit.

AFS 104, Introductory Aquaculture Laboratory **Delete course**
(1 cr.) Field trips to local trout hatcheries, shellfish wholesalers, commercial aquaculture operations, aquaculture gear suppliers, and government research aquaculture facilities. Introduction to water quality monitoring. (Lab. 3) For Aquaculture and Fisheries Science majors. Must be taken concurrently with AFS 102.

AFS 120, Introduction to Fisheries **Delete course**
(2 crs.) Introduction to international fishery issues, practices, patterns, and public policy based on readings and discussion in a tutorial setting. Concurrent registration in 121 required. (Lec. 2)

AFS 121, Introduction to Fisheries Laboratory**Delete course**

(1 cr.) Introduction to local fisheries and selected nearshore fishery ecosystems; exposure to use and operation of exemplary fishing and sampling gears in local fresh waters and estuaries. Concurrent registration in 120 required. (Lab. 3)

AFS 312, Fish Habitat**Delete course**

(3 crs.) An introduction to fish habitat including conservation legislation, identification and mapping, fishing and non-fishing impacts, rehabilitation and socio-economic considerations. (Lec. 3) Pre: AFS 120. Offered in spring of even-numbered years.

AFS 421, Design of Fish Capture Systems**Delete course**

(3 crs.) Detailed study of the design considerations and methods of construction of specific representative commercial and scientific sampling fish capture gear. Full-scale and model nets are designed, constructed, and tested. (Lec. 2, Lab. 3) Pre: AFS 321 or permission of instructor.

AFS 426, Ecological Aquaculture**Delete course**

(3 crs.) Study of the natural and social ecology of aquaculture ecosystems by applying principles of the systems ecology to the management of the world's aquaculture ecosystems. (Lec. 3) Pre: AFS 102. Not for graduate credit.

AFS 434, Aquatic Food Quality and Processing**Delete course**

(4 crs.) Cross-listed as (NFS), AFS 434. Physicochemical and nutritional characteristics of aquatic fish and shellfish; quality assessment and control; principles and applications in handling and processing fish from harvesting to production; and discussion of current issues. (Lec. 3, Lab. 3)

AFS 481, Shellfish Aquaculture Laboratory**Delete course**

(2 crs.) Detailed study of hatchery, nursery, and grow-out techniques for the production of bivalve mollusks. Culture of phytoplankton, conditioning of broodstock, spawning, larviculture, settlement, metamorphosis, nursery and grow-out methods. (Lab. 6) Pre: AFS 201 or permission of instructor. Offered in fall of odd-numbered years.

GCH 101G TOPIC**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)

New Topic Proposed:

1. 50 Million Strong (3 crs.) Proposer: Emily Clapham (C1) (B2-p) (GC)
2. Managing Your Money: Financial Literacy for the 21st Century (3 crs.) Professor: Jayne Richmond (C1) (A2-p) (GC)

SECTION II

Curricular Matters Which Require Confirmation by the Faculty Senate

COURSES CHANGES (21)

COLLEGE OF ENGINEERING:

ISE 445, Facilities Planning and Material Handling

Change prereq.

(3 crs.) Facility layout, facility location, and material handling topics including system requirements, planning, performance analysis, equipment, and economic considerations. Applications include facilities for manufacturing, distribution, healthcare, and service industries. (Lec. 3) Pre: ISE 240 and 332 (432), or permission of instructor.

ISE/PSY 420, Introduction to Human Factors & Ergonomics

Change method of instr.

(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. 2, Lab. 1) Pre: ISE 311 (411) / MCE 411 or STA 412 or permission of instructor. Not for graduate credit.

COLLEGE OF HEALTH SCIENCES:

HDF 203, Introduction to Work with Children

Chng descr. & prereq.

(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. Students will be placed in practicum sites at either the Kingston or Providence URI CDC lab schools. Service Learning. (Lec. 3, Practicum 1) Pre: HDF or ECE major and HDF 200, or permission of instructor.

PHT/CMD 440, Head and Neck Anatomy

Remove prereq.

(3 crs.) Cross-listed as (PHT), CMD 440. Study of structure and function of human head and neck anatomy, supplemented by dissection laboratory. Emphasis on the musculoskeletal, visceral, nervous, and vascular systems related to dental hygiene and communicative disorders. (Lec. 2, Lab. 2)

COLLEGE OF PHARMACY:

BPS 345, Introduction to Pharmaceutical Research

Change method of instr., prereq.

(3 crs.) Provide students with the basic skills necessary for entering the research laboratory environment and provide education for laboratory safety, compliance, ethical issues, and experimental design/analysis. (Lec. 2, Lab. 1) Pre: BPS or INP major and at least sophomore standing.

PHP/BPS 418, Self-Care Therapeutics and Nonprescription Drugs **Chg. title, descr., prereq.**

(3 crs.) Continued development of self-care principles, foundational knowledge about use of self-care products, and integration of clinical reasoning skills in development of a self-care plan. (Lec. 3) Pre: second-year Doctor of Pharmacy Student; PHP 315.

COLLEGE OF THE ENVIRONMENT AND LIFE SCIENCES:**AFS 391, Special Problems and Independent Study Chng descr., method of grading**

(1-3 crs.) Special work to meet individual needs of students in aquaculture, fisheries, and marine technology. (Independent Study) Pre: permission of instructor. S/U only.

AFS 392, Special Problems and Independent Study Chng descr., method of grading

(1-3 crs.) Special work to meet individual needs of students in aquaculture, fisheries, and marine technology. (Independent Study) Pre: permission of instructor. S/U only.

AFS 491, Special Projects Chng descr., method of grading

(1-3 crs.) Work that meets the individual needs of students in aquaculture and fisheries. (Independent Study) Pre: permission of instructor. S/U only.

AFS 492, Special Projects Chng descr., method of grading

(1-3 crs.) Work that meets the individual needs of students in aquaculture and fisheries. (Independent Study) Pre: permission of instructor. S/U only.

AVS 491, Special Projects Change method of grading

(1-3 crs.) Work that meets the individual needs of students in animal and veterinary science. (Independent Study) Pre: permission of instructor. S/U only.

AVS 492, Special Projects Change method of grading

(1-3 crs.) Work that meets the individual needs of students in animal and veterinary science. (Independent Study) Pre: permission of instructor. S/U only.

COLLEGE OF ARTS & SCIENCES:**ENG 387, Queer Literatures, Queer Cultures Change title, description**

(4 crs.) Study of queer cultural productions, literature, and related theory, with a focus on historical, aesthetic, and political developments in ongoing contestations around the representations of gender, sexuality, and identity. (Lec. 3, Project 3) (A3) (C3)

PRS 100, Introduction to Public Relations Add prerequisite

(3 crs.) Examine and explore public relations principles, concepts and emerging trends associated with the role of the PR practitioner. Explore career paths, such as investor relations, community relations, public affairs, and event management. (Lec. 3/Online) Pre: Exploring Harrington (AS_EHAR_BA) or declared PR majors, minors.

PRS 200, Introduction to Event Management Add prerequisite

(3 crs.) Explore principles, concepts and emerging trends pertinent to event management, a significant aspect of public relations. Gain an understanding of the synergy that develops between public relations and marketing. (Lec. 3) Pre: PRS100 or permission of instructor.

PRS 300, Social Media Strategies for the PR Professional**Change prerequisite**

(4 crs.) Students will explore principles, concepts and emerging trends relative to the pervasiveness of social media. Will focus on effectively branding and messaging to niche markets. (Lec. 3, Practicum) Pre: Com Studies major and minors, Sports Media majors and minors, and PR majors and minors, PRS100.

PRS 442, Strategic Media Communication**Change prerequisite**

(3 crs.) Cross-listed as (PRS), WRT, COM 442, JOR 443. Introduces strategic media relation tactics when responding to the media, specifically crisis communication situations. Students gain practical experience in various writing and speaking opportunities to effectively work with the media. (Lec. 3) Pre: Open only to majors in Communication Studies, Public Relations, Journalism, and Writing, Junior standing. Not for graduate credit.

PRS 477, Public Relations Internship**Change prerequisite**

(3 or 6 crs.) Supervised experience in public relations. Requires a minimum of 120 hours (3 credits) or 240 hours (6 credits). Weekly class meeting. May be repeated; maximum of 6 credits allowed toward graduation. Pre: public relations majors only; PRS 331, 332, 340. Permission of instructor and application required. Not for graduate credit.

COLLEGE OF ARTS AND SCIENCES AND UNIVERSITY COLLEGE:**ITR 301, Field Experience I****Change prerequisite**

(3-12 crs.) Field experience gained at placement site through participation in the ITR program. The experience will be defined by a job description and learning contract arranged by the ITR director between the student intern, the intern's faculty advisor, and the relevant agency supervisor. (Practicum) Pre: junior and senior standing, participation in the ITR program, permission of faculty advisor, and (a minimum quality point average of 2.0 or permission of the department chair of the student's major). May be repeated for a maximum of 24 ITR credits. S/U credit.

ITR 302, Field Experience II**Change prerequisite**

(3-12 crs.) Field experience gained at placement site through participation in the ITR program. The experience will be defined by a job description and learning contract arranged by the ITR director between the student intern, the intern's faculty advisor, and the relevant agency supervisor. (Practicum) Pre: junior and senior standing, participation in the ITR program, permission of faculty advisor, and (a minimum quality point average of 2.0 or permission of the department chair of the student's major). May be repeated for a maximum of 24 ITR credits. S/U credit.

COLLEGE OF EDUCATION AND PROFESSIONAL STUDIES:**EDC 484, Practical Teaching Residency II****Change title, description, prereq.**

(6-12 crs.) Engage in an intensive, full teaching load that provides deep instructional practice and experiences related to school-based professional requirements. (Pract.) Pre: methods course(s) of secondary, middle level, elementary, early childhood, music, and world languages education. Not for graduate credit in education. S/U credit except for music.

NEW COURSES (12)

COLLEGE OF PHARMACY:

BPS 206, Foundations of Cannabis Studies

(3 crs.) The history, regulation, and ethics related to cannabis use are explored. The endocannabinoid system and cannabinoid pharmacology are introduced. (Accelerated Online Program)

BPS 312, Cannabis Chemistry and Pharmacognosy

(3 crs.) Natural products produced by the cannabis plant will be described along with methods for their extraction/purification. The genetic basis for strain variability and the entourage effect will be explored. (Accelerated Online Program) Pre: BPS 206.

BPS 314, Cannabis Therapeutics

(3 crs.) Therapeutic effects of cannabis on various medical conditions will be investigated by exploring physiology, pathophysiology, and cannabinoid pharmacodynamics. Adverse effects, drug interactions, and other precautions will be examined. (Accelerated Online Program) Pre: BPS 206.

BPS 316, Cannabis Product Development

(3 crs.) The process of developing safe, reliable cannabis products will be examined from plant material to finished product. Extraction, separation, and analytical techniques will be discussed followed by formulation and GMPs. (Accelerated Online Program) Pre: BPS 206.

COLLEGE OF THE ENVIRONMENT AND LIFE SCIENCES:

AFS 396, Marine Technical Practicum

(3 crs.) Practice through field work of technical skills for application in marine sciences research (e.g. scuba diving leadership, field equipment servicing, operation of instrumentation, and/or boating operations) (Practicum) Pre: AFS 270 or equivalent; Open Water Scuba Diving certification upon approval of course instructor. S/U only.

AFS 399, Aquaculture and Fisheries Internship

(1-6 crs.) Supervised work performed with an environmental agency, nongovernmental organization, or private firm as part of the requirements of the Aquaculture and Fisheries Science program. (Practicum) Pre: permission of instructor. May be repeated for a total of 6 credits. S/U only.

MLS 360, Fundamentals of the Medical Laboratory

(3 crs.) Introduction to the basic concepts and methodologies of medical laboratory science, including clinical aspects of its specialty areas: chemistry, hematology, immunology, immunohematology and microbiology. (Lec. 3) Pre: Credit or concurrent enrollment in CMB 201 or CMB 211.

COLLEGE OF ARTS AND SCIENCES:

COM/FLM 406, Advanced Audio Media

(4 crs.) Cross-listed as (COM), FLM 406. Advanced audio production for media including radio, music, and film. Upon completing, students with Pro Tools 101 pre-certification will be eligible for Pro Tools 110 certification. (Lec. 3, Online 1) Pre: COM/FLM 306.

AMS 490, Intermediate Topics in Applied Mathematics

(1-4 crs.) Topics in applied and computational mathematics. Applications from engineering, biology, finance, data and network science, along with relevant numerical algorithms, will be considered. (Lec. 1-4) Pre: permission of instructor. May be repeated for a maximum of 12 credits.

MTH 490, Intermediate Topics in Mathematics

(1-4 crs.) Topics in advanced mathematics to introduce the student to concepts beyond the standard undergraduate syllabus. (Lec. 1-4) Pre: permission of Chairperson.

SMC 220, Sports Media

(3 crs.) Focuses on fundamental skills and knowledge to produce sports media reporting for traditional print, multi-media; includes principles of journalism, standards of reporting, story structure, style rules, and grammar. (Lec. 3) Pre: COM 100.

SMC 477, Internship in Sports Media and Communication

(1-6 crs.) Provides the student with direct supervised participation in a variety of communication situations and occupations. May be repeated; maximum of 6 credits allowed toward graduation. (Practicum) Pre: 60 credits and 2.50 GPA, and Junior standing in a degree-granting college and permission of instructor. Not for graduate credit. S/U only.

GENERAL EDUCATION (5)**COURSES CHANGING GENERAL EDUCATION OUTCOMES****COLLEGE OF ENGINEERING:****EGR/MAF 213G, Energy and Environment**

Add MAF cross-listing; change C2 to full outcome from partial)

(3 crs.) Cross-listed as (EGR), MAF 213G. Technical, social, and environmental aspects of energy, including energy and the society, energy policy, global challenges of energy, energy systems (fossil fuels, renewables, storage), and environmental pollution of energy systems. (Lec. 3) Pre: MTH 111 or permission of instructor. (A1) (C2) (GC)

EXISTING COURSES SEEKING GENERAL EDUCATION**COLLEGE OF HEALTH SCIENCES:****HDF 205G, Money Skills for Life**

change title, seeking A2, B4, GC

(3 crs.) Introduction to financial issues faced by families and individuals at each stage of the life cycle from different income levels, family types and cultural backgrounds. (Lec. 3/Online) (A2) (B4) (GC)

COLLEGE OF THE ENVIRONMENT AND LIFE SCIENCES:**NRS 309, Wildlife Field Techniques**

Chng title, prereq. seeking (D1, B1-p)

(3 crs.) Application of practical field techniques for quantification and evaluation of wildlife and habitats. Methods of field identification, sampling, and data analysis. (Lab. 4, Project 3) Service learning. Pre: NRS 223, and NRS 305 or concurrent enrollment. (D1)

NEW COURSES SEEKING GENERAL EDUCATION

GRADUATE SCHOOL OF OCEANOGRAPHY:

OCG 120G, The World of Robots

Seeking gen ed (A1, B4, GC)

(3 crs.) A guide to living with robots at home and at work; covering the fundamentals of robotic systems, future trends and surrounding issues such as ethics, privacy, safety and economics. (Lec. 2.5, Lab. .5) (A1) (B4) (GC)

COLLEGE OF ARTS AND SCIENCES:

FRN 152, Contemporary France

Seeking gen ed (B1-partial, C2)

(3 crs.) Study the French identity through selected readings and films. Analyze how language, economy, cuisine, politics, and cinema have defined the French and examine the polemics around these topics now. (Online) (C2)

PROGRAM CHANGES (13)

COLLEGE OF ENGINEERING:

(Contact: Jared Abdirkin)

Biomedical, Chemical, Computer, Civil, Electrical, Industrial and Systems, Mechanical, and Ocean Engineering in coordination with the International Engineering Program (IEP)

Add an "International Engineering Program-Japanese Option" sub-plan to the records of students pursuing the Japanese language as part of the International Engineering program when they are also declared as a Global Language and Area Studies Major- Japanese track.

(See Appendix A)

Mechanical, Industrial & Systems Engineering

(Contact: Jared Abdirkin)

The College Business is changing course codes for BUS 320, 355, & 365, respectively, to 220, 255, & 265. Therefore, given these courses are no longer "300" level or higher, these 3 courses are no longer permitted as professional electives for ISE undergraduates

(See Appendix B)

COLLEGE OF ARTS AND SCIENCES:

BA - Public Relations major:

(Contact: Norbert Mundorf)

The current Notice proposes to replace the existing practice of individualized admission to the B.A. in Public Relations program with standardized admission based on GPA and Prerequisites. Students are expected to have a GPA of 2.5 or better. Also, successful completion of COM100 and PRS100 are prerequisites.

(See Appendix C)

BA - Sport Media and Communication major

(Contact: Norbert Mundorf)

Changing required course in sports media from JOR 220 to SMC 220. Add SCM 477 as an internship option. This is an addendum to the new course proposals.

(See Appendix D)

Department of Music:**BM - Voice Performance****(Contact: Audrey Cardany)**

The curriculum for the BOM Music, Voice performance subplan has not been significantly updated or revised for over 20 years. The Department is proposing changes in the subplan to reflect 21st century skills and competencies needed for career paths in vocal performance. We believe this proposal to be a much stronger and vibrant curriculum for our students.

(See Appendix E)**INTERDISCIPLINARY:****Sustainability Minor:****(Contact: Valerie Maier Sperdelozzi)**

Adding newer courses for inclusion in Sustainability Minor which were requested by the instructors, updating course numbers where errors existed, adding “G” for grand challenge designation on several courses, and deleting courses that no longer exist.

(See Appendix F)**COLLEGE OF HUMAN SCIENCES:****Human Development and Family Studies:****(Contact: Brian Quilliam)****BS Human Development and Family Studies major****(See Appendix G)**

1. Department Name Change
2. Changes to admission requirements
3. Curricular Changes: Internship sequence; adding HDF 357; change concentration names

Health Studies:**(Contact: Brian Quilliam)****BS Health Studies major**

Correct HLT 100 to HLG 100G; add NFS 212G as an option to Health Promotion specialization; add NFS 524 as an option to Global Health specialization.

(See Appendix H)**Kinesiology:****(Contact: Brian Quilliam)****BS Kinesiology major**

The Kinesiology Department is seeking the following change to our curriculum:

- 1) Removal of KIN 278 from the core requirements, to be replaced with an additional professional elective

KIN 278 is a course that was taught by a faculty member who is no longer housed in Kinesiology, and will not be offered going forward. As a replacement, students should complete one of the classes listed in the professional electives in the Applied Exercise science track: KIN 243, KIN 375G, 401, 414, NFS 360, PSY 255, or another KIN course. Applied students are already required to choose 2 of these in their track, so they would take a third course, while pre-professional students would only need to choose one to replace the credits from KIN 278.

(See Appendix I)**COLLEGE OF ENVIRONMENT AND LIFE SCIENCES:****(Contact: Rebecca Brown)****BS - Cell and Molecular Biology - Microbiology Option**

This change is to update the catalog description for the CMB degree – Microbiology Option. CMB 422, listed as a professional elective, is a course that no longer exists.

(See Appendix J)

BS - Cell and Molecular Biology - Biochemistry Option

This change is to update the catalog description for the CMB degree – Biochemistry Option. Both CMB 312 and CMB 412 are Biochemistry laboratory courses. We now require those in the Biochemistry Option to take the more advanced laboratory (CMB 412). Other minor changes to the professional electives are indicated below. **(See Appendix K)**

BS - Medical Laboratory Science

(See Appendix L)

The Medical Laboratory Science (MLS) undergraduate program, housed within the Department of Cell and Molecular Biology, is making the following modifications to the major curriculum:

- Remove CHM 226 (2 cr.), CHM 227 (3 cr.), CHM 228 (3 cr.) and CMB 432 (3 cr.) as required courses.
- Add CHM 124 (3 cr.), CHM 126 (1 cr.), CMB 352 (4 cr.), MLS 360 (3 cr.) and STA 307 or STA 308 (3 cr.) as required courses.
- Add a requirement for 6 credits of professional electives selected from the following courses: BIO 341 (3 cr.), CMB 320 (3 cr.), CMB 334 (3 cr.), CMB 432 (3 cr.), CMB 435 (3 cr.) and CMB 437 (3 cr.)

COLLEGE OF PHARMACY:

Doctor of Pharmacy Program:

(Contact: Kristina Ward)

The College of Pharmacy and the Curriculum Committee of the College have considered over the last several years, how best to update the PharmD program. Reasons for the changes include: 1) passage of new accreditation standards (ACPE Standards 2016 were released just after our last accreditation process in 2016. Our next accreditation process will take place in the Fall of 2023 and Spring of 2024), 2) update course material to reflect new disease treatments and, 3) adjust the curriculum to improve student success. In the Spring of 2019, the Faculty Senate approved our first phase of this process and we now complete curricular revision with this request for change. **(See Appendix M)**

NEW PROGRAMS (2)

COLLEGE OF ENVIRONMENT AND LIFE SCIENCES:

Undergraduate Marine Technical Certificate Program

(Contact: Rebecca Brown)

(See Appendix N)

The URI Marine Technical Certificate Program provides students with experiential learning opportunities to acquire technical skills and professional certifications needed for marine-related research careers. Skills include boat handling, scuba diving, underwater research, equipment maintenance, and troubleshooting in adverse conditions in field-based settings. These skills are critical for performance in disciplines such as marine biology, oceanography, aquaculture, fisheries, biological sciences, biomedical technology, natural resources science, ocean engineering, underwater archaeology, and maritime history. Participants will acquire field-based experiences and the necessary professional certifications per the American Academy of Underwater Sciences (AAUS), the World Recreational Scuba Training Council (WRSTC), and any relevant equipment service technician certifications. Upon completion of this undergraduate certificate, students will marine and environmental issues, 2) demonstrate practical and technical skills in scuba diving, boating operations, and specialized underwater research necessary for fieldwork, and 3) apply knowledge to troubleshoot equipment related issues when conducting research. The Marine Technical Certificate Program will provide a formal certificate acknowledging this experiential learning as well as real-world, practical experience necessary for most field-based positions in marine-related research careers.

COLLEGE OF PHARMACY: (Contact: Kristina Ward) (See Appendix O)

Biomedical and Pharmaceutical Sciences

Undergraduate Certificate in Cannabis Studies 7-week accelerated online program

The online Certificate in Cannabis Studies will consist of 4 three-credit courses. A foundational course will introduce the fundamentals needed to take the remaining courses in any order. It will also serve to acquaint the students with a limited science background to the key chemical and pharmacological principles necessary to successfully continue their studies. The remaining three courses will develop core competencies in natural product separation and analysis, safe product development and manufacturing, and the evaluation of the therapeutic potential of cannabis. Throughout the certificate program, the students will be working on a pinnacle assignment synthesizing the concepts in each course together and culminating with a real-world experience of researching and designing, in concept, a cannabis product.