

## I. 400 level courses

### Changes:

#### **College of Engineering Civil Engineering**

##### **CVE/OCE 483 Shallow Foundations**

Change in Prerequisites to: "CVE 381 or permission of instructor."

#### **College of Engineering Electrical Engineering**

##### **ELE 457/MCE 431 Control Systems**

Cross list with MCE 431

New Catalog Description: "An introduction to feedback control systems. PID control, time/frequency response, stability and performance specifications, root locus, Bode plot, lead/lag compensator, state-space design, and applications to typical electro-mechanical systems."

New Prerequisites: "((ELE 205 or 208 or BME 207) and ELE 314) or MCE 366 or permission of instructor."

#### **College of Engineering Mechanical Engineering**

##### **MCE 431/ELE 457 Control Systems**

Cross list with ELE 457

New Catalog Description: "An introduction to feedback control systems. PID control, time/frequency response, stability and performance specifications, root locus, Bode plot, lead/lag compensator, state-space design, and applications to typical electro-mechanical systems."

New Prerequisites: "((ELE 205 or 208 or BME 207) and ELE 314) or MCE 366 or permission of instructor."

##### **MCE 455 Advanced Field Mechanics**

Change in prerequisites to: "MCE 354 and MCE 372, or permission of instructor."

#### **College of Engineering Ocean Engineering**

##### **OCE 421 Coastal Structure Design**

Change in title to "Coastal Structure Design"

#### **College of Health Sciences Human Development Family Studies**

##### **HDF 400 "Child Development: Advanced Course"**

Change in prerequisite to: "HDF 200 or PSY 232, and HDF 202."

**HDF 418 “Personal Finance”**

Change in prerequisite to: “Completion of 24 or more credits and HDF 202.”

**HDF 424 “Personal Finance Applications”**

Change in prerequisite to: “HDF 418 and HDF 202 or permission of instructor.”

**HDF 428 “Consumer Protection”**

Change in prerequisite to: “HDF 225 and HDF 202 or permission of instructor.”

**HDF 431 “Family & the Elderly”**

Change in prerequisite: “HDF 201 and HDF 202.”

**HDF 432 “Perspectives on Parenting”**

Change in prerequisite: “HDF 200 or PSY 232, and HDF 202.”

**HDF 433 “Family Life Education”**

Change in prerequisite to: “HDF 202.”

**HDF 455 “Assessment in Early Childhood”**

Change in prerequisite to: “Admission to early childhood education program, or HDF 301 and HDF 202, or permission of instructor.”

**II. 500/600 level courses****Changes:****College of Arts and Sciences****Political Science****LRS 521/PSC 521**

Change Title from “Comparative Labor Relations Systems” to “Global Politics of Work and Social Welfare”

Change description to: “International and comparative politics of work and social welfare.

Transformation of work due to globalization and family shifts; worker rights, education/training, and social security across countries.”

**PSC 584**

Change in title from “Seminar in Advanced Comparative Theory” to “Seminar in Comparative International Development”

Change description to: “Sem: (3 crs) Theoretical constructs, methods, and models in the field of comparative politics emphasizing political, economic, and social changes in local, national and international contexts.”

**College of Environmental and Life Sciences  
Biological Sciences and Geosciences**

**BIO 572/GEO 572**

Change in credits from 4 to 3.

Change in description: "(3 crs.) Cross-listed as (BIO), GEO 572. A survey of modern evolutionary biology, including classic evolutionary theory, phylogenetics, evolution and development, adaptation, mass extinction and genomic evolution (Lec./Sem. 3)"

**College of Environmental and Life Sciences**

**Fisheries, Animal and Veterinary Sciences**

**AFS/OCG 560X "Ecosystem-Based Fisheries Science & Management"**

Catalog description: "The scientific components of ecosystem-based fisheries management: climate variation, trophic interactions, habitat, bycatch, and human dimensions. Classes emphasize problem-solving through case studies of domestic and international fisheries. (Lec. 3)"

Prerequisite: "Graduate standing or instructor permission."

**AFS/OCG 560 "Ecosystem-Based Fisheries Science & Management"**

Catalog description: "The scientific components of ecosystem-based fisheries management: climate variation, trophic interactions, habitat, bycatch, and human dimensions. Classes emphasize problem-solving through case studies of domestic and international fisheries. (Lec. 3)"

Prerequisite: "Graduate standing or instructor permission."

**Feinstein College of Education and Professional Studies  
School of Education**

**EDC 500**

Change in prerequisites to: Graduate standing.

**EDC 505**

Change in prerequisites to: Graduate standing.

**EDC 525**

Change in prerequisites to: Graduate standing.

**EDC 539**

Change in prerequisites to: Graduate standing.

**EDC 581**

Change in prerequisites to: Graduate standing.

**EDC 582**

Change in prerequisites to: Graduate standing.

**EDC 583**

Change in prerequisites to: Graduate standing.

**EDC 584**

Change in prerequisites to: Graduate standing.

**New Courses:****College of Arts and Sciences****Political Science****PSC 585 Diplomacy and Statecraft**

“Seminar examining diplomacy and statecraft in the international system. Topics include studies of political leadership and statesmanship, negotiation, and important diplomatic events. (Sem. 3) Pre: graduate standing or permission of instructor.”

**PSC 586 Political Violence and Conflict Resolution**

“Analysis of the research on political violence in the international system and the leading strategies and methods used by the international community to resolve these conflicts. (Sem. 3) Pre. graduate standing or permission of instructor.”

**College of Environmental and Life Sciences****Geosciences****GEO 589/EVS 589 Environmental Hazards, Risks, Response, and Safety: Refresher**

“Review of the environmental, health, and safety requirements for working with hazardous materials and at hazardous waste site-related work activities. Includes opportunity to earn OSHA 8-hour refresher certification. (Lec. 1) Pre: GEO or EVS 587 or permission of instructor (current OSHA 40-hour HAZWOPER certificate required). May be repeated, but not for program credit.”

# Notice of Change of Requirements for Political Science Masters of Arts (MA) Degree

**Date: October 4, 2016**

## A. PROGRAM INFORMATION

1. Name of institution

University of Rhode Island

2. Name of department, division, school or college

Department: Political Science; College: Arts & Sciences

3. Intended initiation date of program change. Include anticipated date for granting first degrees or certificates, if appropriate.

Initiation date: September 2017

First degree date: Continuing students will have the choice to follow the requirements of the program at the time they enrolled or the new requirements proposed in this form. Thus the potential date of the first degree will be the first graduation cycle immediately following full approval at all levels of this proposal.

4. Intended location of the program

Department of Political Science, College of Arts & Sciences

5. Summary description of proposed program (not to exceed 2 pages). If applicable, please include the existing URI catalog language and proposed catalog language changes that relate to your request.

We propose to modify the requirements for the existing Masters of Arts (MA) in Political Science to shift the program's focus from the existing generalist approach to one with greater specialization in international relations, diplomacy, and experiential learning. These changes will better capitalize on existing strengths of our current departmental faculty and resources, correspond with national and regional trends in graduate education for political science, and fulfill the needs of our student population. Our goal is to develop specific concentrations that attract and prepare students to find employment or enhance their careers with private companies, governmental and non-governmental organizations.

The proposed revisions are designed to meet the following objectives:

1. Update and streamline the current curriculum
2. Divide curriculum into three areas of concentration
3. Offer a more interdisciplinary approach
4. Provide more practical courses revolving around experiential learning based on faculty experience and expertise

The proposed MA concentrations are:

- o Diplomacy
- o International Development
- o Global Peace Studies

The Director of Graduate Studies developed these tracks based on consideration of potential careers and student outcomes, student feedback, existing courses, department resources, and current faculty expertise. These changes were approved by a unanimous vote of the Political Science faculty (Sept. 16, 2015) and were discussed with the chairs and directors of potentially impacted programs (PSY, MAF, LRS) as well as Dean of A&S Winnie Brownell and Associate Deans Andrea Rusnock and Nancy Eaton over the course of the 2015-2016 academic year. We have included Memoranda of Understanding from the Chair of the Psychology Department, Mark Robbins, the Chair of the Marine Affairs Department, Tracey Dalton, and the Acting Director of the Schmidt Labor Research Center, Aimee Phelps.

No change in the total number of credits (30) is requested. The principal proposed changes from the existing program are:

1. Increase the number of required courses from two to four. These required classes include a general seminar on international relations (PSC 580) and a core seminar from each of the three concentrations.
  - a. Diplomacy: PSC 585 – Diplomacy and Statecraft (new course proposal)
  - b. International Development: PSC 584 – Seminar in Comparative International Development (existing course, course title change)
  - c. Global Peace Studies: NVP 500 – Theory and Research on Nonviolence and Peace (existing course, no changes)
2. Require 9 credits in elective courses to fulfill concentration requirements
3. Add two new courses, PSC 585 – Diplomacy and Statecraft and PSC 586 – Political Violence and Conflict Resolution, and modify two existing courses with updated course titles and descriptions, PSC 584 and PSC/LRS 521.

A curriculum map outlining the specific requirements for each track as well as a two-year proposed course schedule can be found in the Appendix.

While these program revisions offer students a more focused and structured approach, it does so by retaining the current 30 credit model and repurposing some of the current courses taught by existing faculty. By streamlining the program and through participation from the Center of Nonviolence and Peace Studies, students will have more course offerings available each semester than currently available. Finally, the revised program better capitalizes on existing departmental faculty strengths while also incorporating previously underutilized resources across the broader university community, particularly the Center for Nonviolence and Peace Studies.

Catalog language for the M.P.A. Program and the M.P.A. and M.L.I.S. Cooperative Program remain unchanged.

Proposed Catalog Language (insertions in red):

Faculty: Professor Krueger, chair. Professors McIntyre, Moakley, and Petro; Associate Professors Hutchison, Johnson, and Pearson-Merkowitz; Assistant Professors Jomaa, Leedahl, Ley, Parker, and Xu; Adjunct Professors Kelley, Leazes, and Profughi; MPA Director Weygand.

#### SPECIALIZATIONS

International relations, comparative politics, ~~American politics~~ diplomacy, international development, global peace studies, public policy, and public administration.

#### MASTER OF ARTS

Admission requirements: undergraduate credit in political science ~~or related discipline~~; current scores from the GRE, GMAT, or MAT are required for applicants with a cumulative undergraduate GPA below 3.0

Program requirements: a minimum of 30 credits, including ~~PSC 553~~ 12 credits in required core courses and ~~either 9 credits in concentration courses~~. The required core courses are PSC 580 ~~or 583 for both thesis~~, PSC 584, PSC 585, and NVP/PSY 500. For a concentration in diplomacy, select three courses from PSC 553, PSC 577, PSC 586, PSC 581, PSC 582, PSC 555, and PSC 556. For a concentration in international development, select three courses from PSC/LRS 521, PSC 544, PSC 553, PSC 581, PSC 582. For a concentration in global peace studies, select three courses from PSY 478, PSY 690, PSC 546, PSC 586, PSC 581, PSC 582. Courses can be applied to only one concentration. Students can apply no more than two special topic seminars (PSC 581, PSC 582) to fulfill their concentration requirements. Thesis and nonthesis options, ~~depending on area of specialization; nonthesis~~. Nonthesis option requires one course ~~including with a substantial paper~~ requiring requirement that involves significant independent research and ~~an oral examination in addition to the written~~ a comprehensive examination: ~~with written and oral components~~.

6. Signature of the President

---

David M. Dooley

## Appendix

· Master of Arts in Political Science Program Description- The MA degree in Political Science is designed for U.S. and international students who are working, or intend to work, in the area of international relations, diplomacy, international development, peace studies, or intend to continue their education. The MA program prepares students to apply theories and practices to real-world global problems.

### ○ General Program Requirements

- 30 credits (12 credits from required core course, 9 credits from concentration courses, 9 free electives)
- Successful completion of a thesis or a comprehensive Masters' examination (written and oral components)
- Maintenance of a 3.0 GPA

### Specific Concentration Requirements

\*New Course Proposal

\*\*Modified Existing Course

### ○ Diplomacy Concentration Requirements

- 30 credits
- Successful completion of a thesis or a comprehensive Masters' examination (written and oral components)
- Maintenance of a 3.0 GPA
- Required Classes
  - Seminar in International Relations Theory (PSC 580)
  - Seminar in Comparative International Development (PSC 584)\*\*
  - Diplomacy and Statecraft (PSC 585)\*
  - Theory and Research on Nonviolence and Peace (NVP 500/PSY 500)
- Elective Classes (at least three courses)
  - Scope and Methods of Political Science (PSC 553)
  - Directed Study – Naval War College Internship (PSC 555, PSC 556)
  - International Ocean Law (PSC/MAF 577)
  - Special Topics Seminar on Politics of China (PSC 581/582)
  - Special Topics Seminar on Religion and International Relations (PSC 581/582)
  - Political Violence and Conflict Resolution (PSC 586)\*

### ○ International Development Concentration Requirements

- 30 credits
- Successful completion of a thesis or a comprehensive Masters' examination (written and oral components)
- Maintenance of a 3.0 GPA
- Required Classes
  - Seminar in International Relations Theory (PSC 580)
  - Seminar in Comparative International Development (PSC 584)\*\*
  - Diplomacy and Statecraft (PSC 585)\*
  - Theory and Research on Nonviolence and Peace (NVP 500/PSY 500)
- Elective Classes (at least three courses)
  - Global Politics of Work and Welfare (PSC/LRS 521)\*\*
  - Democracy and Its Critics (PSC 544)
  - Scope and Methods of Political Science (PSC 553)
  - Special Topics Seminar on Non-Governmental Organizations (PSC 581/582)
  - Special Topics Seminar on Politics of China (PSC 581/582)
  - Special Topics Seminar on Politics of Islam and the Middle East (PSC 581/582)

### ○ Global Peace Studies Concentration Requirements

- 30 credits
- Successful completion of a thesis or a comprehensive Masters' examination (written and oral components)
- Maintenance of a 3.0 GPA

- Required Classes
  - Seminar in International Relations Theory (PSC 580)
  - Seminar in Comparative International Development (PSC 584)\*\*
  - Diplomacy and Statecraft (PSC 585)\*
  - Theory and Research on Nonviolence and Peace (NVP 500/PSY 500)
- Elective Classes (at least three courses)
  - Applications in Psychology (PSY 478)
  - Seminar: Contemporary Issues in Psychology (PSY 690)
  - Peace and World Order Studies (PSC 546)
  - Special Topics Seminar on Non-Governmental Organizations (PSC 581/582)
  - Special Topics Seminar on Politics of Islam and the Middle East (PSC 581/582)
  - Political Violence and Conflict Resolution (PSC 586)\*



Notice of Change form

**Notice of Change for:** Masters of Environmental Science and Management graduate degree

**Date:** 13 October 2016

**A. PROGRAM INFORMATION**

**1. Name of institution**

University of Rhode Island

**2. Name of department, division, school or college**

Department: N/A

College: CELS

**3. Intended initiation date of program change. Include anticipated date for granting first degrees or certificates, if appropriate.**

Initiation date: 6 October 2016

First degree date: May 2017

**4. Intended location of the program**

CELS

**5. Summary description of proposed program (not to exceed 2 pages).**

This is an internal administrative coding change request.

We propose to re-structure the URI e-campus codes for the Master of Environmental Science and Management (MESM) graduate degree and its specializations. MESM is a single graduate degree with seven specializations. Currently, each specialization is coded as a separate, independent graduate degree. This is out of step with the coding norms for other graduate degree programs, causing confusion both internally and at the COHE. For example, each MESM specialization is being considered an under-enrolled graduate program when in fact, enrollment in the MESM degree program is strong and annual degrees conferred are well above the trigger threshold. The coding structure we propose is standard for all graduate programs at URI with specializations (e.g., History M.A., Pharmaceutical Sciences M.S.). This change will not incur any costs or changes to the curriculum.

Therefore, on the recommendation of Jack Humphrey (Registrar) and with endorsement from the Graduate School (attached), we request that:

1. Delete the existing code structure for the MESM graduate degree which currently is:

Academic Plan

MESMPLDE

MESMESM

MESMWWES

MESMCLB

MESMSS

MESMEHS

MESMRSSA

MESM Specialization

Planning and Design

Environmental Science and Management

Wetlands, Watersheds and Ecosystem Science

Conservation Biology

Sustainable Systems

Earth and Hydrological Science

Remote Sensing and Spatial Analysis

2. Establish a new code structure for the MESM graduate degree as follows:

<u>Academic Plan</u>	<u>Subplan</u>	<u>MESM Specialization</u>
MESM	PLDE	Planning and Design
MESM	ESM	Environmental Science and Management
MESM	WWES	Wetlands, Watersheds and Ecosystem Science
MESM	CB	Conservation Biology
MESM	SS	Sustainable Systems
MESM	EHS	Earth and Hydrological Science
MESM	RSSA	Remote Sensing and Spatial Analysis

3. All current students in MESM be recoded into this new code structure.

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

No change

**7. Signature of the President**

---

David M. Dooley

**Endorsement from URI Graduate School**

From: Andrea Rusnock <rusnock@uri.edu>

Sent: Thursday, October 13, 2016 10:55 AM

To: Art Gold

Cc: Peter August; Megan Yakey; Shandra Pelagio

Subject: Re: MESM program code changes

Dear Art and Pete,

Both Nasser and I think this is an excellent change. Please submit it to Joanne Lawrence, Faculty Senate, and the Graduate Curriculum Committee will review it.

Best,

Andrea

## Notice of Change for: MS in CMD Admission Prerequisites

Date:

### A. PROGRAM INFORMATION

**1. Name of institution**

University of Rhode Island

**2. Name of department, division, school or college**

Department: Communicative Disorders

College: Health Sciences

**3. Intended initiation date of program change. Include anticipated date for granting first degrees or certificates, if appropriate.**

Initiation date: January, 2017

First degree date: N/A

**4. Intended location of the program**

No change

**5. Summary description of proposed program (not to exceed 2 pages).**

**Request 1.** The Department of Communicative Disorders is requesting a change in the prerequisite courses required of graduate students who do not already have an undergraduate degree in our field.

Action 1: **We wish to delete CMD 278 (Hearing Science) from the list of prerequisite courses currently required of graduate students with undergraduate degrees from another discipline.** CMD 278 would be an appropriate prerequisite if our program still offered a graduate degree in Audiology; however, that degree is no longer offered. CMD 278 is no longer necessary since information from audiology appropriate to speech-language pathology students is already covered in other prerequisite coursework (CMD 361: Introduction to Audiology).

Action 2: Add CMD 460 (Introduction to Speech & Language Disorders) to the list of prerequisite courses that graduate students with undergraduate degrees from other disciplines must take. Graduate students in speech-language pathology coming to our program from another discipline are currently not required to have prerequisite undergraduate coursework in speech & language disorders beyond a very basic introductory course in communication disorders (CMD 160). To address this knowledge gap and help students be more successful in their graduate studies, we are proposing to add CMD 460 to the list of prerequisite courses required of graduate students admitted to the program from other disciplines.

**Request 2.** The Department of Communicative Disorders is also requesting a change of date for when applications are due for fall admissions to the graduate program in speech-language pathology. At present, the application deadline is March 1 and we are requesting a change to February 15. The current date has become problematic because of its lateness. More specifically, competitor programs are setting the graduate application deadlines earlier than we do which, in turn, allows them to make admissions decisions more rapidly. Because of this, top students are making their decisions on where to attend graduate school before they have heard about whether or not they have even been admitted to our program. This puts us at a disadvantage when seeking to recruit top applicants.

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

**Master of Science**

*Admission requirements:* Students who are interested in applying to the graduate program in speech-language pathology, and who have not taken the undergraduate requirements, may wish to enroll as post-baccalaureate (nonmatriculating) students to fulfill or begin to fulfill these requirements. The undergraduate requirements—courses needed prior to taking graduate courses—include CMD 272, 273, 274, 276, ~~278~~, 375, 377, 460 and 465. Completion of these courses does not, however, assure admission into the graduate program, nor is completion of all the requirements essential for application to the program. Any required undergraduate courses not completed prior to graduate admission will be added to the graduate program. GRE or MAT scores are required for admission. Strong consideration will be given to the cumulative GPA. In addition, performance within a communicative disorders major or prerequisite courses will be viewed as a particularly important criterion for admission. The completed application package must be received by October 15 for spring admission and ~~March~~ February 15 for fall admission.

7. Signature of the President

---

David M. Dooley

Notice of Change form

Notice of Change for: PhD Program in Chemical Engineering

Date: October 6, 2016

A. PROGRAM INFORMATION

1. Name of institution  
University of Rhode Island
2. Name of department, division, school or college  
Department: Chemical Engineering  
College: Engineering
3. Intended initiation date of program change. Include anticipated date for granting first degrees or certificates, if appropriate.  
Initiation date: Sept 1, 2017  
First degree date: depends on rate of PhD dissertation research

4. Intended location of the program:- URI Kingston

5. Summary description of proposed program (not to exceed 2 pages).

We would like to make CHE 503, "Dynamics of Chemical Engineering Applications" a mandatory course for the PhD program in Chemical Engineering. We feel that requiring this class this would strengthen our students education.

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

Program requirements: Candidate's program will be determined in consultation with his or her committee and will be based on his or her background and career goals, and must include at least one course each in CHE applications (503), CHE thermodynamics (513, 614), ~~and~~ CHE transport (541) and CHE research methods (570) at URI. Students with a masters degree require CHE 501, 502, 699 (25 credits) and fifteen credits of course work beyond the MS. Students with a bachelors degree require a qualifying exam, CHE 501, 502, 699 (37 credits), and 33 credits of course work. A comprehensive examination and an acceptable dissertation are required of all students to complete the program. Attendance in CHE 501 or 502 is required every semester for all on-campus students. Off-campus students can replace 501 and 502 with additional 691, 692, or 699 credits.

7. Signature of the President

---

David M. Dooley