

400-level courses (undergraduate courses for graduate credit)

Changes

College of Engineering
Civil and Environmental Engineering

CVE 445 Sustainable Pavement Design

Change in pre-requisites to “347 or permission of instructor.”

New Courses:

College of Engineering
Electrical, Computer and Biomedical Engineering
Chemical Engineering

BME/CHE 466 Biomaterials Engineering (3 crs.)

A biomaterial is any material designed to interact with a biological system. This course will examine the structure, properties, and processing of biomaterials in a wide variety of biomedical applications. (Lec. 3) Pre: Organic Chemistry (CHM 124 or CHM 227), Cell Biology (BIO 341), Differential Equations (MTH 244 or MTH 362).

I. 500/600-level courses

Changes:

College of Engineering
Civil and Environmental Engineering

CVE 548 Bituminous Transportation Materials and Mix-Design

Change in title to “Bituminous Materials and Mix-Design”
Change in pre-requisites to “347 or permission of instructor.”

CVE 549 Transportation Soils and Materials

Change in pre-requisites to “347 or permission of instructor.”

CVE 641 Pavement Evaluation and Rehabilitation

Change in pre-requisites to “445 or permission of instructor.”

Mechanical, Industrial and Systems Engineering

MCE 550 Theory of Continuous Media

Change in title to “Continuum Mechanics.”

Change in pre-requisites to “CVE 220, MCE 354, 372 or permission of instructor.”

New Courses

College of Engineering

Ocean Engineering

OCE/OCG 513 Ocean Renewable Energy (3 crs.)

Introductory topics related to global ocean renewable energy, including fundamentals of hydrokinetic, tidal, and wave energy, leading energy devices, and more advanced topics including resource assessment and environmental interactions. (Lec. 3) Pre: MCE 354 (Fluid Mechanics) or permission of instructor.

Additional Curricular Matters

College of Human Science and Services
Human Development and Family Studies

Notice of Change for the Developmental Science Master of Science Program in Human Development and Family Studies

Date: April 6, 2015

A. PROGRAM INFORMATION

1. Name of institution

University of Rhode Island

2. Name of department, division, school or college

Department: Human Development and Family Studies (HDF)

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: September 2015

First degree date: May 2017

4. Intended location of the program

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 Developmental Science Master's program in Human Development and Family Studies is seeking a proposed change to required courses. We are proposing to eliminate the requirement for our students to complete a graduate level statistics course. Rationale for this change include the following:

- a) The statistics courses that have been available to our students over the past few years have including instruction in SAS programming. However, our students use SPSS programming to complete their master's theses. Given that these courses our not meeting our needs and our students are not receiving training in SPSS, the HDF faculty mentor graduate students on how to use SPSS to compete their master's thesis analyses.
- b) HDF has two other master's program (Couples and Family Therapy (CFT) and College Student Personnel (CSP)). Neither program requires a statistics course for their students and instead offers statistical training in other courses. This revision would better align our program with the requirements and procedures in CFT and CSP.
- c) By reducing our coursework, HDF would also be dropping our graduation credit requirements from 39 to 36 credits, better aligning with university expectations for graduate study credits.

Existing URI catalog description:

MASTER OF SCIENCE SPECIALIZING IN HUMAN DEVELOPMENT AND FAMILY STUDIES

This M.S. program is designed to immerse students in a specialized area of human development and family studies, while providing a strong emphasis on policy, research, and practical knowledge of the field. Graduates from this program are prepared for leadership positions in human service and education administration, research and policy organizations, and for advanced academic work at the Ph.D. level.

Admission requirements: GRE or MAT, and 18 undergraduate credits from relevant disciplines, including human development and family studies, psychology, and sociology. Majors in related fields (e.g. nursing, political science, education) may be admitted with the permission of the director of graduate studies. Two letters of recommendation are required with at least one from an academic reference. Application deadline for fall admission is March 1. Applications received after this date will be reviewed on a space-available basis.

Program requirements: a minimum of 39 credits of approved graduate courses that include a developmental seminar; a sequence in policy, research, and statistics; and a professional seminar. In addition, students will select a minimum of three credits in a specialization, such as child development, early childhood education, adult development/gerontology, public policy/administration, family studies, and family financial counseling/education. Students complete a master's thesis. Students will have the option of including up to six credits of a policy, administrative, or research internship as part of the program of study.

Proposed URI catalog description:

MASTER OF SCIENCE SPECIALIZING IN HUMAN DEVELOPMENT AND FAMILY STUDIES

This M.S. program is designed to immerse students in a specialized area of human development and family studies, while providing a strong emphasis on policy, research, and practical knowledge of the field. Graduates from this program are prepared for leadership positions in human service and education administration, research and policy organizations, and for advanced academic work at the Ph.D. level.

Admission requirements: 18 undergraduate credits from relevant disciplines, including human development and family studies, psychology, and sociology. Majors in related fields (e.g. nursing, political science, education) may be admitted with the permission of the director of graduate studies. Two letters of recommendation are required with at least one from an academic reference. Application deadline for fall admission is February 15. Applications received after this date will be reviewed on a space-available basis.

Program requirements: a minimum of 36 credits of approved graduate courses that include a developmental seminar; a sequence in policy and research; and a professional seminar. In addition, students will select a minimum of three credits in a specialization, such as child development, early childhood education, adult development/gerontology, public policy/administration, family studies, and family financial counseling/education. Students complete a master's thesis. Students will have the option of including up to six credits of a policy, administrative, or research internship as part of the program of study.

6. Signature of the President

David M. Dooley