

I. 400-level courses (undergraduate courses for graduate credit)

**New Courses**

College of Engineering

Mechanical, Industrial, and Systems Engineering

**ISE 445: Facilities Planning and Material Handling**

“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.”

Prerequisites: ISE 220, 240, and 432 or permission of instructor

II. 500/600-level courses

**Changes:**

College of Arts and Sciences

Chemistry

**CHM 618: Theory of Separations**

Change in title to “Surface Analysis”

Change in Description to “In-depth presentation of theory of surface analysis methods. Emphasis on methods development, advanced topics, and current advances using electron spectroscopy, surface mass spectroscopy, and surface vibrational spectroscopy.”

Change in prerequisites to: “505, 506, and 507 or permission of instructor”

## **New Courses**

College of Human Science and Services  
Communicative Disorders

### **CMD 586: Multisensory Instruction in Language and Literacy**

“Intervention for reading, spelling and written expression based on principles of Orton-Gillingham approach for working with individuals with dyslexia and other learning disabilities. (Sem. 3)”

Prerequisite: “Matriculated graduate student in Speech-Language Pathology or permission of instructor.”

College of Human Science and Services

School of Education

### **EDC 661: Language and Thinking in Schools**

“Topics of language and thinking are considered broadly as they relate both theoretically and practically to curriculum in schools. (Sem. 3)”

Prerequisite: “Admission to Joint URI/RIC PhD in Education Program; or Graduate status with permission of instructor”

### **EDC 662: Writing for Presentation and Publication**

“With their peers, students will develop an academic writing practice through writing, reading, and constructively critiquing academic texts. Final project options include an academic manuscript, presentation, or reflective portfolio. (Sem. 3)”

Prerequisite: “Admission to Joint URI/RIC PhD in Education Program; or Graduate status with permission of instructor”

### **EDC 670: Theory Construction in the Social Sciences**

“Students will construct an original theoretical framework in their area of specialization, informed by contemporary issues and trends in social science theory. (Sem. 3)”

Prerequisite: “Admission to Joint URI/RIC PhD in Education Program; or Graduate status with permission of instructor”

**EDC 681: Culture and Discourse in Education**

“Learning and teaching are examined in terms of culture and discourse in social activity. Consideration is given to formal and informal activity settings and to theories and methods of research. (Sem. 3)”

Prerequisite: “Admission to Joint URI/RIC PhD in Education Program; or Graduate status with permission of instructor”

**EDC 682: Discourse Analysis in Education Research**

“The analysis of discourse in educational research is examined and practiced in this course. Students conduct various analyses of discourse samples and explore a variety of analytic research frameworks. (Sem. 3)”

Prerequisite: “Admission to Joint URI/RIC PhD in Education Program; or Graduate status with permission of instructor”

**EDC 684: The Analysis of Data: A Hands-On Approach**

“Students will practice data analysis using three specific qualitative methodologies, noting that each of these methodologies offers a unique lens on phenomena.(Sem. 3)”

Prerequisite: “Admission to Joint URI/RIC PhD in Education Program; or Graduate status with permission of instructor”

**EDC 685: Survey Design**

“Principles, theories, techniques, and applications for developing survey questionnaires and conducting survey research in education; developing questions; constructing instruments; implementing surveys; reducing coverage and sampling errors. (Sem. 3)”

Prerequisite: “Graduate status, research methods (EDP 613 or equivalent), research design (EDP 623 or equivalent), and permission of instructor.”

## Additional Curricular Matters

### College of Engineering

Notice of Change: Civil and Environmental Engineering

**1. Name of institution**

University of Rhode Island

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

Department: Civil and Environmental Engineering

College: College of Engineering

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

Initiation date: January 1, 2016

First degree date: N/A

**4. Intended location of the program: URI, Kingston Campus**

**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.**

The Department of Civil and Environmental Engineering wants to introduce some flexibility in the graduate admission requirements to allow applicants from closely related fields to apply.

*Existing URI catalog language: Admission requirements: bachelor's degree in civil or environmental engineering. Candidates in other engineering fields may be accepted with the possibility of additional undergraduate prerequisite courses being required.*

*Proposed URI catalog language: Admission requirements: bachelor's degree in civil or environmental engineering. Candidates in other engineering **or closely related** fields may be accepted with the possibility of additional undergraduate prerequisite courses being required.*

**6. Signature of the President**

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David M. Dooley

## **College of Human Science and Services**

### **School of Education**

Notice of Change Masters of Arts/Teacher Certification Program in Health,  
Physical Education, and Health/Physical Education

#### **1. Name of institution**

University of Rhode Island

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

Department: School of Education

College: Human Science and Services

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

Initiation date: upon approval

First degree date:

#### **4. Intended location of the program**

Kingston, RI

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

This proposal seeks to add three sub-plan tracks, 1) Physical Education, 2) Health, and 3) Physical Education/Health, to the existing Master of Arts in Education/Teacher Certification Program (MA/TCP) with the code (EDUCAT\_TCP).

The Physical Education Teacher Education-Teacher Certification Program (PETE-TCP) was deactivated in 2008 because the enrollment numbers for this program were not high enough to sustain multiple sections of KIN classes running when the undergraduate certificate track was large enough to fill a class offering. There is currently room in the undergraduate certificate track courses, the School of Education graduate courses and Kinesiology graduate courses to accommodate potential MA/TCP students.

The graduate non-degree certification program was reactivated in Spring 2014 (Faculty Senate Bill #13-14-14B), but does not lead to an MA in Education upon completion of the certification program (TCP), as was intended going forward in 2014.

This proposal asks that this program be recategorized under the degree-granting MA/TCP program (EDUCAT\_TCP), as other graduate level, degree-track, certification programs are within the institution. The recently re-activated Post Bacc. Certificate (PETE-TCP) will be inactivated again once the new sub-

plans are approved. The Graduate School will then notify students currently matriculated in (PETE-TCP) and inform them about the change and give them the option to be taught out in their current program or moved to the (EDUCAT-TCP) with the appropriate Sub-plan.

The interest has risen recently for those kinesiology majors, in areas of exercise science or health studies, who want to teach in Pk-12 schools. This interest is due to the rising issue of childhood obesity. There is a new focus on the importance of health and PE in schools, and in before and after school health/fitness programming for children. Students who return to this program seek to earn their teaching credentials for PE and Health, and subsequently earn a Master's degree in education. Kinesiology HPE faculty anticipate approximately 10-12 applicants a year. Applicants will be recruited through the School of Education and the Kinesiology department.

This is a teacher certification program, which leads to a Master of Arts in Education that will be managed through the graduate school and not for undergraduate credit. Students will apply through the graduate school. This program is for students who wish to become certified as physical education/health teachers. Students cannot earn the Master of Arts degree in Education without first completing the teacher certification requirements. The program is designed for students who hold a bachelor's degree in physical education, kinesiology, or a related field. Students who do not have a physical education background will need to take additional prerequisite undergraduate courses and should consult with a HPE advisor.

Students will apply to the EDUCAT\_TCP, (choosing the PhysEd, Health, or PhysEd/Health subplan) administered through the Graduate School, and must submit a candidate's statement, official transcripts of all previous course work, and two letters of recommendation. Details related to the admission process can be found on the School of Education and Kinesiology department websites. The NCATE statement that appears on undergraduate program completer's transcripts will also appear on the MATCP completer's transcripts.

Recommended Program: GRHSS

Recommended Academic Plan: EDUCAT\_TCP

Recommended Academic Plan Description: Education MA-TCP

Recommended Academic SubPlans: PhysEd; Health; and PhysEd/Health

Recommended Academic SubPlan Description: Physical Education; Health; Physical Education and Health

## **6. Signature of the President**

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David M. Dooley