

**GRADUATE CURRICULAR REPORT #2019-20-6**  
**GRADUATE COUNCIL NOVEMBER 4, 2019**  
**FACULTY SENATE NOVEMBER 21, 2019**

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

**400-Level Course Changes**

**COLLEGE OF ARTS AND SCIENCES**

**Sociology and Anthropology**

**APG 417 Archaeological Method & Theory**

Course description: Theoretical and methodological approaches in archaeology, with an emphasis on skills and knowledge needed by professionals in the field, including ethical responsibilities. Laboratory demonstrations. Prerequisites: APG 202 and junior standing; or permission of instructor. *3 credits.*

*Description and prerequisite change*

**APG 427 Senior Seminar: Unity of Anthropology**

Course Description: Capstone course for anthropology program, with emphasis on all four subfields. Majors will integrate subfields and apply anthropological thinking to contemporary environmental, social, or health issues. Includes career development component. (D1) *4 credits.*

*Description change and existing course to qualify as General Education*

**COLLEGE OF ENVIRONMENT AND LIFE SCIENCES**

**Department of Biological Sciences**

**BIO 418 Ecology of Marine Plants**

Ecology, development, and physiology of marine algae and higher plants. Topics include competition, herbivory, nutrient uptake, photosynthesis, and growth. *4 credits.*

*Course deletion*

**500-Level Course Changes**

**COLLEGE OF ARTS AND SCIENCES**

**Computer Science and Statistics**

**CSF 590 Cybersecurity Internship**

This course provides each student with a professional experience working on an internship, applying technical and professional cyber security skills.

*Prerequisite change*

## COLLEGE OF ENVIRONMENT AND LIFE SCIENCES

### Department of Biological Sciences

#### **BIO 513 Functional Morphology**

Advanced study of the evolution and biological role of organismal structure including critical evaluation of recent research in functional morphology with an emphasis on vertebrates. 3 credits.

*Course deletion*

#### **BIO 515 Light Microscopy Research Methods**

Introduction to optical techniques and biological specimen preparation for light microscopy with emphasis on application of these methods in biological research. Topics include optics, embedding and sectioning, fluorescence and immunocytochemistry, and computer image analysis. 4 credits.

*Course deletion*

#### **BIO 524 Methods In Plant Ecology**

Methods in analysis of vegetation and microenvironments. Emphasis on quantitative techniques in analysis of vegetation, soil, and microclimate; techniques in physiological ecology. 3 credits.

*Course deletion*

#### **BIO 541 Comparative Physiology of Marine Animals**

Comparison of physiological mechanisms by which animals maintain life with emphasis on marine invertebrates. Responses to external environment mediated by receptors, nervous systems, effectors. Living control systems for muscular activity and circulation. 3 credits.

*Course deletion*

#### **BIO 553 Regulatory Processes in Eukaryotic Cells**

Regulation of eukaryotic cell biology by processes governing organization and function, including transport, protein sorting, signal transduction, gene expression, and changes in the cytoskeleton. Focus on GTP-binding proteins and protein kinases. 3 credits.

*Course deletion*

#### **BIO 560 Seminar In Plant Ecology**

Recent topics and investigations pertinent to plant ecology. Library research, oral presentation of reports, and group discussions. 2 credits.

*Course deletion*

#### **BIO 571 Natural Selection**

Ideas and controversies concerning the action of natural selection. Maintenance of genetic variability, neutral mutation, levels of selection, recombination and sexual reproduction, and rates of evolution. 3 credits. *Course deletion*

## COLLEGE OF HEALTH SCIENCES

### Department of Communicative Disorders

#### **CMD 550 Audiology for Speech-Language Pathologists**

Introduction to audiology for the speech-language pathology graduate student. Hearing disorders, hearing assessment, child and adult aural rehabilitation. 1-3 credits.

*New Title: Audiology for Speech Pathologists. New credits: 2.*

## COLLEGE OF NURSING

### **NUR 566 ACNP Practicum I: Adult**

Application of clinical decision making skills necessary to the management of adults who are acutely or critically ill in hospital emergency, acute and critical care units. *3 credits.*

*Change in credits corresponding to an increase in clinical hours: New credits: 6.*

## 600-Level Course Changes

## COLLEGE OF ENVIRONMENT AND LIFE SCIENCES

### Department of Biological Sciences

### **BIO 663 Phytoplankton Physiology**

Metabolic processes and methods of their investigation in phytoplankton with primary emphasis on functions pertinent to their ecology. Includes adaptation, uptake of nutrients, excretion, rhythms, pigments, and photosynthesis. *3 credits. Course deletion.*

## SECTION II

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

## Notice of Change

**MS Kinesiology** – Elimination of the Cultural Studies of Sport and Physical Culture specialization in the Kinesiology Master of Science program. (See Appendix A)

**MS Kinesiology** – Elimination of the requirement of KIN 578, Cultural Studies of Sport and Physical Activity, for the Psychosocial/Behavioral Aspects of Physical Activity specialization in the Kinesiology Master of Science program. (See Appendix B)

**MS Dietetics** – Elimination of the requirement for a written exam for the MS in Dietetics degree (non-thesis). (See Appendix C)

**Marine Affairs (MA and PhD)** – Removing the GRE as a requirement for admission to MAF graduate programs. (See Appendix D)

**Graduate School of Oceanography (MS and PhD)** – Removing the GRE as a requirement for admission to GSO graduate programs. (See Appendix E)

**MA History** – Creation of the following tracks: General history; gender, sexuality and history; political and applied history; race, ethnicity and history; religion and history; Rhode Island history; archaeology and anthropology. (See Appendix F)

**Doctorate of Business Administration** – Creation of the DBA course code for the new Doctorate of Business Administration program. (See Appendix G)

## **400-Level New Course Proposals**

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

#### **Department of Biological Sciences**

##### **BIO 416 Intertidal Ecology**

The ecology of intertidal shores within New England, with a focus on common marine macroalgae. Includes field surveys, specimen identification, and an emphasis on research planning and hypothesis testing. *4 credits.*

## **500-Level New Course Proposals**

### **COLLEGE OF BUSINESS**

##### **MHM 504 Economics of Healthcare Management**

This course examines the production of health, healthcare, and healthcare markets. *3 credits.*

##### **MHM 508 Data Analytics for Healthcare Management**

This course will cover how to best analyze, categorize, and manage data that are encountered in healthcare industry; statistical analysis techniques; value-based purchasing analytics and risk adjustment. *3 credits.*

##### **PSA 502 Global Supply Chain and Operations Strategy**

The purpose of this course is to cover the strategic relationships necessary for supply chain management as well as the tactical activities of logistics, purchasing and operations from a global perspective. *3 credits.*

##### **PSA 508 Supply Chain Network Design**

The purpose of this course is to aid students in modeling existing supply chains. Using software, students will develop optimal sourcing and distribution networks. *3 credits.*

##### **PSA 509 Lean Six Sigma Innovation Protocols**

The purpose of this course is an introduction to Lean Six Sigma Operations and a multitude of techniques that are used in the evaluation and analysis of business processes. *3 credits.*

### **COLLEGE OF PHARMACY**

#### **Department of Pharmacy Practice**

##### **PHP 509 Pharmacotherapy for Pediatric and Geriatric Populations**

Course focuses on the pharmacotherapy needs of pediatric and geriatric populations. Emphasis will be placed on identifying special considerations unique to each population when communicating and developing treatment plans. *3 credits.*

## **600-Level New Course Proposals**

### **COLLEGE OF HEALTH SCIENCES**

#### **CHS 601 Seminar in Health Sciences**

Reports and discussions of current topics in health sciences, as well as oral reports of dissertation research topics in progress. May be repeated for a maximum of 3 credits. *1 credit.*

#### **CMD 691 Research in Communicative Disorders**

Assigned research on an advanced level. Students are required to outline the problem, conduct the necessary literature survey and experimental work, and present their observations and conclusions in a report. (Independent Study). May be repeated for up to 6 credits. *1-3 credits.*

#### **CMD 699 Doctoral Dissertation Research**

Number of credits is determined each semester in consultation with the major professor or program committee. (Independent Study). S/U credit. *1-12 credits.*

#### **HDF 691 Research in Human Development & Family Studies**

Assigned research on an advanced level. Students are required to outline the problem, conduct the necessary literature survey and experimental work, and present their observations and conclusions in a report. (Independent Study). May be repeated for up to 6 credits. *1-3 credits.*

#### **HDF 699 Doctoral Dissertation Research**

Number of credits is determined each semester in consultation with the major professor or program committee. (Independent Study). S/U credit. *1-12 credits.*

#### **KIN 691 Research in Kinesiology**

Assigned research on an advanced level. Students are required to outline the problem, conduct the necessary literature survey and experimental work, and present their observations and conclusions in a report. (Independent Study). May be repeated for up to 6 credits. *1-3 credits.*

#### **KIN 699 Doctoral Dissertation Research**

Number of credits is determined each semester in consultation with the major professor or program committee. (Independent Study). S/U credit. *1-12 credits.*

#### **PHT 650 Elective Topics Related To Physical Therapy**

Instruction, observation, seminar and/or participation in a variety of topics related to Physical Therapy. *1-2 credits.*