

4-21-2016

## The Five Hundred and Thirty-Second Report of the Curricular Affairs Committee: Curricular Issues.

University of Rhode Island Faculty Senate

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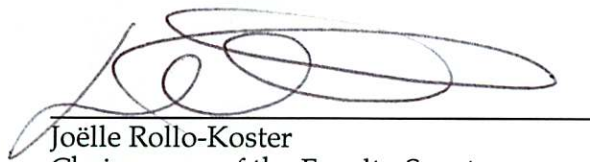
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Serial Number #15-16—31B

TO: President David Dooley  
FROM: Joëlle Rollo-Koster, Chairperson of the Faculty Senate

1. The attached BILL titled, The Five Hundred and Thirty-Second Report of the Curricular Affairs Committee: Curricular Issues, is forwarded for your consideration.
2. This BILL was adopted by vote of the Faculty Senate on April 21, 2016.
3. After considering this bill, will you please indicate your approval or disapproval. Return the original, completing the appropriate endorsement below.
4. In accordance with Section 10, paragraph 4 of the Senate's By-Laws, this bill will become effective May 12, 2016 three weeks after Senate approval, unless: (1) specific dates for implementation are written into the bill; (2) you return it disapproved; or (3) the University Faculty petitions for a referendum.

  
\_\_\_\_\_  
Joëlle Rollo-Koster  
Chairperson of the Faculty Senate


April 21, 2016

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ENDORSEMENT

TO: Chairperson of the Faculty Senate

FROM: President of the University

- a. Approved .
- b. Approved subject to Notice of the Council on Postsecondary Education \_\_\_\_.
- c. Disapproved \_\_\_\_.

  
\_\_\_\_\_  
Signature of the President

4.29.16  
\_\_\_\_\_  
(date)

## UNIVERSITY OF RHODE ISLAND FACULTY SENATE

April 21, 2016

### Faculty Senate Curricular Affairs Committee Five Hundred and Thirty-Second Report

At the March 28, 2016 meeting of the Curricular Affairs Committee and by electronic communication, the following matters were considered and are now presented to the Faculty Senate.

### CURRICULAR CHANGES

#### A. COLLEGE OF ARTS AND SCIENCES:

##### 1) Changes to the BA Spanish program: (See Appendix A)

The Language Department requests the changes to the B.A. Spanish program. The rationale is to create consistency across all Spanish majors. Many Spanish majors are dual degree students. The current catalog language has a number of special provisions for students in the IEP/IBP programs. In consultation with IEP director Sigrid Berka, the department has decided to strengthen the humanistic coursework of the Spanish IEP and IBP majors, aligning their requirements with those for non-IEP/IBP Spanish majors.

#### B. COLLEGE OF CONTINUING EDUCATION:

##### 1) Changes for the Bachelor of Interdisciplinary Studies (B.I.S.) Degree: (See Appendix C)

See full proposal for catalog language changes and curriculum worksheets. All changes are in response to the changing general education requirements.

#### C. COLLEGE OF ENGINEERING:

##### 1) Changes to requirements for Bachelor of Science in Civil and Environmental Engineering: (See Appendix D)

Some supporting courses (GEO 103, WRT 332, STA 409, ISE 404) were moved up in the curriculum to better prepare students in subsequent engineering courses including labs where principles of writing and statistics are heavily used. One engineering design course (CVE 483) was also moved up to better prepare students for the senior design capstone project. The titles of two courses (CVE 354 and CVE 355) were corrected.

Finally, the “technical elective” course was replaced by a “professional elective” course and the definition of a professional elective was expanded to include the list of courses previously used as technical electives. This was done to provide students with the opportunity to take more CVE design/elective courses. In addition, a limit of 6 credits of special problems used toward the 15 credits of professional electives has been added.

#### **D. COLLEGE OF PHARMACY:**

##### **1) Changes to PharmD Progression Standards: (See Appendix F)**

The College of Pharmacy previously updated our PharmD progression standards in the spring of 2012 (for fall 2012 implementation) to address issues arising from increasing our class size from 90 students to 130 yearly, changing expectations for pharmacists following graduation and several years of assessment data on student performance. This revised policy has now been in effect for 4 years and we will be graduating our first class held to these new standards in May of 2016. Over the past 4 years, we have collected data on this policy. Based on our analysis of trends in student performance, we are now refining this policy to clarify some of the original language as well as better address some issues (e.g. criteria for probation) not fully addressed in the original revision. In addition, the College is working towards meeting the latest revision of the Accreditation Council for Pharmacy Education's (ACPE) accreditation standards (released January 2016). This revised policy includes additional language that will be in concordance with the updated ACPE standards.

**Notice of Change for B.A. Spanish**  
**Date:** January 13, 2016

**A. PROGRAM INFORMATION**

**1. Name of institution**

University of Rhode Island

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

Department: Modern and Classical Languages and Literatures

College: A & S

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

Initiation date: Fall 2016

First degree date:

**4. Intended location of the program**

URI Kingston

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

The Language Department requests the changes to the B.A. Spanish program as shown below. The rationale is to create consistency across all Spanish majors. Many Spanish majors are dual degree students. The current catalog language has a number of special provisions for students in the IEP/IBP programs. In consultation with IEP director Sigrid Berka, the department has decided to strengthen the humanistic coursework of the Spanish IEP and IBP majors, aligning their requirements with those for non IEP/IBP Spanish majors.

**If applicable, please include the existing URI catalog language and proposed catalog language changes that relate to your request.**

**Existing URI catalog language:**

For the Spanish major, students will complete a minimum of 30 credits (maximum 45), including SPA 325 and three 400-level courses (excluding SPA 421). SPA 421 may be used as part of the remaining 18 required credits. Note: SPA 101, 102, 321, 391, 392, and 393 cannot be counted toward the Spanish major. Students may also include LIN 202 and 220, and—with permission of the advisor, section head, department chairperson, and dean—up to two courses

in allied fields such as history, art, and anthropology. These requirements are the same for the secondary education major.

A summer field workshop (SPA 310) in Spain or Spanish America is occasionally offered for three to six credits. For information, see the section head.

Students in the International Engineering Program (IEP) or the International Business Program (IBP) must take SPA 312, 316, 317, 321, 325, and a 400-level engineering or business course taught in Spanish, designated SPA 412 for engineering students and SPA 421 for business students. IEP or IBP students beginning their study of Spanish at the 200 level or higher may opt to take up to six credits of Portuguese toward the completion of the major in Spanish. IEP or IBP students do not have to take three 400-level courses in Spanish, but must take at least one 400-level literature course in Spanish. Note: SPA 101, 102, 391, 392, and 393 cannot be counted toward the major for IEP or IBP students. The 6-credit Portuguese option is available to IEP and IBP students only. Students simultaneously completing the International Engineering Program or the International Business Program and the B.A. with a major in Spanish may also use three credits of Spanish literature toward the Fine Arts and Literature Basic Liberal Studies requirement. In addition, students in these programs are exempt from the one-course-per-discipline rule in Letters, Social Sciences, and Natural Sciences.

A total of 120 credits is required for graduation. At least 42 of these must be in courses numbered 300 or above.

**Proposed new URI catalog language:**

For the Spanish major, students will complete a minimum of 30 credits (maximum 45), including SPA 325 and three 400-level courses (excluding SPA 412 and 421). SPA 412 and 421 may be used as part of the remaining 18 required credits. Note: SPA 101, 102, 391, 392, and 393 cannot be counted toward the Spanish major, and SPA 321 may count for the Spanish major only for students in the Spanish International Engineering Program (IEP) or in the Spanish International Business Program (IBP). Students may also include LIN 202 and 220, and—with permission of the advisor, section head, department chairperson, and dean—up to two courses in allied fields such as history, art, and anthropology. These requirements are the same for the secondary education major.

A summer field workshop (SPA 310) in Spain or Spanish America is occasionally offered for three to six credits. For information, see the section head.

In addition to fulfilling the aforementioned requirements for the Spanish major, students in the International Engineering Program (IEP) or the International Business Program (IBP) must also take SPA 316, 317, and a 400-level engineering or business course taught in Spanish, designated SPA 412 for engineering students and SPA 421 for business students. IEP or IBP students beginning their study of Spanish at the 200-level or higher may opt to take up to six credits of Portuguese toward the completion of the major in Spanish.

A total of 120 credits is required for graduation. At least 42 of these must be in courses numbered 300 or above.

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

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David M. Dooley



Current catalog language <a href="http://web.uri.edu/catalog/spanish/">http://web.uri.edu/catalog/spanish/</a>	Approved changes
<p>For the Spanish major, students will complete a minimum of 30 credits (maximum 45), including SPA 325 and three 400-level courses (excluding SPA 421). SPA 421 may be used as part of the remaining 18 required credits. Note: SPA 101, 102, 321, 391, 392, and 393 cannot be counted toward the Spanish major. Students may also include LIN 202 and 220, and—with permission of the advisor, section head, department chairperson, and dean—up to two courses in allied fields such as history, art, and anthropology. These requirements are the same for the secondary education major.</p> <p>A summer field workshop (SPA 310) in Spain or Spanish America is occasionally offered for three to six credits. For information, see the section head.</p> <p>Students in the International Engineering Program (IEP) or the International Business Program (IBP) must take SPA <del>312</del>, 316, 317, <del>321, 325</del>, and a 400-level engineering or business course taught in Spanish, designated SPA 412 for engineering students and SPA 421 for business students. IEP or IBP students beginning their study of Spanish at the 200 level or higher may opt to take up to six credits of Portuguese toward the completion of the major in Spanish. <del>IEP or IBP students do not have to take three 400-level courses in Spanish, but must take at least one 400-level literature course in Spanish. Note: SPA 101, 102, 391, 392, and 393 cannot be counted toward the major for IEP or IBP students. The 6-credit Portuguese option is available to IEP and IBP students only.</del> Students simultaneously completing the International Engineering Program or the International Business Program and the B.A. with a major in Spanish may also use three credits of Spanish literature toward the Fine Arts and Literature Basic Liberal Studies requirement. In addition, students in these programs are exempt from the one-course-per-discipline rule in Letters, Social Sciences, and Natural Sciences.</p>	<p>For the Spanish major, students will complete a minimum of 30 credits (maximum 45), including SPA 325 and three 400-level courses (excluding SPA <del>412 and</del> 421). SPA <del>412 and</del> 421 may be used as part of the remaining 18 required credits. Note: SPA 101, 102, <del>321</del>, 391, 392, and 393 cannot be counted toward the Spanish major, and <u>SPA 321 may count for the Spanish major only for students in the Spanish International Engineering Program (IEP) or in the Spanish International Business Program (IBP).</u> Students may also include LIN 202 and 220, and—with permission of the advisor, section head, department chairperson, and dean—up to two courses in allied fields such as history, art, and anthropology. These requirements are the same for the secondary education major.</p> <p>A summer field workshop (SPA 310) in Spain or Spanish America is occasionally offered for three to six credits. For information, see the section head.</p> <p><u>In addition to fulfilling the aforementioned requirements for the Spanish major</u>, students in the International Engineering Program (IEP) or the International Business Program (IBP) must <u>also</u> take SPA 316, 317, and a 400-level engineering or business course taught in Spanish, designated SPA 412 for engineering students and SPA 421 for business students. IEP or IBP students beginning their study of Spanish at the 200-level or higher may opt to take up to six credits of Portuguese toward the completion of the major in Spanish.</p>



**THE  
UNIVERSITY  
OF RHODE ISLAND**

Mary Michelini <mary\_bradizza@uri.edu>

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**Fwd: Notice of Change Proposal - Spanish B.A.**

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Jared Abdirkin <jabdirkin@uri.edu>

Mon, Feb 22, 2016 at 8:25 PM

To: mary\_bradizza@uri.edu

Cc: Norbert Hedderich <hedderich@uri.edu>, Sigrid Berka <sigrid\_berka@uri.edu>

Good Evening Mary,

I trust that the proposed changes have been vetted carefully by Norbert and Sigrid Berka to ensure Spanish IEP students proceed through their Language degree plan as seamlessly as possible.

Sincerely,

Jared

*Jared B. Abdirkin*

Assistant Dean

College of Engineering

The University of Rhode Island

[www.uri.edu/coe](http://www.uri.edu/coe)

[Quoted text hidden]

**THE  
UNIVERSITY  
OF RHODE ISLAND**

Mary Michelini <mary\_bradizza@uri.edu>

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## Fwd: Notice of Change Proposal - Spanish B.A.

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Shaw K Chen <chenshaw@uri.edu>  
To: mary\_bradizza@uri.edu  
Cc: Norbert Hedderich <hedderich@uri.edu>

Mon, Feb 22, 2016 at 4:45 PM

Dear Mary:

CBA approves the changes on Spanish B.A as forwarded from Dr. Hederich.

All the best.

Shaw

Shaw K. Chen  
Associate Dean, Graduate Programs, Global Education and Research  
Director, PACAP Research Center  
College of Business Administration  
University of Rhode Island  
Kingston, RI 02881  
401-874-4339 chenshaw@uri.edu

----- Forwarded message -----

From: Deborah Rosen <drosen@uri.edu>  
Date: Mon, Feb 22, 2016 at 2:25 PM  
Subject: Fwd: Notice of Change Proposal - Spanish B.A.  
To: Shaw Chen <chenshaw@uri.edu>

Here is the second part.

Deborah Rosen, Ph.D.  
Associate Dean College of Business Administration  
Executive Director URI Transportation Center

----- Forwarded message -----

From: Norbert Hedderich <hedderich@uri.edu>  
Date: Mon, Feb 22, 2016 at 1:48 PM  
Subject: Fwd: Notice of Change Proposal - Spanish B.A.  
To: Jared Abdirkin <jabdirkin@mail.uri.edu>, Deborah Rosen <drosen@uri.edu>

Hi Deb and Jared,

Sorry about that email fragment just now. My finger wandered on to the Send button too soon.

Assuming you approve of the proposed changes to the Spanish B.A. program, A&S curriculum committee is requesting that you send a brief email to Mary Bradizza in A&S: [mary\\_bradizza@uri.edu](mailto:mary_bradizza@uri.edu) indicating you approve.

See the 'Rationale' paragraph on the form for a summary.

[Quoted text hidden]

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**2 attachments**



**Spanish B.A. NoticeofChange 1\_13\_16.doc**

39K



**Spanish B.A. Cat.\_Ch\_Suppl.Info\_docx.docx**

17K

**Notice of Change for the Bachelor of Interdisciplinary Studies (B.I.S.) Degree  
Date: March 15, 2016**

**A. PROGRAM INFORMATION**

**1. Name of institution**

University of Rhode Island

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

College: Alan Shawn Feinstein College of Continuing Education

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

Initiation date: Fall 2016

First degree date: Spring 2018

**4. Intended location of the program**

URI Feinstein Providence Campus

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

See attached catalog language changes and curriculum worksheets. All changes are in response to the changing general education requirements.

**If applicable, please include the existing URI catalog language and proposed catalog language changes that relate to your request.**

See attached.

**6. Signature of the President**

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David M. Dooley

CAC Submission  
 BIS Catalog Language Changes  
 (Per changes to general education requirements)  
 Submitted By: Tammy Vargas Warner, B.I.S Director  
 Annemarie Vaccaro, Interim Associate Dean, FCCE

Existing Language	Proposed New Language (Yellow highlights denote items moved to/from different catalog sections; Changes are in red)
<b>GENERAL B.I.S Overview Language</b>	
The B.I.S. program consists of the following required sections: 1) Pro-Seminar (BIS 100), 2) Traditions and Transformations (URI 101B), 3) General Education, 4) Major Curriculum, 5) Electives, and 6) Senior Project (BIS 399).	The B.I.S. program consists of the following required sections: 1) Pro-Seminar, 2) Traditions and Transformations, 3) General Education, 4) Major Curriculum, 5) Electives, and 6) Degree Requirements.
A total of 118 credits is required for the Bachelor of Interdisciplinary Studies degree.	A total of 118 credits is required for the Bachelor of Interdisciplinary Studies degree.
<p><b>General Education Requirements (39 credits).</b> Students in the B.I.S. program must meet the University's <a href="#">General Education Requirements</a>, including the URI 101 requirement. B.I.S. students use Senior Seminars BIS 390, 391, 392 to fulfill general education requirements in social sciences, natural sciences and letters. Students should consult frequently with their B.I.S. advisor to be sure all general education requirements are met.</p> <p><i>Senior Seminars (18 credits).</i> The Senior Seminars are a distinctive feature of the B.I.S. program. These three six-credit seminars are interdisciplinary in nature and enable students to integrate and synthesize their educational experiences. These seminars are normally begun when students have completed their other general education courses and most of the courses required for their major.          BIS 390 Social Science Seminar (6 credits)          BIS 391 Natural Science Seminar (6 credits)          BIS 392 Humanities Seminar (6 credits)</p>	<p><b>General Education Requirements (40 credits).</b> Students in the B.I.S. program must meet the University's <a href="#">General Education Requirements</a>. Students should consult frequently with their B.I.S. advisor to be sure all general education requirements are met.</p> <p><b>Degree Requirements (25 credits).</b>  <b>BIS 100 Pro Seminar (3 credits)</b>  <b>URI 101 Traditions and Transformations (1 credit)</b>          BIS 390 Social Science Seminar (6 credits)          BIS 391 Natural Science Seminar (6 credits)          BIS 392 Humanities Seminar (6 credits)  <b>BIS 399 Senior Project (3 credits)</b></p> <p><b>The BIS seminars</b> are a distinctive feature of the B.I.S. program. These three six-credit seminars are interdisciplinary in nature and enable students to integrate and synthesize their educational experiences. These seminars are normally begun when students have completed most of the courses required for their major.</p>



<p><b>Electives (24-27 credits).</b> Electives permit students to complete the B.I.S. degree in a number of creative ways, through course work, internships, or previous but relevant educational experience.</p>	<p><b>Electives (5-8 credits).</b> Electives permit students to complete the B.I.S. degree in a number of creative ways, through course work, internships, or previous but relevant educational experience.</p>
<p><b>B.I.S. Applied Communications Major</b></p>	
<p><i>Communications Core (24 credits).</i> These courses, all at or above the 200 level, must be chosen from communication studies, journalism, and writing (or ENG 205 or 305), with 12 credits from one department and 6 credits from each of the other two. Prerequisite communications courses are COM 100 and WRT 104.</p> <p><i>Methodology Course (3 credits).</i> Students may select COM 381, 382, 383, HDF 202, PSY 200, or STA 308.</p> <p><i>Major Seminar (BIS 398) (3 credits).</i> Students take this course near the end of their degree program, as it gives them an opportunity to review and evaluate the skills and knowledge they have acquired through their major.</p> <p><i>Area of Emphasis (15 credits).</i> With the help of an advisor, students select 15 credits that will comprise an area of emphasis, which may be used either to further develop skills in communications or for study in related areas. This area of emphasis must be approved by an advisor and the program director by the beginning of the student's junior year.</p>	<p><i>Communications Core (24 credits).</i> These courses, all at or above the 200 level, must be chosen from communication studies, journalism, and writing (or ENG 205 or 305), with 12 credits from one department and 6 credits from each of the other two.</p> <p><i>Methodology Course (3 credits).</i> Students may select COM 381, 382, 383, HDF 202, PSY 200, or STA 308.</p> <p><i>Major Seminar (BIS 398) (3 credits).</i> Students take this course near the end of their degree program, as it gives them an opportunity to review and evaluate the skills and knowledge they have acquired through their major.</p> <p><i>Area of Emphasis (15 credits).</i> With the help of an advisor, students select 15 credits that will comprise an area of emphasis, which may be used either to further develop skills in communications or for study in related areas. This area of emphasis must be approved by an advisor and the program director by the beginning of the student's junior year.</p>

<p><b>B.I.S. Business Institutions Major</b></p> <p>Students interested in the broad field of business will be interested in this major. This is a fully prescribed program with a specific list of required courses:</p> <p>BUS 110 Business Computing Applications or CSC 101, Computing Concepts  BUS 111 Business Analysis  BUS 201 Financial Accounting  BUS 202 Managerial Accounting  BUS 210 Managerial Statistics I or STA 308, Introductory Statistics  BUS 315 Legal and Ethical Environment of Business I  BUS 320 Financial Management  BUS 341 Organizational Behavior  BUS 355 Operations and Supply Chain Management  BUS 365 Marketing Principles  ECN 201 Principles of Economics: Microeconomics  ECN 202 Principles of Economics: Macroeconomics  WRT 227 Business Communications  Business Elective (3 credits)</p> <p>In addition to the courses above, students must elect one liberal elective course offered by a department outside their major. Most courses that fulfill these major requirements are available in Providence in the evening.</p>	<p>Students interested in the broad field of business will be interested in this major. This is a fully prescribed program with a specific list of required courses:</p> <p>BUS 110 Business Computing Applications or CSC 101, Computing Concepts  BUS 111 Business Analysis  BUS 201 Financial Accounting  BUS 202 Managerial Accounting  BUS 210 Managerial Statistics I or STA 308, Introductory Statistics  BUS 315 Legal and Ethical Environment of Business I  BUS 320 Financial Management  BUS 341 Organizational Behavior  BUS 355 Operations and Supply Chain Management  BUS 365 Marketing Principles  ECN 201 Principles of Economics: Microeconomics  ECN 202 Principles of Economics: Macroeconomics  WRT 227 Business Communications  Business Elective (3 credits)</p> <p>In addition to the courses above, students must elect one liberal elective course offered by a department outside their major. Most courses that fulfill these major requirements are available in Providence in the evening.</p>
<p><b>B.I.S. Health Services Administration Major</b></p> <p>Major Courses (30 credits)  BUS 201 Financial Accounting  ECN 201 Principles of Economics: Microeconomics  ECN 360 Health Economics  HDF 202 Research Perspectives in Human Development &amp;</p>	<p>Major Courses (30 credits)  BUS 201 Financial Accounting  ECN 201 Principles of Economics: Microeconomics  ECN 360 Health Economics  HDF 202 Research Perspectives in Human Development &amp;</p>

<p>Family Studies  HDF 357 Family and Community Health  HSA 360 Health Services Administration  HSA 380 Introductory Health Services Practicum  PHL 314 Ethical Problems in Society and Medicine  PSC 481 Political Science Seminar: Health Care Policy and Politics  SOC 224 Health, Illness, and Medical Care</p> <p><i>Areas of Emphasis within the Health Services Administration Major (18 credits):</i> Students fulfill the area of emphasis requirement by designing an area of emphasis to fit the student's experience and career interests, or by choosing from existing minors (see <a href="#">Minor Fields of Study</a>).</p>	<p>Family Studies  HDF 357 Family and Community Health  HSA 360 Health Services Administration  HSA 380 Introductory Health Services Practicum  PHL 314 Ethical Problems in Society and Medicine  PSC 481 Political Science Seminar: Health Care Policy and Politics  SOC 224 Health, Illness, and Medical Care</p> <p><i>Areas of Emphasis within the Health Services Administration Major (18 credits):</i> Students fulfill the area of emphasis requirement by designing an area of emphasis to fit the student's experience and career interests, or by choosing from existing minors (see <a href="#">Minor Fields of Study</a>).</p>
<p><b>B.I.S. Human Studies Major</b></p> <p>Students interested in the wide range of human studies or human services will be attracted to this major. It permits the student, working with an advisor, to design a major that will meet both personal and career goals. All human studies majors must have their program design approved in advance by an academic advisor and the program director. It must include the following four parts:</p> <p><i>Social Science Core (24 credits).</i> Students are required to select 24 credits from three of the following departments in the College of Arts and Sciences: economics, history, political science, psychology, and sociology and anthropology. These departments determine which of their courses are suitable for</p>	<p>Students interested in the wide range of human studies or human services will be attracted to this major. It permits the student, working with an advisor, to design a major that will meet both personal and career goals. All human studies majors must have their program design approved in advance by an academic advisor and the program director. It must include the following four parts:</p> <p><i>Social Science Core (24 credits).</i> Students are required to select 24 credits from three of the following departments in the College of Arts and Sciences: economics, history, political science, psychology, and sociology and anthropology.</p>

the B.I.S. major.

The 24 credits must be distributed as follows: four courses from one department, two courses from a second department, and two courses from a third. Only two prerequisite or introductory-level courses are allowed in the major. Students should meet with an advisor for more information regarding these courses.

*Methodology Course* (3 credits). Students are strongly advised to fulfill this requirement by taking HDF 202. In exceptional cases, students may be allowed to meet the methods requirement by taking PSY 200, SOC 301, or STA 220.

*Major Seminar* (BIS 397, 3 credits). Students take this course near the end of their degree program. It will give them an opportunity to review and evaluate the skills and knowledge they have acquired through their major.

*Area of Emphasis* (15 credits). The area of emphasis provides the student with an opportunity to select a group of courses that focus on a particular problem or population of interest. Once a particular focus is identified, students select 15 credits at or above the 300 level from a wide variety of departments. The advisor and the B.I.S. director must approve the Area of Emphasis.

The 24 credits must be distributed as follows: four courses from one department, two courses from a second department, and two courses from a third. Only two prerequisite or introductory-level courses are allowed in the major. Students should meet with an advisor for more information regarding these courses.

*Methodology Course* (3 credits). Students are strongly advised to fulfill this requirement by taking HDF 202. In exceptional cases, students may be allowed to meet the methods requirement by taking PSY 200, SOC 301, or STA 220.

*Major Seminar* (BIS 397, 3 credits). Students take this course near the end of their degree program. It will give them an opportunity to review and evaluate the skills and knowledge they have acquired through their major.

*Area of Emphasis* (15 credits). The area of emphasis provides the student with an opportunity to select a group of courses that focus on a particular problem or population of interest. Once a particular focus is identified, students select 15 credits at or above the 300 level from a wide variety of departments. The advisor and the B.I.S. director must approve the Area of Emphasis.

# BACHELOR OF INTERDISCIPLINARY STUDIES – BUSINESS INSTITUTIONS MAJOR

Student: \_\_\_\_\_

Advisor: \_\_\_\_\_

Student ID: \_\_\_\_\_

Requirement Term: \_\_\_\_\_

Date Prepared: \_\_\_\_\_

Expected Date of Graduation: \_\_\_\_\_

This degree plan is to provide you with the suggested courses and timeframe to complete your degree requirements. This plan is subject to change, depending on your needs and your discussions with your advisor.

Degree Requirements (25 Credits)			
Course	Semester Taken	Credits	Grade
BIS 100	_____	3	_____
URI 101B	_____	1	_____
BIS390 Social Science Seminar	_____	6	_____
BIS391 Natural Science Seminar	_____	6	_____
BIS392 Humanities Seminar	_____	6	_____
BIS399 Senior Project	_____	3	_____

General Education (40 Credits)			
Course	Semester Taken	Credits	Grade

**KNOWLEDGE**

A1. STEM _____	_____	_____	_____
A2. Social & Behavioral Sciences _____	_____	_____	_____
A3. Humanities _____	_____	_____	_____
A4. Arts & Design _____	_____	_____	_____

**COMPETENCIES**

B1. Write Effectively _____	_____	_____	_____
B2. Communicate Effectively _____	_____	_____	_____
B3. Mathematical, Statistical, Or computational Strategies _____	_____	_____	_____
B4. Information Literacy _____	_____	_____	_____

**RESPONSIBILITIES**

C1. Civic knowledge & Responsibilities _____	_____	_____	_____
C2. Global Responsibility _____	_____	_____	_____
C3. Diversity and Inclusion _____	_____	_____	_____

**INTEGRATE & APPLY**

D1. Ability to synthesize _____	_____	_____	_____
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**GRAND CHALLENGE**

G. At least 1 course above Must be a "G" course _____	_____	n/a	n/a
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**GENERAL EDUCATION POLICY**

1. At least 3 credits for each of the 12 outcomes (A1 – D1)
2. Must complete at least 1 grand challenge course
3. Must complete at least 40 credits of GenEd. GenEd electives should be taken to reach 40 credits if all outcomes are met.
4. No more than three courses can be from the same course code.



**Business Institutions Major Core Courses (45 Credits)**

Course		Semester Taken	Credits	Grade
BUS 201	Financial Accounting	_____	_____	_____
BUS 202	Managerial Accounting	_____	_____	_____
BUS 110	Business Computing (CSC 101)	_____	_____	_____
BUS 111	Business Analysis (MTH131 or higher)	_____	_____	_____
BUS 210	Principles of Statistics 1 (STA 308)	_____	_____	_____
BUS 315	Legal & Ethical Envir of Business	_____	_____	_____
BUS 320	Financial Management	_____	_____	_____
BUS 341	Organizational Behavior	_____	_____	_____
BUS 355	Operations & Supply Chain Mgt	_____	_____	_____
BUS 365	Marketing Principles	_____	_____	_____
ECN 201	Micro-Economics	_____	_____	_____
ECN 202	Macro-Economics	_____	_____	_____
WRT 227	Business Communications	_____	_____	_____
BUS Elective	_____	_____	_____	_____
Liberal Elective	_____	_____	_____	_____

**General Electives (8 Credits)**

Course		Semester Taken	Credits	Grade
_____		_____	_____	_____
_____		_____	_____	_____
_____		_____	_____	_____
_____		_____	_____	_____
_____		_____	_____	_____
_____		_____	_____	_____
_____		_____	_____	_____

**118 Credits total. 42 Credits of Upper Level Course Work (300 Level and Above) are Required to Graduate – list courses below**

_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____

**Minor (if Applicable)**

Area of Minor: \_\_\_\_\_

Minor Form Submitted/Received: \_\_\_\_\_

**GRADUATION**

Cleared for Graduation: \_\_\_\_\_

Graduated: \_\_\_\_\_

# BACHELOR OF INTERDISCIPLINARY STUDIES – HEALTH SERVICES ADMINISTRATION

Student: \_\_\_\_\_ Advisor: \_\_\_\_\_  
 Student ID: \_\_\_\_\_ Requirement Term: \_\_\_\_\_  
 Date Prepared: \_\_\_\_\_ Expected Date of Graduation: \_\_\_\_\_

This degree plan is to provide you with the suggested courses and timeframe to complete your degree requirements. This plan is subject to change, depending on your needs and your discussions with your advisor.

Degree Requirements (25 Credits)			
Course	Semester Taken	Credits	Grade
BIS 100	_____	3	_____
URI 101B	_____	1	_____
BIS390 Social Science Seminar	_____	6	_____
BIS391 Natural Science Seminar	_____	6	_____
BIS392 Humanities Seminar	_____	6	_____
BIS399 Senior Project	_____	3	_____

General Education (40 Credits)			
Course	Semester Taken	Credits	Grade

**KNOWLEDGE**

A1. STEM _____	_____	_____	_____
A2. Social & Behavioral Sciences _____	_____	_____	_____
A3. Humanities _____	_____	_____	_____
A4. Arts & Design _____	_____	_____	_____

**COMPETENCIES**

B1. Write Effectively _____	_____	_____	_____
B2. Communicate Effectively _____	_____	_____	_____
B3. Mathematical, Statistical, Or computational Strategies _____	_____	_____	_____
B4. Information Literacy _____	_____	_____	_____

**RESPONSIBILITIES**

C1. Civic knowledge & Responsibilities _____	_____	_____	_____
C2. Global Responsibility _____	_____	_____	_____
C3. Diversity and Inclusion _____	_____	_____	_____

**INTEGRATE & APPLY**

D1. Ability to synthesize _____	_____	_____	_____
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**GRAND CHALLENGE**

G. At least 1 course above Must be a "G" course _____	_____	n/a	n/a
--	-------	-----	-----

**GENERAL EDUCATION POLICY**

1. At least 3 credits for each of the 12 outcomes (A1 – D1)
2. Must complete at least 1 grand challenge course
3. Must complete at least 40 credits of GenEd. GenEd electives should be taken to reach 40 credits if all outcomes are met.
4. No more than three courses can be from the same course code.

**Health Services Administration Major Core Courses (30 Credits)**

Course	Semester Taken	Credits	Grade
BUS 201 Financial Accounting	_____	_____	_____
ECN 201 Principles of Economics: Microeconomics	_____	_____	_____
ECN 360 Health Economics	_____	_____	_____
HDF 202 Research Perspectives in HDF	_____	_____	_____
HDF 357 Family and Community Health	_____	_____	_____
HSA 360 Health Services Administration	_____	_____	_____
HSA 380 Introductory HSA Practicum	_____	_____	_____
PHL 314 Ethical Problems in Society and Medicine	_____	_____	_____
PSC 481 Pol Sci Sem: Health Care Policy and Politics	_____	_____	_____
SOC 224 Health, Illness, and Medical Care	_____	_____	_____

**Area of Emphasis (18 Credits)**

Course	Semester Taken	Credits	Grade
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

**General Electives (5 Credits)**

Course	Semester Taken	Credits	Grade
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

**120 Minimum Credits needed to meet graduation requirement**  
**42 credits must be Upper Level Course Work (300 Level and Above) list courses below:**

_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____

**Minor (if Applicable)**

Area of Minor: \_\_\_\_\_  
 Minor Form Submitted/Received: \_\_\_\_\_

**GRADUATION**

Cleared for Graduation: \_\_\_\_\_                      Graduated: \_\_\_\_\_

# BACHELOR OF INTERDISCIPLINARY STUDIES – HUMAN STUDIES MAJOR

Student: \_\_\_\_\_ Advisor: \_\_\_\_\_  
 Student ID: \_\_\_\_\_ Requirement Term: \_\_\_\_\_  
 Date Prepared: \_\_\_\_\_ Expected Date of Graduation: \_\_\_\_\_

This degree plan is to provide you with the suggested courses and timeframe to complete your degree requirements. This plan is subject to change, depending on your needs and your discussions with your advisor.

Degree Requirements (25 Credits)			
Course	Semester Taken	Credits	Grade
BIS 100	_____	3	_____
URI 101B	_____	1	_____
BIS390 Social Science Seminar	_____	6	_____
BIS391 Natural Science Seminar	_____	6	_____
BIS392 Humanities Seminar	_____	6	_____
BIS399 Senior Project	_____	3	_____

General Education (40 Credits)			
Course	Semester Taken	Credits	Grade

**KNOWLEDGE**

A1. STEM \_\_\_\_\_

A2. Social & Behavioral Sciences \_\_\_\_\_

A3. Humanities \_\_\_\_\_

A4. Arts & Design \_\_\_\_\_

**COMPETENCIES**

B1. Write Effectively \_\_\_\_\_

B2. Communicate Effectively \_\_\_\_\_

B3. Mathematical, Statistical,  
Or computational Strategies \_\_\_\_\_

B4. Information Literacy \_\_\_\_\_

**RESPONSIBILITIES**

C1. Civic knowledge &  
Responsibilities \_\_\_\_\_

C2. Global Responsibility \_\_\_\_\_

C3. Diversity and Inclusion \_\_\_\_\_

**INTEGRATE & APPLY**

D1. Ability to synthesize \_\_\_\_\_

**GRAND CHALLENGE**

G. At least 1 course above  
 Must be a "G" course \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_  
\_\_\_\_\_ \_\_\_\_\_ n/a n/a

**GENERAL EDUCATION POLICY**

1. At least 3 credits for each of the 12 outcomes (A1 – D1)
2. Must complete at least 1 grand challenge course
3. Must complete at least 40 credits of GenEd. GenEd electives should be taken to reach 40 credits if all outcomes are met.
4. No more than three courses can be from the same course code.

**Human Studies Major Core Courses (30 Credits)**

Select three (3) subject areas to form a topic of study. Subject areas include:  
PSY, SOC, PSC, HIS, APG, ECN

Course	Semester Taken	Credits	Grade
Subject 1 _____	_____	_____	_____
Subject 1 _____	_____	_____	_____
Subject 2 _____	_____	_____	_____
Subject 2 _____	_____	_____	_____
Subject 3 _____	_____	_____	_____
Subject 3 _____	_____	_____	_____
Subject 3 _____	_____	_____	_____
HDF 202 Research Perspectives in HDF	_____	_____	_____
BIS 397 Human Studies Seminar	_____	_____	_____

**Area of Emphasis (15 Credits)**

Course	Semester Taken	Credits	Grade
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

**General Electives (8 Credits)**

Course	Semester Taken	Credits	Grade
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

**118 Minimum Credits needed to meet graduation requirement**  
**42 credits must be Upper Level Course Work (300 Level and Above) list courses below:**

_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____

**Minor (if Applicable)**

Area of Minor: \_\_\_\_\_  
 Minor Form Submitted/Received: \_\_\_\_\_

**GRADUATION**

Cleared for Graduation: \_\_\_\_\_                      Graduated: \_\_\_\_\_



Notice of Change for **Minor Curriculum Changes for Civil and Environmental Engineering**  
Date: **February 20, 2016**

A. PROGRAM INFORMATION

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: **Fall 2016**

First degree date: **Spring 2017**

4. Intended location of the program: **Kingston Campus, College of Engineering, Bliss Hall**

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

Some supporting courses (GEO 103, WRT 332, STA 409, ISE 404) were moved up in the curriculum to better prepare students in subsequent engineering courses including labs where principles of writing and statistics are heavily used. One engineering design course (CVE 483) was also moved up to better prepare students for the senior design capstone project. The titles of two courses (CVE 354 and CVE 355) were corrected.

Finally, the "technical elective" course was replaced by a "professional elective" course and the definition of a professional elective was expanded to include the list of courses previously used as technical electives. This was done to provide students with the opportunity to take more CVE design/elective courses. In addition, a limit of 6 credits of special problems used toward the 15 credits of professional electives has been added.

If applicable, please include the existing URI catalog language and proposed catalog language changes that relate to your request.

**EXISTING URI CATALOG LANGUAGE:**

The civil engineering major requires 124 credits.

*Freshman Year First semester: 15 credits*

CHM 101 (3), 102 (1); ECN 201 (3); EGR 105 (1); MTH 141 (4); and general education requirement (3).

*Second semester: 16 credits*

EGR 106 (2); MTH 142 (4); PHY 203 (3), 273 (1); and general education requirement (6).

*Sophomore Year First semester: 16 credits*

CVE 205 (2); GEO 103 (4); MCE 262 (3); MTH 243 (3); and PHY 204 (3), 274 (1);.

*Second semester: 16 credits*

CHM 112 (3); CVE 220 (3), 230 (1); MCE 263 (3); MTH 244 (3); and general education requirements (3).

*Junior Year First semester: 17 credits*

CVE 346 (3), 354 (3), 355 (1), 374 (3), 381 (3), 382 (1); and MCE 354 (3).

*Second semester: 14 credits*

CVE 347 (3), 348 (1), 370 (3), 375 (1), ; STA 409 (3); and technical elective<sup>1</sup> (3)

*Senior Year First semester: 15 credits*

CVE 400 (1), 465 (3), 497 (2) [**capstone**]; WRT 332 (3); and professional electives<sup>2</sup> (6).

*Second semester: 15 credits*

CVE 483 (3), 498 (3) [**capstone**]; ISE 404 (3); professional electives<sup>2</sup> (6); and take the Fundamentals of Engineering (FE) Examination<sup>3</sup>.

<sup>1</sup> *Technical Elective Requirement:* Select one (1) of the following: CHE 333, ELE 220, MCE 341, or MTH 215.

<sup>2</sup> *Professional Elective Requirements:* Three (3) of the twelve credits (12) must be selected from the following courses: CVE 470, 471, 475, 477. The remaining nine (9) credits can be any 300-level and above CVE courses.

<sup>3</sup> *Fundamentals of Engineering (FE) Examination:* All CVE majors are required to take the FE Examination offered by NCEES as a part of graduation requirements. Official NCEES proof of having taken the exam is required.

**PROPOSED URI CATALOG LANGUAGE:**

The civil engineering major requires 124 credits.

*Freshman Year First semester: 15 credits*

EGR 105 (1); CHM 101 (3), 102 (1); MTH 141 (4); ECN 201 (3); and general education requirement (3).

*Second semester: 17 credits*

EGR 106 (2); PHY 203 (3), 273 (1); MTH 142 (4); GEO 103 (4); and general education requirement (3).

*Sophomore Year First semester: 15 credits*

CVE 205 (2); MCE 262 (3); MTH 243 (3); and PHY 204 (3), 274 (1); WRT 332 (3).

*Second semester: 16 credits*

CVE 220 (3), 230 (1); MCE 263 (3); MTH 244 (3); CHM 112 (3); and STA 409 (3).

*Junior Year First semester: 17 credits*

CVE 346 (3), 354 (3), 355 (1), 374 (3), 381 (3), 382 (1); and MCE 354 (3).

*Second semester: 14 credits*

CVE 347 (3), 348 (1), 370 (3), 375 (1); ISE 404 (3); and general education requirement (3).

*Senior Year First semester: 15 credits*

CVE 400 (1), 465 (3), 483 (3), 497 (2) [**capstone**]; and professional electives<sup>1</sup> (6).

*Second semester: 15 credits*

CVE 498 (3) [**capstone**]; professional electives<sup>1</sup> (9); general education requirement (3); and take the Fundamentals of Engineering (FE) Examination<sup>2</sup>.

<sup>1</sup> *Professional Elective Requirements:* Three (3) of the fifteen (15) credits must be selected from the following courses: CVE 470, 471, 475, 477. The remaining twelve (12) credits can be any 300-level and above CVE courses and may include three (3) credits from the following courses: CHE 333, ELE 220, MCE 341, or MTH 215. A maximum of six (6) credits of Special Problems (CVE 491 or 492) may be taken.

<sup>2</sup> *Fundamentals of Engineering (FE) Examination:* All CVE majors are required to take the FE Examination offered by NCEES as a part of graduation requirements. Official NCEES proof of having taken the exam is required.

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

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David M. Dooley



## EXISTING CIVIL ENGINEERING CURRICULUM

Freshman Year - Fall		
Course	Description	Cr
EGR 105	Foundations of Engineering I	1
CHM 101	General Chem I Lecture	3
CHM 102	General Chem I Lab	1
MTH 141	Intro Calculus w/Analytic Geometry	4
ECN 201	Principles of Microeconomics	3
	General Education Elective	3
		<b>15</b>

Freshman Year - Spring		
Course	Description	Cr
EGR 106	Foundations of Engineering II	2
PHY 203	Elementary Physics I Lecture	3
PHY 273	Elementary Physics I Lab	1
MTH 142	Intermed Calculus w/Analytic Geometry	4
	General Education Elective	3
	General Education Elective	3
		<b>16</b>

Sophomore Year - Fall		
Course	Description	Cr
CVE 205	Intro to Civil Engineering Tools	2
GEO 103	Understanding the Earth	4
MCE 262	Statics	3
MTH 243	Calculus for Functions of Several Variables	3
PHY 204	Elementary Physics II Lecture	3
PHY 274	Elementary Physics II Lab	1
		<b>16</b>

Sophomore Year - Spring		
Course	Description	Cr
CVE 220	Mechanics of Materials	3
CVE 230	Mechanics of Materials Laboratory	1
MCE 263	Dynamics	3
MTH 244	Differential Equations	3
CHM 112	General Chemistry II	3
	General Education Elective	3
		<b>16</b>

Junior Year - Fall		
Course	Description	Cr
CVE 346	Transportation Engineering	3
CVE 354	Structural Analysis	3
CVE 355	Structural Analysis Lab	1
CVE 374	Environmental Engineering	3
CVE 381	Geotechnical Engineering	3
CVE 382	Geotechnical Engineering Lab	1
MCE 354	Fluid Mechanics	3
		<b>17</b>

Junior Year - Spring		
Course	Description	Cr
CVE 347	Highway Engineering	3
CVE 348	Highway Engineering Lab	1
CVE 370	Hydraulic Engineering	3
CVE 375	Environmental Engineering Lab	1
STA 409	Statistics	3
	Technical Elective *	3
		<b>14</b>

Senior Year - Fall		
Course	Description	Cr
CVE 400	Civil Engineering Licensure	1
CVE 465	Anal & Design of Concrete Structures	3
CVE 497	Civil Engineering Design I	2
WRT 332	Technical or Scientific Writing	3
	Professional Elective**	3
	Professional Elective**	3
		<b>15</b>

Senior Year - Spring		
Course	Description	Cr
CVE 483	Foundation Engineering	3
CVE 498	Civil Engineering Design II	3
ISE 404	Eng. Economy & Project Planning	3
	Professional Elective**	3
	Professional Elective**	3
	Take FE Exam	
		<b>15</b>

**TOTAL CREDIT HOURS 124**

\* Select one of CHE 333, ELE 220, MCE 341, or MTH 215

\*\* Three of the 12 credits must be one of the following courses: CVE 470, 471, 475, 477;  
The remaining 9 credits can be any 300-level and above CVE courses



## PROPOSED CHANGES

Freshman Year - Fall			Freshman Year - Spring		
Course	Description	Cr	Course	Description	Cr
EGR 105	Foundations of Engineering I	1	EGR 106	Foundations of Engineering II	2
CHM 101	General Chem I Lecture	3	PHY 203	Elementary Physics I Lecture	3
CHM 102	General Chem I Lab	1	PHY 273	Elementary Physics I Lab	1
MTH 141	Intro Calculus w/Analytic Geometry	4	MTH 142	Intermed Calculus w/Analytic Geometry	4
ECN 201	Principles of Microeconomics	3	GEO 103	General Education Elective Understanding the Earth	3 4
	General Education Elective	3		General Education Elective	3
		15			16 17
Sophomore Year - Fall			Sophomore Year - Spring		
CVE 205	Intro to Civil Engineering Tools	2	CVE 220	Mechanics of Materials	3
GEO 103	Understanding the Earth	4	CVE 230	Mechanics of Materials Laboratory	1
WRT 332	Technical Writing	3	MCE 263	Dynamics	3
MCE 262	Statics	3	MTH 244	Differential Equations	3
MTH 243	Calculus for Functions of Several Variables	3	CHM 112	General Chemistry II	3
PHY 204	Elementary Physics II Lecture	3	STA 409	General Education Elective Statistics	3 4
PHY 274	Elementary Physics II Lab	1			16
		16 15			
Junior Year - Fall			Junior Year - Spring		
CVE 346	Transportation Engineering	3	CVE 347	Highway Engineering	3
CVE 354	Structural Engineering	3	CVE 348	Highway Engineering Lab	1
CVE 355	Structural Engineering Lab	1	CVE 370	Hydraulic Engineering	3
CVE 374	Environmental Engineering	3	CVE 375	Environmental Engineering Lab	1
CVE 381	Geotechnical Engineering	3	STA 409	Statistics	3
CVE 382	Geotechnical Engineering Lab	1		General Education Elective	3
MCE 354	Fluid Mechanics	3	ISE 404	Technical Elective* Engineering Economy and Project Planning	3 3
		17			14
Senior Year - Fall			Senior Year - Spring		
CVE 400	Civil Engineering Licensure	1	CVE 483	Foundation Engineering General Education Elective	3 3
CVE 465	Anal & Design of Concrete Structures	3	CVE 498	Civil Engineering Design II	3
CVE 497	Civil Engineering Design I	2	ISE 404	Eng. Economy & Project Planning Professional Elective*	3 3
WRT 332	Technical or Scientific Writing	3		Professional Elective*	3
CVE 483	Foundation Engineering	3		Professional Elective*	3
	Professional Elective*	3		Take FE Exam**	
	Professional Elective*	3			15
		15			

**TOTAL CREDIT HOURS 124**

1. Select one of CHE 333, ELE 220, MCE 341, or MTH 215

2. Three of the 12 credits must be one of the following courses: CVE 470, 471, 475, 477; The remaining 9 credits can be any 300-level and above CVE courses

3. Three (3) of the fifteen (15) credits must be selected from the following courses: CVE 470, 471, 475, 477. The remaining twelve (12) credits can be any 300-level and above CVE courses and may include three (3) credits from the following courses: CHE 333, ELE 220, MCE 341, or MTH 215. A maximum of six (6) credits of Special Problems (CVE 491 or 492) may be taken.

4. Fundamentals of Engineering (FE) Examination: All CVE majors are required to take the FE Examination offered by NCEES as a part of graduation requirements. Official NCEES proof of having taken the exam is required.

2019  
2020

**Comment [M1]:** Moved GEO103 to freshman year to make space for moving WRT and STA up to sophomore year. It is also a 100-level course so it is appropriate at the 100-level. There is no pre-requisites.

Need to contact GEO dept.

**Comment [M2]:** Moved WRT332 from senior year to sophomore year to allow students the opportunity to learn how to write technical matters before they begin intensive lab experience in junior year.

Removed reference to scientific writing (not offered yet) to correspond with course number of WRT 332. There are no pre-requisites for this course.

No need to contact WRT dept because course stayed in fall semester.

**Comment [M3]:** Moved STA409 from junior year to sophomore year to help prepare students for labs in junior year.

Pre-req MTH 131 or 141.

No need to contact STA dept because course stayed in spring semester.

**Comment [M4]:** Corrected name. Structural Engineering not Structural Analysis

**Comment [M5]:** Moved ISE 404 to junior year so that by the end of the fall semester of senior year, students would have taken all topics on FE exam.

This move also allows space so that all professional electives (and former technical elective) be taken at the senior level.

**Comment [M6]:** Moved CVE 483 to fall so students would have all design courses before they start senior design.

It also helps with FE exam because students generally take exam at end of fall

**Comment [M7]:** Updated definition of professional electives to include the list of courses previously considered as technical electives. Also added a sentence to limit the number of credits taken as special problems to be counted as professional electives.

**Comment [M8]:** Added to match the catalog



## CIVIL ENGINEERING CURRICULUM

Freshman Year - Fall		
Course	Description	Cr
EGR 105	Foundations of Engineering I	1
CHM 101	General Chem I Lecture	3
CHM 102	General Chem I Lab	1
MTH 141	Intro Calculus w/Analytic Geometry	4
ECN 201	Principles of Microeconomics	3
	General Education Elective	3
		<b>15</b>
Sophomore Year - Fall		
CVE 205	Intro to Civil Engineering Tools	2
MCE 262	Statics	3
MTH 243	Calculus for Functions of Several Variables	3
PHY 204	Elementary Physics II Lecture	3
PHY 274	Elementary Physics II Lab	1
WRT 332	Technical Writing	3
		<b>15</b>
Junior Year - Fall		
CVE 346	Transportation Engineering	3
CVE 354	Structural Engineering	3
CVE 355	Structural Engineering Lab	1
CVE 374	Environmental Engineering	3
CVE 381	Geotechnical Engineering	3
CVE 382	Geotechnical Engineering Lab	1
MCE 354	Fluid Mechanics	3
		<b>17</b>
Senior Year - Fall		
CVE 400	Civil Engineering Licensure	1
CVE 465	Anal & Design of Concrete Structures	3
CVE 483	Foundation Engineering	3
CVE 497	Civil Engineering Design I	2
	Professional Elective*	3
	Professional Elective*	3
		<b>15</b>

Freshman Year - Spring		
Course	Description	Cr
EGR 106	Foundations of Engineering II	2
PHY 203	Elementary Physics I Lecture	3
PHY 273	Elementary Physics I Lab	1
MTH 142	Intermed Calculus w/Analytic Geometry	4
GEO 103	Understanding the Earth	4
	General Education Elective	3
		<b>17</b>
Sophomore Year - Spring		
CVE 220	Mechanics of Materials	3
CVE 230	Mechanics of Materials Laboratory	1
MCE 263	Dynamics	3
MTH 244	Differential Equations	3
CHM 112	General Chemistry II	3
STA 409	Statistics	3
		<b>16</b>
Junior Year - Spring		
CVE 347	Highway Engineering	3
CVE 348	Highway Engineering Lab	1
CVE 370	Hydraulic Engineering	3
CVE 375	Environmental Engineering Lab	1
ISE 404	Engineering Economy and Project Planning	3
	General Education Elective	3
		<b>14</b>
Senior Year - Spring		
CVE 498	Civil Engineering Design II	3
	Professional Elective *	3
	Professional Elective*	3
	Professional Elective*	3
	General Education Elective	3
	Take FE Exam	
		<b>15</b>

**TOTAL CREDIT HOURS 124**

\* Three (3) of the fifteen (15) credits must be selected from the following courses: CVE 470, 471, 475, 477. The remaining twelve (12) credits can be any 300-level and above CVE courses and may include three (3) credits from the following courses: CHE 333, ELE 220, MCE 341, or MTH 215. A maximum of six (6) credits of Special Problems (CVE 491 or 492) may be taken.

\*\* Fundamentals of Engineering (FE) Examination: All CVE majors are required to take the FE Examination offered by NCEES as a part of graduation requirements. Official NCEES proof of having taken the exam is required.

**Notice of Change for College of Pharmacy Progression Standards  
Date: February 25, 2016**

**A. PROGRAM INFORMATION**

**1. Name of institution**

University of Rhode Island

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

Department:

College: College of Pharmacy

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

Initiation date: September 2016

First degree date: May 2022

**4. Intended location of the program**

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

See Attached

**If applicable, please include the existing URI catalog language and proposed catalog language changes that relate to your request.**

See Attached

**6. Signature of the President**

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David M. Dooley



To: Curriculum Committee  
From: College of Pharmacy  
Date: February 29, 2016  
Re: Progression Standards

The College of Pharmacy previously updated our PharmD progression standards in the spring of 2012 (for fall 2012 implementation) to address issues arising from increasing our class size from 90 students to 130 yearly, changing expectations for pharmacists following graduation and several years of assessment data on student performance. This revised policy has now been in effect for 4 years and we will be graduating our first class held to these new standards in May of 2016. Over the past 4 years, we have collected data on this policy. Based on our analysis of trends in student performance, we are now refining this policy to clarify some of the original language as well as better address some issues (e.g. criteria for probation) not fully addressed in the original revision. In addition, the College is working towards meeting the latest revision of the Accreditation Council for Pharmacy Education's (ACPE) accreditation standards (released January 2016). This revised policy includes additional language that will be in concordance with the updated ACPE standards.



## **Proposed Catalog Language:**

### **Retention and graduation requirements**

**Retention and Graduation Requirements.** Starting with the first professional year (P1), the College of Pharmacy calculates a Quality Point Average (QPA) for all students, which differs from students' GPA calculated by the University. The QPA calculated by the College includes only required didactic pharmacy courses. Students must earn a minimum cumulative QPA (cQPA) of 2.30 in all required didactic professional courses in order to proceed into Advanced Pharmacy Practice Experiences (APPE) and to qualify for graduation in the Pharm.D. program. The minimally acceptable grade in all required professional courses is a C- or demonstrated proficiency through remediation (see below). Students can repeat up to 6 credits per semester, up to a maximum of fifteen credits of pharmacy courses, in which they received a C or less, in order to achieve the 2.30 cQPA APPE and graduation requirement. Students will only be allowed to repeat a specific course one time. Students who have reached the 15 credit maximum in course repeats without achieving the 2.30 cQPA AND achieving minimally acceptable grades required for proceeding to APPE or graduation will be dismissed from the program.

A student who receives any grade of less than a C- in any required didactic pharmacy course or whose cQPA in professional courses falls between 2.20 and 2.30 at the end of any semester will be reviewed by the scholastic standing committee and presented with a remediation plan that must be successfully completed to progress in the curriculum. Remediation plans will be designed to meet program standards (cQPA and minimum grade requirements) and may include repeating courses, additional self-study and/or faculty assessment of proficiency through assignments and examinations. Remediation plans will be developed by the

Scholastic Standing Committee taking into account the student's cQPA, length enrolled in the professional program (i.e. P1, P2 or P3 professional years), the number and types of deficiencies and trends in academic performance. Students unsuccessful in completing remediation plans as outlined by the Scholastic Standing Committee will be dismissed from the Pharm.D. Program. The development and assessment of successful completion of remediation plans by the Scholastic Standing Committee shall be final.

Students will automatically be placed on probation when they have a cQPA of less than 2.3, or a semester QPA of less than 2.3, or any grade of less than a C- in a required didactic pharmacy course. Students on probation (for any reason) for two consecutive semesters without returning to good standing (cQPA  $\geq$  2.3 and correction of all deficiencies) will be dismissed from the program. The student whose cQPA in professional courses falls below a 2.20 at the end of any semester will be dismissed from the program. Students subject to dismissal for failing to meet retention requirements shall have the right to appeal to the Associate Dean of Student and Academic Affairs of the College of Pharmacy within five days of the date of notice. The appeal will be reviewed by the College of Pharmacy's Scholastic Standing Committee that shall confirm the dismissal or continue the student on probation. The decision of the scholastic standing committee shall be final.

Students will not be allowed to proceed into APPEs without at least a 2.30 cQPA in required professional pharmacy courses and successful completion of all required, professional elective courses, and Introductory Pharmacy Practice Experience (IPPE). P3 students must take the Pharmacy Curriculum Outcomes Assessment (PCOA) prior to beginning APPE rotations. Students must earn a C- or better for any APPE rotation.

Professional and/or legal exigencies arise from time to time which may necessitate changes in a pharmacy course, progression, and/or graduation requirements. Students should

review their status with academic advisors on a timely basis and refer to current publications for updated information.



## **Existing Course Catalog language 2015-2016**

### **Retention and graduation requirements**

**Retention and Graduation Requirements.** Starting with the first professional year (P1), the College of Pharmacy calculates a Quality Point Average (QPA) for all students, which differs from students' GPA calculated by the University. The QPA calculated by the College includes only required didactic pharmacy courses. Students must earn a minimum QPA of 2.30 in all required didactic professional courses in order to qualify for graduation in the Pharm.D. program. Students can repeat up to 6 credits per semester, up to a maximum of fifteen credits of pharmacy courses, in which they received a C- or less, in order to achieve the 2.30 QPA graduation requirement. Students who have reached the 15 credit maximum repeats without achieving the 2.30 QPA required for graduation will be dismissed from the program.

A student who receives any grade of less than a C- in any required didactic pharmacy course or whose cumulative QPA in professional courses falls between 2.20 and 2.30 at the end of any semester will be reviewed by the scholastic standing committee and presented with a remediation plan that must be successfully completed to progress in the curriculum. Remediation plans may include repeating courses, additional self-study and faculty assessment of proficiency through assignments and examinations. Remediation plans will be developed by the scholastic standing committee taking into account the student's QPA, length enrolled in the professional program (i.e. P1, P2 or P3 professional years), the number and types of deficiencies and trends in academic performance. Students who are unsuccessful in completing remediation plans will be dismissed from the program.

The student whose cumulative QPA in professional courses falls below a 2.20 at the end of any semester will be dismissed from the program. Students subject to dismissal for failing to meet retention requirements shall have the right to appeal to the Associate Dean of Student and Academic Affairs of the College of Pharmacy within five days of the date of notice. The appeal will be reviewed by the College of Pharmacy's Scholastic Standing Committee that shall confirm the dismissal or continue the student on probation. The decision of the scholastic standing committee shall be final.

Students will not be allowed to proceed into Advanced Pharmacy Practice Experiences (APPE) without at least a 2.30 QPA in required professional pharmacy courses. Students must earn a C- or better for any APPE rotation.