Section I
Informational Matters

400 LEVEL COURSE CHANGES

College of Engineering
Ocean Engineering

OCE 408  
Introduction to Engineering Wave Mechanics and Littoral Processes
New prerequisites: PHY 205, MCE 354, OCE 315 and OCE 301, or permission of instructor.

Electrical, Computer, and Biomedical Engineering

ELE 423  
Electromagnetic Fields II
Reduce credit from 4 to 3 with concurrent creation of a required 1 credit laboratory course
New prerequisites: (ELE 313, 322, 338, 339, and credit or concurrent enrollment in 424)) or permission of instructor.

College of Arts & Sciences
Political Science

PSC 434  
American Foreign Policy
Make eligible for Graduate credit.

500 and 600 LEVEL COURSE CHANGES

College of Environment and Life Sciences
Cell and Molecular Biology

CMB 500  
Principles and Techniques of Molecular Cloning
Course deletion.

CMB 506  
Biology of Eukaryotic Microorganisms/ Protists
Course deletion.

CMB 523  
Special Topics in Biochemistry
New title: special Topics in Cell and Molecular Biology

CMB 524  
Special Topics in Biochemistry
Course deletion.

CMB 593  
The Literature of Bacteriology
New title: The Literature of Cell and Molecular Biology
New Description: Thorough study of original literature of some aspect of cell and molecular biology. Written abstracts or papers on assigned topics are discussed in weekly conferences with instructor.
CMB 594  The Literature of Bacteriology
Course deletion.

CMB 651  Research in Biochemistry
New title: Research in Cell and Molecular Biology

CMB 652  Research in Biochemistry
Course deletion.

CMB 691  Special Problems in Microbiology
New title: Special Problems in Cell and Molecular Biology

CMB 692  Special Problems in Microbiology
Course deletion.

CMB 930  Workshop in Microbiology Topics for Teachers
Course deletion.

College of Nursing

NUR 671  Role Development in Nursing Research
New Prerequisites: Doctoral Standing in Nursing.

Section II
Curricular Matters Which Require Confirmation
By the Faculty Senate

NEW COURSE PROPOSALS

400 LEVEL

College of Engineering

ELE 424  Electromagnetic Fields II Laboratory
Laboratory exercises related to topics in ELE 423. (Lab 1) Prerequisites: Credit or concurrent enrollment in ELE 423.

College of Environmental and Life Sciences
Cell and Molecular Biology

CMB 420X  Microbiomes, Biofilms and Bacterial Communities
Description: A study of bacterial microbiomes and their interaction with hosts and/or their environment. Emphasis will be placed on attached bacterial communities in environmental and disease contexts. (Lec. 3) Prerequisites: either CMB 201 or CMB 211, and CMB 311; or Graduate Standing.
500 and 600 LEVEL

College of Engineering
Mechanical, Industrial and Systems Engineering

ISE/PSY 520  Human Factors & Ergonomics
A study of human capabilities, mental and physical, and their interactions within the systems where they perform their jobs to help optimize design, improve jobs, and enhance system performance. (Lec. 3) Prerequisites: Graduate standing or permission of instructor. This course is not open for the students who have prior credit in the 400-level version (ISE/PSY 420).

ISE/PSY 521  Human Systems Engineering
A study of human capabilities via mental processing and decision making models where students will learn to develop, use, and validate models of human cognitive performance for individuals and teams. (Lec. 3) Prerequisites: Graduate standing or permission of instructor.

College of Education and Professional Studies

EDP 600  Academic Reading & Writing for Doctoral Studies
Students develop and practice academic reading, writing, and thinking skills involved in professional practices of educational research and publishing communities. Course emphasizes scholarly identity and writing cogent literature reviews. (Lec. 2, Sem. 1)

EDP 601 First Year ProSeminar for Ph.D. in Education
Students are introduced to educational research paradigms and related areas of program faculty expertise. Course focuses on engaging in academic conversations and multiple ways to address research problems in education. (Sem. 3)

College of Environmental and Life Sciences
Natural Resources Science

EVS 509  Web-based Mapping 1
This course is designed to provide grounding in the conceptual foundations of GIS while developing competency using web-based GIS tools to explore and communicate spatial information. (Online 2) Prerequisites: Enrolled in Graduate Certificate in Natural Resources and Environment or permission of instructor.

EVS 511  Web-based Mapping 2
This course is designed to develop expertise using web-based GIS tools to analyze spatial patterns and relationships that re relevant to environmental and natural resource management. (Online 2) Prerequisites: Enrolled in Graduate Certificate in Natural Resources and Environment and EVS 509 or permission of instructor.

EVS 514  Environmental Data Management and Visualization
This course focuses on developing knowledge and skills to manage environmental datasets using best practices to ensure data quality as well as employing standard approaches to summarize and communicate findings. (Online 2) Prerequisites: Enrolled in Graduate Certificate in Natural Resources and Environment or permission of instructor.
EVS 515    Environmental Data Analysis
This course will provide a foundation for analyzing environmental datasets to inform scientific understanding and management decisions, with a particular focus on tools for natural resource management and monitoring. (Online 2) Prerequisites: Enrolled in Graduate Certificate in Natural Resources and Environment and EVS 514 or permission of instructor.

EVS 518    Sustainable Natural Resource Management
This course provides an in-depth exploration of emerging and established approaches to sustainable natural resource management from a variety of disciplines. (Online 2) Prerequisites: Enrolled in Graduate Certificate in Natural Resources and Environment or permission of instructor.

EVS 519    Natural Resource Management Planning
This course presents frameworks for natural resource decision making that facilitate development of management objectives, evaluation and selection of management alternatives, and assessment of management outcomes. (Online 2) Prerequisites: EVS 509, EVS 511, EVS 514, EVS 515, EVS 518 and enrolled in Graduate Certificate in Natural Resources and Environment or permission of instructor.

**College of Business**

MHM 501    Healthcare in America
This course examines the structures, regulations, financing, economics, policies and incentives that shape the US healthcare sector. (Online 3) Prerequisites: Open to graduate students only.

MHM 503    Financial management of Healthcare Organizations
The course introduces students to the basic principles of financial analysis and management reporting, revenue cycle management, resource allocation decisions, and budgeting for healthcare organizations. (Online 3) Prerequisites: Open to graduate students only.

MHM 505    Healthcare Information Systems Management
The course offers the fundamental knowledge and tools needed to manage information and information resources effectively within a wide variety of healthcare organizations. (Online 3) Prerequisites: Open to graduate students only.

MHM 506    Healthcare Operations & Process Improvement
The course is devoted to the factors that impact the design, improvement and management of Healthcare Operations. This course covers knowledge needed for the Lean Six Sigma Yellow Belt certification. (Online 3) Prerequisites: Open to graduate students only.

MHM 509    Law and Ethics for Healthcare Management
The course (1) introduces basic legal principles applicable to the healthcare arena and (2) alerts students to the possible involvement of law in the healthcare professions. (Online 3) Prerequisites: Open to graduate students only.

MHM 510    Strategic Marketing for Healthcare Management
Introduces marketing fundamentals and applications in healthcare organizations; addresses changing environment and consumer behavior decisions related to value creation, strategy, and innovation. (Online 3) Prerequisites: Open to graduate students only.
NOTICES OF CHANGE

Notice of Change
College of Business  (See Appendix A)
Creation of MHM code: Master’s of Science in Healthcare Management

Notice of Change
Interdisciplinary Neuroscience Program  (See Appendix B)
Create non-thesis master’s degree option.
Notice of Change for: Creation of New MHM code

Date: April 5, 2019

A. PROGRAM INFORMATION

1. Name of institution
   University of Rhode Island

2. Name of department, division, school or college
   Department: College of Business
   College: Business

3. Intended initiation date of program change. Include anticipated date for granting first degrees or certificates, if appropriate.
   Initiation date: September, 2019
   First degree date: May 2021

4. Intended location of the program
   Online

5. Summary description of proposed program (not to exceed 2 pages).
   Dr. Kathryn J. Jervis, Professor of Accounting and Director of Graduate Healthcare Management Program has been working with a URI team on a graduate healthcare management program. A course code designation (MHM) Master of Healthcare Management is needed while CoB is creating new courses to develop the program consisting of two certificates that can lead to a degree. The program will be called Masters of Science in Healthcare Management.

6. If applicable, please include the existing URI catalog language and proposed catalog changes indicated in Track Changes.

7. Signature of the President

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David M. Dooley
Notice of Request for Change of Requirements for the Masters of Science (MS) Degree in the Interdisciplinary Neuroscience Program (INP)

October 25, 2018

Program Information:

Name of institution: University of Rhode Island

Name and location of program: Interdisciplinary Neuroscience Program, Graduate School

Intended initiation date of program change: May 2019

Current catalog language:
The masters program requires a minimum of 30 credits: 20-21 credits of required coursework (section 1.4), 5-6 credits of elective coursework (section 1.5), and 6-8 research credits (NEU 599). Required courses include NEU 502, NEU 503, NEU 504, PSY 532 (or equivalent), at least one semester of NEU 581/582, and at least two semesters of NEU 587 (Journal Club). One semester of NEU 591 is required in a related discipline to the graduate student’s research area. The total number of research credits (the sum of credits from NEU 591 and NEU 599) cannot exceed 12. Students must complete a minimum of 3 credits of NEU 591 (Special Projects), and may complete up to the maximum of 8 credits in NEU 599 (Thesis Research). Two semesters of journal club (NEU 587 or equivalent), a thesis proposal and successful defense of thesis are required. Students are also required to take 3 credits of statistics.

Summary description of the proposed program changes:
The proposed change is to offer a non-thesis masters degree option for students who do not want to pursue a professional career that requires research and, therefore, do not require an intense research experience during their graduate studies. Examples of these career outcomes of previous INP MS graduates include: post-secondary science teaching, scientific/technical writing, clinical trial administrators, and allied health care professions. The credit requirements for the non-thesis masters option will include more elective course work to take the place of thesis credits. Students will take two semesters of NEU 587 (Journal Club), 3 credits of colloquium (NEU 581 X2 and NEU 582 X1), and 7-9 credits of neuroscience electives. Students who elect the non-thesis option will continue to complete three credits of NEU 591 to gain research experience.

Proposed catalog language:
The masters program requires a minimum of 30 credits: 20-21 credits of required coursework (section 1.4), 7-9 credits of elective coursework (section 1.5), and four semesters of NEU 587 (Journal Club). Required courses include NEU 502, NEU 503, NEU 504, PSY 532 (or equivalent), at least two semesters of NEU 581/582, and at least three credits of NEU 591 (Special Projects) are required. These can be completed in one or two semesters. Students are also required to take 3 credits of statistics in a related discipline to the graduate student’s research area. The total number of research credits (the sum of credits from NEU 591 and NEU 599) cannot exceed 12. Students must complete a minimum of 3 credits of NEU 591 (Special Projects).

Respectfully Submitted, Leslie Mahler, Director, INP
INP Non-Thesis MS Notice of Change Revision 3/29/19

Current Catalog Language

Program requirements: The program requires a minimum of 30 credits: 20-23 in required coursework, 6-9 in thesis research, and 1-3 in electives. Required courses include: NEU 502, 503, 504, 511, 581, 587, 591; PSY 532; . A thesis proposal and successful defense of thesis are required. Total research credits in NEU 591 and NEU 599 used towards the degree must not exceed 12 credits.

Proposed Catalog Language

Program requirements: The thesis program requires a minimum of 30 credits: 20-23 in required coursework, 6-9 in thesis research, and 1-3 in electives. Required courses include: NEU 502, 503, 504, 511, 581, 587, 591; PSY 532; A thesis proposal and successful defense of the thesis are required. Total research credits in NEU 591 and NEU 599 used towards the degree must not exceed 12 credits. The non-thesis program requires a minimum of 30 credits: 22 in required coursework, 6 in electives. Required courses include: NEU 502, 503, 504, 581 (two semesters), 582, 587 (two semesters), 591(3 credits); and PSY 532 or equivalent statistics course.