

**UNIVERSITY OF RHODE ISLAND FACULTY SENATE**  
**March 22, 2018**

**Faculty Senate Curricular Affairs Committee**  
**Five Hundred and Forty-seventh Report**

At the February 26, 2018 meeting of the Curricular Affairs Committee and by electronic communication, the following matters were considered and are now presented to the Faculty Senate.

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

**TEMPORARY COURSES:**

**COLLEGE OF ENVIRONMENT AND LIFE SCIENCES:**

**AVS 327X, Zoo Animal Management**

(3 crs.) Experts discuss zoo animal care and the role of zoos in modern society with an emphasis on education, conservation, and research. Held at Roger Williams Park Zoo; additional costs apply. (Lec. 3) Pre: Sophomore standing and above, BIO 101 and 102.

**BIO 263X, Introduction to Ecological Data Analysis**

(1 cr.) Learn to analyze ecological data. (Lec 1) Pre: previous or concurrent registration in BIO 262. (Lec. 1) Pre: previous or concurrent registration in BIO 262.

**ONLINE SECTIONS:**

**COLLEGE OF ARTS AND SCIENCES:**

**THE 338G, Ethical Dilemmas in Contemporary Theatre**

(3 crs.) Exploration of ethical dilemmas raised by contemporary dramatic works and the history of theatre as a tool for social activism. (Lab., Seminar/Online) (C1) (D1) (GC)

**COLLEGE OF NURSING:**

**THN / NUR 260 Impact of Death on Behavior**

(3 crs.) Cross-listed as (NUR), THN 260. Seminar to explore the human experience of dying and the issue of quality of life. Group discussion focuses on the effect that individual and social values and medical and social structures have on one's grief response and bereavement process. (Lec. 3/Online) (A2) (C3)

**COURSE DELETIONS:**

**COLLEGE OF ENVIRONMENT AND LIFE SCIENCES:**

**AFS 210, Introduction to the Marine Environment**

**AFS 211, Introduction to the Marine Environment Laboratory**

**AFS 315, Living Aquatic Resources**

**AFS 316, Living Aquatic Resources Laboratory**

**AFS 332, Interactions between Fisheries and Protected Species**

## **SECTION II**

### **Curricular Matters Which Require Confirmation by the Faculty Senate**

#### **NEW COURSES:**

##### **COLLEGE OF ARTS AND SCIENCES:**

###### **AAF 477, Internship in Africana Studies**

(1-6 crs.) Supervised professional experience with a relevant agency or organization. Activities and expectations to be determined between site supervisor and intern and approved by a faculty advisor, prior to registration. May be repeated for up to 12 credits. Not for graduate credit.

###### **CSC/DSP 310, Programming for Data Science**

(4 crs.) Data driven programming; data sets, file formats and meta-data; descriptive statistics, data visualization, and foundations of predictive data modeling; accessing web data and data-bases; distributed data management. (Lec. 3, Lab. 2) Pre: CSC201 or CSC211 or equivalent, or permission of instructor.

###### **CSF / CSC 438, Introduction to Penetration Testing**

(4 crs.) This course provides an overview of techniques used in assessing the security of networks and identifying vulnerabilities. Topics include network traffic analysis, session hijacking, social engineering, application exploitation, rootkits, network sniffers as well as developing threats. (Online) Pre: CSF 432. Not for graduate credit.

###### **FLM 220, Topics in Intermediate Film Production**

(4 crs.) Lectures and practical projects providing aesthetic and technical proficiency in components of video camera handling, lighting, sound, and/or editing methods and filmmaking techniques, strategies and protocols. May be repeated for a maximum of 12 credits with change of topic. (Lec. 4) Pre: FLM 110 or permission of instructor.

###### **MUS 256, Somatic Education for Musicians**

(2 crs.) Study of the human body as a musical instrument for healthy, efficient, and expressive performance through singing and playing instruments. Students acquire knowledge and skills in refining and correcting their body map and learn to apply techniques in music teaching and performing settings. Designed for students majoring or minoring in music. (Lec. 2) Pre: Acceptance into music department or instructor permission.

##### **COLLEGE OF BUSINESS:**

###### **BUS 349, Special Topics in Entrepreneurship & Innovation**

(3 crs.) Selected topics of current interest in entrepreneurship and innovation. (Lec. 3) Pre: BUS 149 and BUS 201, Junior standing or permission of instructor.

###### **BUS 405, End-User Development for Business Analysis**

(3 crs.) Tools and techniques for developing end-user software applications (in VBA) for use in today's business environment. Designed for students who have no prior experience in computer programming. (Lec. 3) Pre: Open to juniors and seniors in the College of Business Administration, completion of BUS310 or permission of instructor. Not for graduate credit.

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

###### **AFS 215, Fisheries Science**

(3 crs.) Introduction to principles of fisheries as an interdisciplinary science including biology, ecology, anthropology, and oceanography. Practical skills for research in the marine and freshwater environment. (Lec. 2, Lab. 1) Pre: AFS 105G

## **COURSE CHANGES:**

### **COLLEGE OF ARTS AND SCIENCES:**

#### **Change credits:**

##### **ARB 325, Topics in Arabic Studies in Translation**

(1-4 crs.) Topics in Arabic literature, culture, and language taught in English using texts in translation. May be repeated with different topic. (Lec. 1-4)

#### **Change prerequisite:**

##### **CSC 201, Introduction to Computer Programming**

(4 crs.) Computer characteristics, algorithms, data representation, program development. Students will write several programs to solve numerical and nonnumerical problems. (Lec.3, Lab. 2) Pre: May not be taken for credit by students with credit in 200 or 211. (B3)

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

#### **Change credits and prerequisite:**

##### **AFS 201, Shellfish Aquaculture**

(4 crs.) Culture of marine and freshwater mollusks. Emphasis on life history, biological requirements, culture practices, and economic importance of major species used for human food or shell products. (Lec. 3, Lab. 3) Pre: AFS 105G.

#### **Change title and description:**

##### **PLS 325, Hydroponic & Greenhouse Vegetable Production**

(2 crs.) Hands-on instruction in vegetable production with emphasis on season extension techniques such as high and low tunnels, hydroponic greenhouse production, and production of transplants. (Lab. 2) Pre: PLS 105 or BIO 102 or permission of instructor.

#### **Change description and prerequisites:**

##### **AFS 321, World Fishing Methods**

(3 crs.) An introduction to fish catching methods and gears used throughout the world including the interaction between the gear, the species and related behavior, and the ecology and habitat associations. (Lec. 3) Pre: AFS 105G and concurrent enrollment in AFS 322. Offered in spring of odd-numbered years.

#### **Change course description:**

##### **AFS 322, Laboratory for World Fishing Methods**

(1 cr.) Introduction to techniques and skills in fish catching methods and gears used throughout the world. (Lab. 3) Pre: AFS 105G and concurrent enrollment in AFS 321. Offered in spring of odd-numbered years.

## **PROGRAM PROPOSALS**

### **COLLEGE OF ARTS AND SCIENCES:**

#### **Communication Studies Department: (see Appendix A)**

#### **Creation of five (5) focus areas for the Communication major in the Bachelor of Arts degree program:**

Create three-course focus areas in:

- Public Communication and Persuasion
- Media Studies
- Intercultural and Interpersonal Communication
- Organizational and Professional Communication, and
- Science, Environmental and Health Communication.

Students may select three courses to fulfill a focus area. Note that none of the focus areas includes required core courses (Com 202, 221, 381, 382 & 383). The focus areas provide students with a suggested sequence of courses that adds structure and coherence to an increasingly diverse curriculum. Moreover, focus areas help us suggest and link the curriculum with career pathways. Consistent with the academic strategic plan, it will provide students in the major with an opportunity to customize the major that more effectively cohere around specific career objectives. Lastly, a 9-credit or three-course sequence constitutes a concentration to be noted on students' transcripts.

### **BA in Computer Science: (see Appendix B)**

We are proposing two minor changes to the requirements for a BA in Computer Science:

1) We propose to change the math courses required for a BA in Computer Science. Specifically, the new requirements will be as follows:

MTH 180 and one more course from MTH 131, 141, 215; STA 307, 308, 409.

2) We propose to change the list of courses from which a student can choose CSC electives. Specifically, the new list will be:

"one programming course from the following: CSC 402, 406, 415, 436, 450, 462, 481, 493; one additional CSC or CSF course at the 300-level or above, except that CSC 392, 491 may be used only with prior departmental approval. CSC 494 and 499 may not be used."

### **BS in Computer Science: (see Appendix C)**

We are proposing two minor changes to the requirements for the BS in Computer Science:

1) We propose to change the math courses required for a BS in Computer Science. Specifically, the new requirements will be as follows:

MTH 180, MTH 141, MTH 142 and one more course from MTH 215, 243, 244, 362, 382, STA 307, 308, 409, 411, 412

2) We propose to change the list of courses from which a student can choose CSC electives. Specifically, the new list will be:

"one course from CSC 402, 406, 415, 436, 450, 462, 481 and 493 (4); any two additional CSC or CSF courses at the 300-level or above, only one of the two courses may be a CSF course; CSC 392, 491 may be used only with prior departmental approval. CSC 494 and 499 may not be used."

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

### **Fisheries, Animal and Veterinary Science Department:**

#### **Bachelor of Science in Aquaculture and Fishery Technology (see Appendix D)**

- Change the name of the major from Aquaculture and Fishery Technology to Aquaculture and Fisheries Science BS.
- Change the degree name from Aquaculture and Fishery Technology to Aquaculture and Fisheries Science BS.

Rationale: Our program provides students with a strong foundation in the basic sciences and the specialized knowledge and skills needed to succeed in both professional and academic careers in Aquaculture and Fisheries. The change in name to Aquaculture and Fisheries Science is consistent with the rigor and strong focus of the program on basic sciences. It is also a better reflection of the vision and mission of the Department of Fisheries, Animal and Veterinary Science and our faculty, which have a strong focus on research in the areas of Aquaculture and Fisheries Science.

## **COLLEGE OF HEALTH SCIENCES:**

### **Human Development and Family Studies – Early Childhood Education and Teacher Certification Program (TCP): (see Appendix E)**

HDF 208 has been approved as the replacement of HDF 357 and NFS 207/210 (and as Gen Ed) currently required for the early childhood teacher certification program, this changes should be included in the curriculum worksheets for both the TCP and the regular ECE.

## **COLLEGE OF PHARMACY:**

### **Changes to Pharm.D. Progression Requirements to the Professional Program: (see Appendix F)**

The changes we are requesting to the published requirements for progression from sophomore to P1 standing address negative changes in the quality metrics the college is required to report to ACPE and to clarify currently existing language to eliminate any potential for confusion.

- Increase required science GPA from 2.5 to 2.7
- Require overall GPA of 3.0
- Improve language describing required interview.