5-5-2016

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

University of Rhode Island Faculty Senate

THE
UNIVERSITY
OF RHODE ISLAND
FACULTY SENATE OFFICE
Green Hall, 35 Campus Avenue, Kingston, RI 02881 USA p: 401.874.2616

THINK BIG WE DO

Serial Number #15-16—35B

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

1. The attached BILL titled, The Five Hundred and Thirty-Third 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 May 5, 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 26, 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

May 5, 2016

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

5.18.16
(date)

UNIVERSITY OF RHODE ISLAND FACULTY SENATE

May 5, 2016
Faculty Senate Curricular Affairs Committee
Five Hundred and Thirty-Third Report

At the April 25, 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:

Changes to the BA Music program: (see Appendix A)

The Music Department requests the changes to the catalog copy for the Music BA program and the addition of a statement to Minors in Music sections. This language change will allow for consistent and concise language in regard to the audition requirements for the BA and BOM programs.

Changes to Bachelor of Arts degree in Sociology: (see Appendix E)

Changes:

- adding a statistics requirement to the major
- changing the major requirement from two (2) to one (1) inequality course
- deleting courses that no longer are taught
- changing course numbering and level: SOC 301 becomes 440; SOC 401 becomes SOC 395

Add a quantitative methods requirement to the Sociology B.A. degree curriculum. This requirement can be fulfilled by taking a new course, SOC 460: Quantitative Methods in Sociology, or taking a similar course in another department. Possible options are STA 220, STA 308, STA 409, PSY 200 (Psychology double majors only), or PSC 310 (Political Science double majors only).

Currently students are required to take 1 methods course - SOC 301: Sociological Research, which is an overview of research methods used by social scientists. The purpose of adding a quantitative methods requirement is that statistics and data analysis skills are tangible and marketable skills that students can acquire when earning a sociology degree. Research skills are an important component of sociology as a 21st century major, and requiring two methods courses gives further opportunities to develop analytical skills that prepare them for meaningful careers and graduate studies. Greater understanding of statistics makes them better informed consumers of quantitative data (which is increasingly important in our data-driven world), and better prepares them to analyze that data. In addition, adding this course would strengthen our learning outcome: Students can demonstrate the ability to interpret, locate, evaluate, generate and use sociologically relevant data to test hypotheses and draw evidence-based conclusions. Furthermore, adding a statistics course was recommended by our external academic program review, conducted by Dr. Elizabeth J. Clifford of Towson University, in fall 2014.

This would mean that students are required to take 2 methods course for the degree. The first would be the existing course, SOC 301: Sociological Research, and the second would be a quantitative methods course offered through our department (SOC 460) or the statistics department.

Remove one of the two required social inequality courses to the Sociology B.A. curriculum. Currently, students must take two designated SOC inequality courses (240, 242, 336, 413, 428, and 452). However, faculty are in agreement that students are able to gain considerable knowledge of social inequalities in a number of sociology courses that are not designated as social inequality courses, such as Introduction to Sociology (SOC 100). Students also learn about social inequalities in their elective courses in Sociology and other departments. Therefore, we propose to require only one social inequality course for the B.A.

Delete courses that are no longer taught. This includes: SOC 214, 322, 326, 408, 444, SOC/PSC 505, SOC/EEC/MAF/PSC 595, SOC/PSY 610. (See attached list with rationale)
Change course numbers and levels.

We are proposing to change the numbering of two required SOC courses, SOC 301 *Sociological Research Methods*, and SOC 401 *History of Sociological Thought.*

Rationale: In order to understand and practice theoretically-based research methods, students need to have a background in theory before taking methods. We see empirically that students who have taken SOC 401 (Theory) before taking 301 (Methods) tend to do better in 301.
Now, the numbering of methods (301) and theory (401) communicates just the opposite order to students. Changing the levels of these two required courses makes it more clear to students that they should take theory first. We also think that creating entirely new numbers, rather than switching 301 and 401, will eliminate confusion for our current students. Thus, we are proposing that Theory (presently 401) becomes "395" and Methods (presently 301) becomes "440."

Changes to course options for Arabic Minor: (see Appendix F)
We request to add RLS/PSC 221 Islam and Its Civilization as a course students may choose in fulfillment of requirement for the minor in Arabic Language and Culture. This new course is a perfect fit for the minor.

Changes to the Bachelor of Arts in German: (see Appendix G)
We propose to remove GER 112 from the list of courses that do not count for the major.
Rationale: In addition to the existing GER 101 – 104 sequence (3 credit courses), we recently introduced a sequence of 4 credit, intensive-track courses, GER 111, 112, 113, 114). The four-credit courses progress at a faster pace. Under existing rules, after three semesters a student in the intensive-track would have completed 12 credits, but 8 of them would not count for the major. Students clearly cover material in GER 112 needed for the major. Also, this change will align the GER 4-credit sequence with the other language in the department, Chinese, which has developed a 4 credit sequence. Counting CHN 112 for the CHN major was approved last year.

B. COLLEGE OF ENGINEERING:

Changes to requirements for Bachelor of Science in Chemical Engineering: (see Appendix I)
The Chemical Engineering program would like to be consistent with the COE and allow students to take the two courses in "Entrepreneurship", EGR 325 and 326 as Professional Electives. At present we do not allow electives from the COE under 400 level. This will also move us forward toward leading schools such as Stanford, which promote entrepreneurship in their undergraduate students.

Changes to the BS in Industrial and Systems Engineering Program: (see Appendix J)
The Industrial and Systems Engineering program is proposing several changes in the B.S. degree requirements. They are summarized as follows:

The following changes are made:
ISE 404, 411, 412, 432, and 433 - renumber to the 300-level since they are all typically taken by junior ISE majors.
ISE 325 - revise content and course description, suggested by new faculty member.

Also attached is the new curriculum plan for Class of 2020, which includes the following changes:
1) replace ECN 201 with a more flexible general education outcome
2) remove EGR 316 engineering ethics since it has not yet been submitted to the new general education program
3) replace PHY 205/275 with a basic science elective
4) re-number 404, 411, 412, 432 and 433 to 300-level comparable numbering system
5) add ISE 420 as required course, based on comparison with other ISE curriculum plans at other universities
6) re-arrange which semester courses are recommended
7) correct title of ISE 220 to match catalog
8) specify general education minimum credits
9) update professional elective list to match URI Business Minor courses which were updated in 2015
10) define science elective options in footnote

Changes to the BS in Mechanical Engineering Program: (see Appendix K)
The Mechanical Engineering program is proposing several changes in the B.S. degree requirements. They are summarized as follows:

The Mechanical Engineering program currently has a requirement that all students enroll in ECN 201 during the Spring of their Freshman Year. ECN 201 will no longer be a requirement for the Mechanical Engineering BS degree. Instead, the students can take a general education course of their choice.
The Mechanical Engineering program currently has a requirement that all students enroll in PHY 205 and PHY 275 during the Spring of their Sophomore Year. PHY 205 and PHY 275 will no longer be a requirement for the Mechanical Engineering BS degree. Instead, the students can elect one of the following Science elective courses: PHY 205/275, CHM 112, CHM 124
As a result of these changes, the total number of credits required for graduation will drop from 122 to 121.

C. COLLEGE OF HUMAN SCIENCE AND SERVICES:

Changes for the Bachelor of Science Degree in Kinesiology: (see Appendix M)

The Department of Kinesiology has altered the curriculums for the exercise science, health and physical education and early contingent physical therapy programs to accommodate the new URI general education program. This necessitated very minor changes in how the curriculum is presented to students. No required courses were added to or subtracted from the programs

Changes for the Bachelor of Science Degree in Health Studies: (see Appendix N)

Health Studies has altered the curriculum to accommodate the new URI general education program. This necessitated very minor changes in how the curriculum is presented to students.
We are proposing changes to the prerequisites and classes offered within each specialization.

a. adding the following prerequisite to HLT 200: Introduction to Health Studies (4 cr): at least sophomore standing.
b. adding the following prerequisites to HLT 450: Advanced Health Studies (4 cr): at least junior standing, grade of C or higher in HLT 200, PSY 200 or STA 307.
c. adding HLT 100: Introduction to Public Health and Health Studies (3 cr) as a requirement for all majors [pending class approval].
d. adding PHP 201: Introduction to the U.S. Health Care System (3 cr) as a possible elective for each specialization (health services, health promotion, and global health) (see attachment 1, letter from Dr. Barbour).
e. adding HDF 200: Life Span Development (3 cr) as possible class for the Health Promotion specialization (see attachment 2, email from Dr. McCurdy).
f. adding HDF 440: Environmental Context of Aging (3 cr) as possible class for the Health Promotion specialization (see attachment 3, email from Dr. Leedhal)
g. adding PSC/HDF 405: Policy Issues in Health & Aging (4 cr) to the Health Services specialization (see attachment 4, email from Dr. Leedhal)
h. removing PHP/NUR 143: Sustainable Solutions for Global Hlt Problems (3 cr) from the Global and Environmental Health specialization as it is not offered (see email from Dr. Quilliam). Note: this class is not included on the curriculum sheet.
i. removing NUR/PHP 114: Responsible Health Care (3 cr) from the Global and Environmental Health specialization as it is not offered (see attachment 5, email from Dr. Quilliam). Note: this class is not included on the curriculum sheet.
j. changing the name of HLT 200: Introduction to Interdisciplinary Health Studies to Interdisciplinary Approaches to Health. This change is required due to the proposed addition of HLT 100: Introduction to Public Health and Health Studies (3 cr)
k. removing BPS 201: How Drugs Work. This change is required as the class is infrequently offered. Interested students can take this class as a free elective. Note: this class is written in blue font on curriculum sheet.

Changes for the Bachelor of Arts Degree in Elementary Education: (see Appendix O)

<u>Delete Second Major requirement</u>

Currently Elementary Education majors are required to have a second major. This is not a requirement for accreditation or certification locally or nationally. We will no longer require a second major. We will recommend students pursue additional certifications in Middle Level and ESL teaching. Middle level will require at least 21 credits in a content area taught in middle school (English Language Arts, Mathematics, Science, Social Studies). This may lead to students choosing to complete a second major. ESL has a group of eight courses required for certification, which could be a minor.

<u>Delete required courses taken through general education</u>

In the prior general education program students were required by our major to take COM 100, WRT 104, PSY 113, HIS 141 or 142, and a foreign language in their general education program. We believe that there will be apple opportunity in the new general education program for students to get a breadth of experience necessary to enhance their general knowledge. We will retain PSY 232 or HDF 200 (development), and a lab science as requirements for our program. However, students will be informed that they can choose to take these courses as part of their general education program.

In addition, we will encourage students to take additional courses in English Language Arts, Mathematics, Science, and Social Studies in order to further develop content knowledge necessary for teaching elementary school children.

Add to the requirements of the Elementary Education BA program: MTH 208 (4) Numeracy for Teachers and MTH 209 (4) Numeracy for Teachers II. MTH 208 may be taken as a general education course.
Nationally there is always a concern that Elementary Education teachers entering the profession have sufficient Mathematics expertise upon entering the profession. Our accreditors (ACEI, NCATE, RIDE) and other interested parties look to see that our students are receiving sufficient preparation in Mathematics.
In consultation with the Mathematics department a course was developed focusing on the Mathematics needed by teachers so that they would be able to competently teach Mathematics. MTH 208 Numeracy for Teachers was the course developed. This course was designed by the Mathematics Department to provide an in-depth experience for Elementary Education majors on the Mathematics they are required to teach in grades 1-8. HDF Early Childhood candidates also take the course. MTH 208 has been offered for over 10 years and is part of the current general education program and is being considered for the revised general education program. We have 'highly recommended' but have not required this class of our students at this point. At this time students usually take MTH 208 as part of their general education program. The Mathematics Department, in consultation with Elementary Education, recommended that MTH 208 be split into two courses so that student can get sufficient experience with mathematics concepts. Mathematics 209 was approved in May 2015. The courses are meant to be a two-semester sequence and are to be taken prior to taking EDC 456 Mathematics Methods in Elementary and Middle School Teaching (second semester Junior year).
We expect that approximately 60 Elementary Education candidates will take these classes every year once the cycle is established. Early Childhood candidates may also take these classes. These candidates will be better able to apply appropriate mathematics concepts in their methods class and in their classroom. While this will add 8 credits to the Elementary Education program, with attentive advising, there should be no difficulty for students to complete their degree in 4 years. Many may choose to take 4 of these credits in their general education program.

Changes for the Bachelor of Science and Bachelor of Arts Degrees in Secondary Education: (see Appendix P)
Delete required course taken through general education:
In the prior general education program students in secondary education were required by our major to take PSY 113 General Psychology, COM 100 Communication Fundamentals, and one of the following: WRT 104 Writing to Inform and Explain, WRT 105 (no longer in Catalog) or WRT 106 Introduction to Research Writing). We will no longer be requiring secondary education majors to take specific courses as part of the major or as a requirement for general education.

D. COLLEGE OF PHARMACY:

Creation of Academic Health Collaborative (AHC) Course Code: (see Appendix Q)
Members of the Colleges of Pharmacy, Nursing, and Health Science request the creation of a new course code AHC (Academic Health Collaborative). Faculty in these areas are working to create team taught interdisciplinary courses that cross disciplines and may be used for general education credit. We also hope this will facilitate inter-professional education. Presently, we can cross list courses from different departments but this becomes unwieldy with several departments.

Changes for B.S. Pharmaceutical Sciences (BSPS) and Doctor of Pharmacy (PharmD) programs: (see Appendix R)
Summary: PharmD; no change to degree credits or required courses, change catalog language and curriculum map to reflect the newly approved General Education Program and minor inconsistencies in catalog language. BSPS: Substituting 19 credits of coursework; no change to 120 total credits for degree, changing catalog language and curriculum map to reflect the newly approved General Education Program.

Rationale: **BSPS Changes:**
The BS Pharmaceutical Sciences degree program was approved by the Faculty Senate in March, 2009. Our first recruited freshman class from Fall 2010 graduated in May 2014 (19 graduates). Prior to 2014, we had a total of 12 students complete the degree, all of whom transferred into the upper levels of the program from other degree programs. We had an additional 32 graduates in May 2015. During the full-implementation process of the program we determined a number of modifications to the original approved program were necessary and beneficial and request these changes as described in this Notice of Change.
In the requested revision, nine credits were substituted during the freshman & sophomore curriculum. Notably, the physics requirement (PHY111,185, General Physics I, 4 cr) are being removed as faculty have determined that the content of this first of a two-semester sequence was not essential as a pre-requisite for the upper-level BSPS curriculum. Three of these 4 credits were replaced by including MTH111 Pre-calculus (3 cr) as a specific required course for those not

fulfilling criteria for placement into MTH131Calculus directly from high school. Students placing directly into MTH131 have 3 cr of free electives to replace MTH111. The 4th credit was filled by a new required course, BPS250 (1cr) Professional Development and Careers in Pharmaceutical Science. This course was developed to ensure that students recognize early the multiple career opportunities afforded by the degree ad assist students in developing a sequence of elective courses and/or internships targeted towards their career aspirations within the pharmaceutical field.
The remaining credits changed during freshman and sophomore curriculum simply adjusted for changes made by the host departments in course coding: General Biology I and lab now listed as separate courses, Bl0101(3) and BIO 103 (1); STA308 now listed with 1 additional credit for the recitation now required by the statistics department. In addition, the degree requirements were modified to include language previously approved by faculty senate for the new General Education Program.
In the requested revision, ten-credits of course substitutions were made to the junior and senior curriculum. We removed BPS311 (2), BPS321(2), PHP580 (3) and BPS587 (3) from the major. We added to the major the new courses BPS345 (3), BPS401 (3), BPS402 (3), BPS446 (3) and BPS460 (3). [Note: BPS345x and BPS446x are in the process of conversion to permanent courses. BPS460 is in the process of new course approval.] The new courses were designed specifically for the BSPS program to replace 500-level graduate courses (PHP580, BPS587}, to replace courses in the PharmD curriculum (BPS311, BPS321}, and to further strengthen the curriculum offerings in BSPS.
Lastly, we removed the language for the four named specializations because many of these courses were obsolete and not currently being taught. The specializations were replaced with a two-tiered plan, Required Core Courses in the Major (23 credits) and Additional Courses in the Major (Professional Electives, 24 credits}. To maintain student choice, we added language allowing substitution of up to a maximum of 12 credits of the Professional Electives. List of approved alternative courses will be maintained by the College of Pharmacy Associate Dean for Academic Affairs with consultation of the Chair of BPS Department and BSPS Program Coordinator so that the list can be updated regularly to reflect new and obsolete courses.

PharmD Changes:
The degree requirements were modified to include language previously approved by faculty senate for the new General Education Program. Other minor changes were made for editorial consistency.

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Appendix A

Revised 10-2009

Notice of Change for - Catalog description revision BA and Minor in Music
Date: 1-26-16

A. PROGRAM INFORMATION

1. Name of institution
University of Rhode Island

2. Name of department, division, school or college
Department: MUSIC
College: Arts and Sciences

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

4. Intended location of the program NA

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

David M. Dooley

Current Catalog Description:

Students can be admitted to the B.A. degree program and should contact the Department of Music for specific requirements and to schedule an audition. Transfer credits in music theory, music history, and performance must be validated by placement examination.

Revised Catalog Description:

Students can be admitted to the B.A. degree program only after a successful audition in the principal applied music area and should contact the Department of Music for specific requirements. Transfer credits in music theory, music history, and performance must be validated by placement examination.

Remain as is:

Students can be admitted to the B.M. degree program only after a successful audition in the principal applied music area and should contact the Department of Music for specific requirements. Transfer credits in music theory, music history, and performance must be validated by placement examination.

Addition to Minors in Music:

Students can be admitted to the Minor degree program only after a successful audition in the principal applied music area and should contact the Department of Music for specific requirements. Transfer credits in music theory, music history, and performance must be validated by placement examination.

MUSIC

The Department of Music offers a Bachelor of Arts (B.A.) degree with options in music, music history and literature, and jazz studies, and Bachelor of Music (B.M.) degrees with options in composition, music education, and performance. The department also offers Master of Music (M.M.) degrees in music education or performance (including conducting and composition).

For information on the music minors, see the end of this listing.

Faculty: Professor Parillo, chairperson. Professors Aberdam, Conley, Danis, Kent, Pollart, and Takasawa; Assistant Professor A. Cardany; Lecturers de la Garza, Frazier, and Thomas; Director of Athletic Bands and Lecturer B. Cardany; Guest Artists/Teachers Berney, Buttery, Griffin, Hofbauer, Holt, Kilcline, Langone, Maxon-Carpenter, McEwan, Mitak, Monllos, Mook, Murray, O'Connor, Phillips, Porter, Sanfilippo, Sims, Smith, Thorne, Uricco, Volness, Wood, and Zinno; Professors Emeriti Abusamra, Ceo, Fuchs, Gibbs, Ladewig, Lee, Livingston, and Rankin; Music Resources and Facilities Coordinator Heroux; Concert Manager Rizzuto; Accompanists Carroll and Maxwell; Piano Technician Van Dine; Fiscal Clerk Tremblay; Senior Word Processing Typist Botello.

BACHELOR OF ARTS

Students selecting music as a major have three options: jazz studies, music, or music history and literature.

Students can be admitted to the B.A. degree program and should contact the Department of Music for specific requirements and to schedule an audition. Transfer credits in music theory, music history, and performance must be validated by placement examination.

Jazz Studies. Students selecting this option must complete 43 credits in musicianship and music performance as follows: *Musicianship:* MUS 119 (1) (fulfills URI 101 requirement), 120 (2), 121 (2), 122 (2), 225 (2), 226 (2), 424 (3), 106 (3), 221 (World Music Unit) (1), 222 (3), 322 (Jazz and Popular Music Units) (2), 280 (0), 480 (1). *Music Performance:* A: Six semesters of applied music study in the student's principal area of jazz instrumental performance, (MUS 110W, 210W, and 310W) at 2 credits per semester (12). A successful audition is required prior to study in the principal applied area of jazz instrumental performance. Applied study for the B.A. in music with a jazz option is limited to the following instruments: saxophone, trumpet, trombone, piano, string bass, guitar, and drum set. B: For saxophone, trumpet, and trombone, two semesters of major ensembles MUS 291, 292, 293, 394, 395, and 397. For piano, string bass, guitar, and drum set, two semesters of MUS 396 and 398J in addition to the requirements in section C below (2). C: Two semesters of MUS 391 (2) and three semesters of MUS 396 or 398J (3). At least two of these semesters should be in MUS 396. A successful audition is required prior to participation in jazz ensembles. D: MUS 350 with emphasis on jazz styles (0). E: Seven semesters of MUS 300 (0). *Electives:* 38 credits, of which a minimum of 30 must be in non-music courses. The department recommends that eight credits of electives be taken in music. At least six of these should be in upper-division music courses. Students who are deficient in keyboard skills must take MUS 171 (1) and 172 (1). MUS 171 and 172 may count as two of the recommended music electives.

A minimum of 120 credits is required for graduation. At least 42 of these credits must be in courses at the 300 level or above.

Music. Students selecting this option must complete 36 credits in musicianship and performance as follows: *Musicianship:* MUS 119 (1); 120, 121, 122, 225, 226, 227, 228 (14); 221, 222 (6); 322 or upper-

division music history course (3); 280 (0) and 480 [capstone] (1). Students who are deficient in keyboard skills must take MUS 171 (1). *Performance:* four semesters of the principal applied music area, at two credits per semester (8); three semesters of ensembles appropriate to the principal applied music area, MUS 291, 292, 293, 394, 395, 396, 397, or 398G (3); seven semesters of MUS 300 (0). A successful audition is required prior to study in the principal applied music area. *Electives:* 45 credits, of which a minimum of 30 credits must be in non-music courses. The department strongly recommends that 15 credits of electives be taken in music. At least six of these credits should be in upper-division music courses.

A minimum of 120 credits is required for graduation. At least 42 of these must be at the 300 level or above.

Music History and Literature. Students choosing this option must complete 43 credits in musicianship and performance, as follows: *Musicianship:* MUS 119 (1); 120, 121, 122, 225, 226, 227, 228 (14); 221, 222, 322 (9); three upper-division music history courses (9); 280 (0) and 480 [capstone] (1). Students who are deficient in keyboard skills must take MUS 171 (1). *Performance:* four semesters of the principal applied music area, at two credits for two semesters and one credit for two semesters (6); three semesters of major ensembles appropriate to the principal applied music area MUS 291, 292, 293, 394, 395, 396, 397, or 398G (3); seven semesters of MUS 300 (0). A successful audition is required prior to study in the principal applied music area. *Electives:* 38 credits, of which a minimum of 30 must be in non-music courses. The department strongly recommends that eight credits of electives be taken in music. At least six of these credits should be in upper-division music courses. *Other:* nine credits of foreign language and proficiency through 103.

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

BACHELOR OF MUSIC

Students selecting the Bachelor of Music degree program have three options: music composition, music education, or music performance.

Students can be admitted to the B.M. degree program only after a successful audition in the principal applied music area and should contact the Department of Music for specific requirements. Transfer credits in music theory, music history, and performance must be validated by placement examination.

All Bachelor of Music students must successfully complete Option I or Option II of the piano proficiency requirement. In Option I, students must pass all seven piano proficiencies by the end of their junior year. Piano proficiency examinations before the faculty examination committee are scheduled on a regular basis during the fall and spring semesters. In Option II students take MUS 171, 172, 271, and 272 and successfully pass each course with a grade no lower than a C. Failure to pass either option will require re-examination in succeeding semesters. The B.M. degree will not be granted until this requirement is fulfilled.

Students selecting Option I will need to demonstrate the following seven piano proficiencies by the end of their junior year: 1) *Five-finger patterns,* playing a vocal warm-up sequence, hands together; 2) *scales,* playing two-octave major scales up to three sharps and flats, and one-octave minor scales in all three forms up to three sharps and flats, hands together, by memory at a tempo of M.M.=144 per note; 3) *transposition,* transposing at sight two melodies selected by the examination committee, students will be asked to transpose the melodies up or down by either a half step or whole step; 4) *harmonization,* reading two melodies taken from any major or minor key chosen by the examination committee, improvising suitable accompaniments for the melodies by using diatonic triads and secondary dominants, and reading from chord symbols; 5) *patriotic songs,* playing *America* and *The Star-Spangled Banner* in a manner

of major ensembles MUS 292, 293, 394, 395, or 397 (4). Six semesters of piano accompanying (MUS 371) or playing piano in chamber music ensembles (MUS 398) (6). MUS 420 (3). An upper-division music history course (3). Six credits of electives, at least three of which should be in upper-division music courses.

Voice: eight semesters of the principal applied music area. Two semesters of MUS 110A at two credits in the first semester and three credits in the second (5); two semesters of MUS 210A at three credits each (6); two semesters of 310A and 410A at four credits each (16). MUS 171, 172, 271, and 272 (4). Eight semesters of major ensembles MUS 293 or 395 at zero or one credit per semester (7). Two semesters of chamber or other music ensembles (2). MUS 283 (3). Four credits of electives, at least three of which should be in upper-division music courses.

Students selecting voice must also take nine credits of foreign language in two or more languages. This requirement may be modified or satisfied by advanced placement.

Minors in Music ? TO ADD

Jazz Studies. Students who wish to declare a minor in music using the jazz studies option must complete 19 credits in musicianship, performance, and electives as follows: Musicianship: MUS 106 (3), 120 (2), 121 (2), 122 (2), 171 (1), 221 (World Music Unit) (1), 322 (Jazz and Popular Music Units) (2), and MUS 300 for a minimum of two semesters (0). Music Performance: a minimum of four credits in the principal applied music area (MUS 110W, 210W, at one or two credits per semester) (4), and two semesters of MUS 391, 396, or 398J (2). Applied study in MUS 110W and 210W for the minor in jazz option is limited to the following instruments: saxophone, trumpet, trombone, piano, bass, guitar, and drum set. *Electives:* The department strongly suggests that 3 credits be taken in MUS 101. Participation in other major ensembles is also encouraged. Major ensembles include MUS 291, 292, 293, 394, 395, 397, and 398G, pending audition. A successful audition is required prior to study in the principal applied music area and prior to participation in ensembles.

Music. This option gives students a broad-based background in music. Course work in this option is similar to that taken by students starting work toward a B.A. or B.M. degree in music. Students who wish to declare a minor in music using the music minor option must earn credit for MUS 111 (3) or 120 (2); 171 (1), 121 and 122 (4), 300 for a minimum of two semesters (0), and two 3-credit music history and literature courses selected from MUS 221, 322, 408, 430, 431, 433, 434 (or 222, if the student has the additional pre-requisites) (6). Additionally, students must earn a minimum of four credits in their principal applied music area (MUS 110-410, at one or two credits per semester) and four credits in major ensembles* appropriate to the principal applied music area (8). The minimum number of credits required for this option is 21-22. Students must pass an audition in their principal applied music area prior to registration for applied study in voice or on an instrument.

Music Performance. This option gives students the opportunity for a more concentrated study in voice or on an instrument. Students who wish to declare a minor in music using the music performance minor option must earn credit for MUS 111 (3) or 120 (2); MUS 121 and 122 or a music history course selected from MUS 101, 106, 221, 322, 408, 430, 431, 433, 434 (3-4); MUS 300 for a minimum of two semesters (0). Additionally, students must earn a minimum of eight credits in their principal applied music area (MUS 110-410 at one or two credits per semester) and six credits in major ensembles* appropriate to the principal applied music area (14). The minimum number of credits required for this option is 19-21. Students must pass an audition in their principal applied music area prior to registration for applied study in voice or on an instrument.

Music Voice Performance for Theatre Majors. The purpose of this option is to give students who are theatre majors the opportunity for more concentrated and focused study in voice and other areas of music. Theatre students who wish to declare this minor must earn credit for MUS 111 (3) or 120 (2) and 121 (2); a

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Appendix E

Revised 10-2009

Notice of Change for BA in Sociology
Date:

A. PROGRAM INFORMATION

1. Name of institution
University of Rhode Island

2. Name of department, division, school or college
Department: SOCIOLOGY and ANTHROPOLOGY
College: ARTS & SCIENCES

3. Intended initiation date of program change. Include anticipated date for granting first degrees or certificates, if appropriate.
Initiation date: FALL 2016 OR SPRING 2017
First degree date: MAY 2020

4. Intended location of the program CHAFEE SOCIAL SCIENCE CENTER

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

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

6. Signature of the President

_____
David M. Dooley

Notice of change for Sociology Major (BA)

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

Changes:

- adding a statistics requirement to the major
- changing the major requirement from two (2) to one (1) inequality course
- deleting courses that no longer are taught
- changing course numbering and level: SOC 301 becomes 440; SOC 401 becomes SOC 395

Add a quantitative methods requirement to the Sociology B.A. degree curriculum. This requirement can be fulfilled by taking a new course, SOC 460: Quantitative Methods in Sociology, or taking a similar course in another department. Possible options are STA 220, STA 308, STA 409, PSY 200 (Psychology double majors only), or PSC 310 (Political Science double majors only).

Currently students are required to take 1 methods course - SOC 301: Sociological Research, which is an overview of research methods used by social scientists. The purpose of adding a quantitative methods requirement is that statistics and data analysis skills are tangible and marketable skills that students can acquire when earning a sociology degree. Research skills are an important component of sociology as a 21st century major, and requiring two methods courses gives further opportunities to develop analytical skills that prepare them for meaningful careers and graduate studies. Greater understanding of statistics makes them better informed consumers of quantitative data (which is increasingly important in our data-driven world), and better prepares them to analyze that data. In addition, adding this course would strengthen our learning outcome: *Students can demonstrate the ability to interpret, locate, evaluate, generate and use sociologically relevant data to test hypotheses and draw evidence-based conclusions.* Furthermore, adding a statistics course was recommended by our external academic program review, conducted by Dr. Elizabeth J. Clifford of Towson University, in fall 2014.

This would mean that students are required to take 2 methods course for the degree. The first would be the existing course, SOC 301: Sociological Research, and the second would be a quantitative methods course offered through our department (SOC 460) or the statistics department.

Remove one of the two required social inequality courses to the Sociology B.A. curriculum. Currently, students must take two designated SOC inequality courses (240, 242, 336, 413, 428, and 452). However, faculty are in agreement that students are able to gain considerable knowledge of social inequalities in a number of sociology courses that are not designated as social inequality courses, such as Introduction to Sociology (SOC 100). Students also learn about social inequalities in their elective courses in Sociology and other departments. Therefore, we propose to require only one social inequality course for the B.A.

Delete courses that are no longer taught. This includes: SOC 214, 322, 326, 408, 444, SOC/PSC 505, SOC/EEC/MAF/PSC 595, SOC/PSY 610. (See attached list with rationale)

Change course numbers and levels.
We are proposing to change the numbering of two required SOC courses, SOC 301 *Sociological Research Methods*, and SOC 401 *History of Sociological Thought.*

Rationale: In order to understand and practice theoretically-based research methods, students need to have a background in theory before taking methods. We see empirically that students who have taken SOC 401 (Theory) before taking 301 (Methods) tend to do better in 301.

Now, the numbering of methods (301) and theory (401) communicates just the opposite order to students. Changing the levels of these two required courses makes it more clear to students that they should take theory first. We also think that creating entirely new numbers, rather than switching 301 and 401, will eliminate confusion for our current students. Thus, we are proposing that Theory (presently 401) becomes "395" and Methods (presently 301) becomes "440."

The new Sociology B.A. Curriculum requirements will be as follows:

REQUIRED COURSES
- SOC 100: General Sociology
- SOC 395: History of Sociological Thought
- SOC 440: Sociological Research Methods
- SOC 460: Quantitative Methods in Sociology
    - STA 220, STA 308, STA 409, PSY 200 (Psychology double majors only), or PSC 310 (Political Science double majors only) may be substituted.
- SOC 495: Senior Seminar in Sociology

ELECTIVE COURSES
Students must take 15 credits of electives (5 courses). This must include
- 6 credits of upper division courses (300+)
- 1 designated inequality course (SOC 240, 242, 336, 410, 413, 428, 452)

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

Current Catalog Description

Sociology

The Department of Sociology and Anthropology offers the Bachelor of Arts (B.A.) degree and the Bachelor of Science (B.S.) degree in sociology.

BACHELOR OF ARTS
Students selecting this curriculum must complete a minimum of 30 credits (maximum 45) in sociology, including SOC 100, 301, 401, 495 [capstone], and two courses selected from SOC 240, 242, 336, 413, 428, and 452. At least 18 of the 30 credits must be at the 300 level or above. No more than six credits in independent study and/or field experience courses may be used toward the 30 credits required for the major. SOC 495 is to be taken during the senior year. (See the description of the anthropology major.) A total of 120 credits is required for graduation. At least 42 of these must be in courses numbered 300 or above. In order to transfer into the sociology B.A. program from University College for Academic Success, a student must have completed at least 24 credits and have earned a minimum of a 2.00 GPA.

Proposed Catalog Description

BACHELOR OF ARTS
Students selecting this curriculum must complete a minimum of 30 credits (maximum 45) in sociology, including SOC 100, 395, 440, 460 (proposed), 495 [capstone]. SOC 460 may be substituted with another approved statistics course (STA 220, STA 308, STA 409, PSY 200 [Psychology double majors only], or PSC 310 [Political Science double majors only]). The remaining 15 credits (5 courses) of elective SOC courses need to include a minimum of 6 credits (2 courses) of upper division (300+) courses. One of these elective courses must be a designated inequality course in the sociology department (SOC 240, 242, 336, 413, 428, 452). An upper-level inequality course can also count towards the upper-level course requirement. Note that if a non-sociology course is used to fulfill the quantitative methods requirement, students will need an additional sociology elective to reach 30 credits. No more than six credits in independent study (SOC 498 and SOC 499) and/or field experience courses (SOC 497) may be used toward the 30 credits required for the major. SOC 495 (capstone) is to be taken during the senior year. Of the minimum 30 credits needed in the major, a minimum of 18 credits need to be at the 300 level or above.

A total of 120 credits is required for graduation. At least 42 of these credits must be taken in courses at the 300-level or above. In order to transfer into the sociology B.A. program from University College for Academic Success, a student must have completed at least 24 credits and have earned a minimum of a 2.00 GPA.

Proposed Deleted Courses

We would like to delete the following courses from the SOC curriculum and URI Catalog:

SOC 214—Urban Sociology
SOC 322—The Arts and Social Order
SOC 326—Madness and Society
SOC 408—Individual Life and Social Order
SOC 444—Sociology of Religion
SOC/PSC 505—Public Program Evaluation
SOC/EEC 595—Environment and Development Economics (also MAF, PSC)

SOC/PSY 610—Parsimony Methods (also STA cross-listed, and in PSY catalog courses, SOC isn't included. STA doesn't list this course in the catalog, so maybe it's a typo in the PSY listing)

For each course listed above, the deletion rationale is the same: instructors who taught these courses are no longer on the faculty. The department no longer includes the expertise needed for these courses.

Letters of support from relevant departments for deleting the SOC designation from cross-listed courses are attached.

THE
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OF RHODE ISLAND

Helen Mederer <hmederer@uri.edu>

PSY/SOC 610

Helen Mederer <hmederer@uri.edu> Wed, Oct 28, 2015 at 6:06 PM
To: ugpsych@aol.com

Hi Su,
We are in the process of cleaning up and revising our SOC curriculum, and one of the courses in our course listing is PSY/SOC 610, Parsimony Methods. Here's the catalog listing in SOC:

SOC 610 Parsimony Methods (3 crs.)
Cross-listed as (PSY), STA 610. Multivariate
procedures designed to reduce the dimensionality
and help in the interpretation of
complex data sets. Methods include principal
components analysis, common factor analysis,
and image analysis. Related methods:
cluster analysis and multidimensional scaling.
Applications involve the use of existing
computer programs. (Lec. 3) Pre: PSY 533 or
STA 541 or equivalent. In alternate years.

I don't know the history of this course, or why it's included in our catalog lit of courses. As you can see, in our catalog listing, it's also listed as STA, but it's not listed in the STA catalog courses.

Here's PSY's course description of 610:

PSY 610 Parsimony Methods (3 crs.)
Cross-listed as (PSY), STA 610. Multivariate
procedures designed to reduce the dimensionality
and help in the interpretation of
complex data sets. Methods include principal
components analysis, common factor analysis,
and image analysis. Related methods:
cluster analysis and multidimensional scaling.
Applications involve the use of existing
computer programs. (Lec. 3) Pre: PSY 533 or
STA 541 or equivalent. In alternate years.

And as you can see, PSY doesn't cross-list this course with SOC. And 610 doesn't appear in the STA catalog courses.

Confusing, right? So, if it's ok with your department, can we delete this course from our course listing? You also might want to check with STA to see if they think 610 is cross-listed with PSY.

This all may be a mistake from long ago--maybe the course never was cross-listed with SOC, but a typo was made. This is just a guess on my part.

If you want to talk about this, my phone number is 4-4144.

Thanks, Su.

Best wishes,
Helen

--
Helen Mederer
Professor of Sociology and Labor Research
Schmidt Labor Research Center
36 Upper College Road
University of Rhode Island
Kingston, RI 02881

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OF RHODE ISLAND

Helen Mederer <hmederer@uri.edu>

PSY/SOC 610

S <ugpsych@aol.com> Fri, Oct 30, 2015 at 1:43 PM
To: Helen Mederer <hmederer@uri.edu>

All indicators suggest that this course should be dropped from the sociology course list. Good luck with your clean-up! su

Sent from my iPad

> On Oct 28, 2015, at 6:06 PM, Helen Mederer <hmederer@uri.edu> wrote:
>
[Quoted text hidden]

bkrueger@uri.edu

Mail

Move to Inbox | More

COMPOSE

Inbox
Starred
Sent Mail
Drafts
CUWFA paid parental...
Notes
SOC 100
TCI
Top Hat/SOC 100
Tufts
Women's Policy Instit...
More

PSC/SOC 515 and SOC/EEC/MAF/PSC 595

Inbox x

Helen Mederer <hmederer@uri.edu> 10/28/15

to Brian

Hi Brian,
We are in the process of curriculum revision and cleaning up our catalog listing of courses. The above courses appear in the SOC listing, and I'm writing to get your support to delete the SOC cross-listing from these two courses.

The rationale is that our students have not taken these courses in many years, and we think they are an artifact from a time long ago when SOC had a MA program.

If you support this curriculum change, can you please respond to this email for the record?

If you'd like to discuss these changes, my number is 4-4144.

Thanks, Brian.

Best wishes,
Helen

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Helen Mederer <hmederer@uri.edu>

PSC/MAF/PSC/SOC 595

Helen Mederer <hmederer@uri.edu> Fri, Oct 30, 2015 at 4:57 PM
To: rob@uri.edu, James Opaluch <jimopaluch@uri.edu>

Hi Rob and Jim,
The SOC department is in the process of cleaning up our curriculum, and I'm writing to ask you if you have any objections to dropping the SOC cross-listing from 595. We have not been involved in this course for many years.

If you agree, can you please respond to this email indicating your support of this change?

Thanks very much,
Helen

--
Helen Mederer
Professor of Sociology and Labor Research
Schmidt Labor Research Center
36 Upper College Road
University of Rhode Island
Kingston, RI 02881

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Helen Mederer <hmederer@uri.edu>

PSC/MAF/PSC/SOC 595

James Opaluch <jimopaluch@uri.edu> Fri, Oct 30, 2015 at 5:11 PM
To: Helen Mederer <hmederer@uri.edu>

I have not objections. To tell you the truth, I didn't remember that SOC was cross listed.

I'll send a more formal email of support.

Jim

--
==========
Dr. James J. Opaluch, Professor & Department Chair
Environmental & Resource Econ
207 Kingston Coastal Institute Bldg
University of Rhode Island
Kingston, RI 02881
HTTP://WWW.URI.Edu/cels/enre/
Phone: (401)874-4590
Fax: (401)782-4766
e-mail: JimOpaluch@URI.Edu
==========

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Helen Mederer <hmederer@uri.edu>

PSC/MAF/PSC/SOC 595

James Opaluch <jimopaluch@uri.edu> Fri, Oct 30, 2015 at 5:16 PM
To: Helen Mederer <hmederer@uri.edu>

Helen,

As Department Chair of Environmental and Natural Resource Economics, I convey that ENRE supports Sociology's request to drop their cross listing in EEC 595.

Jim

--

==========
Dr. James J. Opaluch, Professor & Department Chair
Environmental & Resource Econ
207 Kingston Coastal Institute Bldg
University of Rhode Island
Kingston, RI 02881
HTTP://WWW.URI.Edu/cels/enre/
Phone: (401)874-4590
Fax: (401)782-4766
e-mail: JimOpaluch@URI.Edu
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Helen Mederer <hmederer@uri.edu>

PSC/MAF/PSC/SOC 595

Robert Thompson <rob@uri.edu> Sat, Oct 31, 2015 at 8:24 AM
To: Helen Mederer <hmederer@uri.edu>

Hi Helen:

This is really ENRE's course, so I'm perfectly fine with the change particularly if Jim is.

Best,

Rob

Robert Thompson, J.D., Ph.D.
Department of Marine Affairs, Chair
Kingston Coastal Institute, Rm 206
1 Greenhouse Road
University of Rhode Island
Kingston, RI 02881

401.874.4485
rob@mail.uri.edu

[Quoted text hidden]

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Helen Mederer <hmederer@uri.edu>

PSC/SOC 515 and SOC/EEC/MAF/PSC 595

Helen Mederer <hmederer@uri.edu> Wed, Oct 28, 2015 at 6:12 PM
To: Brian Krueger <bkrueger@uri.edu>

Hi Brian,
We are in the process of curriculum revision and cleaning up our catalog listing of courses. The above courses appear in the SOC listing, and I'm writing to get your support to delete the SOC cross-listing from these two courses.

The rationale is that our students have not taken these courses in many years, and we think they are an artifact from a time long ago when SOC had a MA program.

If you support this curriculum change, can you please respond to this email for the record?

If you'd like to discuss these changes, my number is 4-4144.

Thanks, Brian.

Best wishes,
Helen

--
Helen Mederer
Professor of Sociology and Labor Research
Schmidt Labor Research Center
36 Upper College Road
University of Rhode Island
Kingston, RI 02881

THE
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OF RHODE ISLAND
Notice of Change RIBGHE

Appendix F

Revised 10-2009

Notice of Change for Arabic Minor
Date: 3/14/2016

A. PROGRAM INFORMATION

1. Name of institution
University of Rhode Island

2. Name of department, division, school or college
Department: Languages
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: N/A

4. Intended location of the program
Kingston

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

We request to add RLS/PSC 221 Islam and Its Civilization as a course students may choose in fulfillment of requirement for the minor in Arabic Language and Culture. This new course is a perfect fit for the minor.

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

Existing Catalog Language:

Students taking the Arabic Language and Culture minor must complete 18 credits in Arabic Language or Arabo-Islamic culture. Students must take 12 credits at the 200 level or above (ARB 211, 212, 311, 312, 325, 497; PSC 312, 482; HIS 376, 379), of which at least 8 credits must be Arabic classes. The remaining credits may be from 100 level or higher classes in Arabic language (ARB 111, 112) or Arabo-Islamic culture (HIS 176, 178; HPR 107). Students must earn a minimum of 18 credits in these courses for the minor. For any course which is a topics course, the students must have advisor approval for that course to count toward the minor.

Proposed New Catalog Language

Students taking the Arabic Language and Culture minor must complete 18 credits in Arabic Language or Arabo-Islamic culture. Students must take 12 credits at the 200 level or above (ARB 211, 212, 311, 312, 325, 497; PSC 312, 482; HIS 376, 379, **RLS/PSC 221**), of which at least 8 credits must be Arabic classes. The remaining credits may be from 100 level or higher classes in Arabic language (ARB 111, 112) or Arabo-Islamic culture (HIS 176, 178; HPR 107). Students must earn a minimum of 18 credits in these courses for the minor. For any course which is a topics course, the students must have advisor approval for that course to count toward the minor.

6. Signature of the President

_____

David M. Dooley

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Joanne Lawrence <jlawrence@uri.edu>

Arabic Minor Notice of Change

8 messages

Joanne Lawrence <jlawrence@uri.edu> Tue, Apr 19, 2016 at 1:49 PM
To: Norbert Hedderich <hedderich@uri.edu>
Cc: Nancy Neff <nneff@uri.edu>, Mary Michelini <mary_bradizza@uri.edu>, Michael Honhart <mhonhart@uri.edu>, Nancy Eaton <neaton@uri.edu>

Dear Norbert: Yesterday Arts and Sciences forwarded me the Notice of Change to add RLS/PSC 221, Islam and Its Civilization to the Arabic minor. However, I see no acknowledgement from the departments that they approve of this course being used for the minor.

Can you please contact the chairs for their input. An email is fine. If I could get that as quickly as possible, I would appreciate it. I will still send this Notice of Change forth to the CAC for the April 25th meeting, however, they may hold it up until we receive that information.

Please let me know if you have any questions. Thank you,

Joanne

Joanne Lawrence
Specialist, Faculty Senate Office
301 Green Hall
401-874-2616

Mary Michelini <mary_bradizza@uri.edu> Tue, Apr 19, 2016 at 1:58 PM
To: Joanne Lawrence <jlawrence@uri.edu>
Cc: Norbert Hedderich <hedderich@uri.edu>, Nancy Neff <nneff@uri.edu>, Michael Honhart <mhonhart@uri.edu>, Nancy Eaton <neaton@uri.edu>

Joanne,

Let me know if I can run down any missing pieces for you.

Mary
[Quoted text hidden]
--
Mary Michelini
Assistant to Associate Deans Dr. Patricia Morokoff and Dr. Nancy Eaton
Office of the Dean / College of Arts & Sciences
Room 257, Chafee Social Science Center
10 Chafee Road
University of Rhode Island
Kingston, RI 02881

t. 401-874-4104
f. 401-874-2892

Joanne Lawrence <jlawrence@uri.edu> Tue, Apr 19, 2016 at 2:03 PM
To: Mary Michelini <mary_bradizza@uri.edu>
Cc: Norbert Hedderich <hedderich@uri.edu>, Nancy Neff <nneff@uri.edu>, Michael Honhart <mhonhart@uri.edu>, Nancy Eaton <neaton@uri.edu>

Hi Mary: If you have that piece, you can forward it to me.

Joanne Lawrence
Specialist, Faculty Senate Office
301 Green Hall
401-874-2616

[Quoted text hidden]

Mary Michelini <mary_bradizza@uri.edu> Tue, Apr 19, 2016 at 2:19 PM
To: Joanne Lawrence <jlawrence@uri.edu>
Cc: Norbert Hedderich <hedderich@uri.edu>, Nancy Neff <nneff@uri.edu>, Michael Honhart <mhonhart@uri.edu>, Nancy Eaton <neaton@uri.edu>

I do not have this piece, unfortunately.
[Quoted text hidden]

Norbert Hedderich <hedderich@uri.edu> Wed, Apr 20, 2016 at 8:52 AM
To: Susan Brady <sbrady@uri.edu>, Brian Krueger <bkrueger@uri.edu>
Bcc: jlawrence@uri.edu

Hi Susan and Brian,

Please send a brief email to Joanne Lawrence, indicating that you approve RLS/PSC 221 counting for the Arabic minor.

Thanks,
Norbert

[Quoted text hidden]
--
Norbert Hedderich, Ph.D.
Professor and Chair, Modern and Classical Languages and Literatures
University of Rhode Island, 112 Swan Hall
Kingston, RI 02881
Tel. 401-874-4710

Brian Krueger <bkrueger@uri.edu> Wed, Apr 20, 2016 at 9:52 AM
To: Norbert Hedderich <hedderich@uri.edu>, jlawrence@uri.edu
Cc: Susan Brady <sbrady@uri.edu>

Political Science supports inclusion of PSC 221 in the Arabic minor.

Brian

Brian S. Krueger
Professor & Chair
Department of Political Science
University of Rhode Island
203 Washburn Hall
Kingston, RI, 02881

Email: bkrueger@uri.edu (preferred contact method)
Web: http://www.uri.edu/artsci/psc/krueger.html
Office Phone: 401 874 4058
[Quoted text hidden]

Susan Brady <sbrady@uri.edu> Wed, Apr 20, 2016 at 7:10 PM
To: Brian Krueger <bkrueger@uri.edu>
Cc: Norbert Hedderich <hedderich@uri.edu>, jlawrence@uri.edu

Hi Joanne, Philosophy is pleased to support the inclusion of RLS/PSC 221 in the Arabic minor.

Susan
[Quoted text hidden]

Joanne Lawrence <jlawrence@uri.edu> Thu, Apr 21, 2016 at 8:57 AM
To: Susan Brady <sbrady@uri.edu>
Cc: Brian Krueger <bkrueger@uri.edu>, Norbert Hedderich <hedderich@uri.edu>

Thank you all!

Joanne

Joanne Lawrence
Specialist, Faculty Senate Office
301 Green Hall
401-874-2616

[Quoted text hidden]

THE
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OF RHODE ISLAND
Notice of Change RIBGHE

APPENDIX G

Revised 10-2009

Notice of Change for B.A. German
Date: 3/14/2016

A. PROGRAM INFORMATION

1. Name of institution
University of Rhode Island

2. Name of department, division, school or college
Department: Languages
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
Kingston

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

We propose to remove GER 112 from the list of courses that do not count for the major.

Rationale: In addition to the existing GER 101 – 104 sequence (3 credit courses), we recently introduced a sequence of 4 credit, intensive-track courses, GER 111, 112, 113, 114). The four-credit courses progress at a faster pace. Under existing rules, after three semesters a student in the intensive-track would have completed 12 credits, but 8 of them would not count for the major. Students clearly cover material in GER 112 needed for the major. Also, this change will align the GER 4-credit sequence with the other language in the department, Chinese, which has developed a 4 credit sequence. Counting CHN 112 for the CHN major was approved last year.

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

Existing Catalog Language:

Students selecting this major complete at least 30 credits (maximum 45) in German, not including GER 101, 102, 111, **and 112.** Students must complete six credits in literature, at least three of which must be taken at the 400 level, and must complete one additional 400-level German course. Students in the International Engineering Program must complete GER 411.

Proposed Catalog Language:

Students selecting this major complete at least 30 credits (maximum 45) in German, not including GER 101, 102, and 111. Students must complete six credits in literature, at least three of which must be taken at the 400 level, and must complete one additional 400-level German course. Students in the International Engineering Program must complete GER 411.

6. Signature of the President

_____

David M. Dooley

THE
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Notice of Change RIBGHE

Appendix I

Revised 10-2009

Notice of Change for requirements for the BS in Chemical Engineering
Date: 4-11-2016

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: Fall Semester 2016
First degree date: 2020

4. Intended location of the program: URI Kingston

5. Summary description of proposed program (not to exceed 2 pages).
The Chemical Engineering program would like to be consistent with the COE and allow students to take the two courses in "Entrepreneurship", EGR 325 and 326 as Professional Electives. At present we do not allow electives from the COE under 400 level. This will also move us forward toward leading schools such as Stanford which promote entrepreneurship in their undergraduate students.

If applicable, please include the existing URI catalog language and proposed catalog language changes that relate to your request.
Current Language:
Professional Elective Requirements: Half of the professional electives are to be 400-level or higher CHE courses taken at URI. The remaining courses are to be 300-level or higher in natural science, or 400-level or higher in engineering (BME, CHE, CPE, CVE, ELE, ISE, MCE, OCE), or 400-level or higher in MTH. ***All professional electives require prior prior approval by CHE advisor.***

Proposed Language:
Professional Elective Requirements: Half of the professional electives are to be 400-level or higher CHE courses taken at URI. In addition EGR 325 and EGR 326 are permissible approved professional electives. The remaining courses are to be 300-level or higher in natural science, or 400-level or higher in engineering (BME, CHE, CPE, CVE, ELE, ISE, MCE, OCE), or 400-

level or higher in MTH. ***All professional electives require prior prior approval by CHE advisor.***

6. Signature of the President

_____

David M. Dooley

CHEMICAL ENGINEERING - Class of 2019

Total Credits = 120

Freshman Year *Fall* Semester

Course Code	Description	Cr	
CHM 101	General Chemistry I Lec [GE-N]	3	
CHM 102	General Chemistry I Lab	1	
EGR 105	Foundations of Engineering I	1	
MTH 141	Intro Calculus w/Analytic Geom [GE-MQ]	4	
PHY 203	Elementary Physics I Lec [GE-N]	3	
PHY 273	Elementary Physics I Lab [GE-N]	1	
		13	

Freshman Year *Spring* Semester

Course Code	Description	Cr	
CHM 112	General Chemistry II Lec [GE-N]	3	
CHM 114	General Chemistry II Lab	1	
ECN 201	Principles of Microeconomics [GE-S]	3	
EGR 106	Foundations of Engineering II	2	
MTH 142	Intermed Calc with Analytic Geom [GE-MQ]	4	
PHY 204	Elementary Physics II [GE-N]	3	
PHY 274	Elementary Physics II Lab [GE-N]	1	
		17	

Sophomore Year *Fall* Semester

Course Code	Description	Cr	
CHE 212	Chemical Process Calculations	3	
CHM 227	Organic Chemistry Lec I	3	
MTH 243	Calculus for Functions of Several Vars	3	
	General Education Elective*	3	
		12	

Sophomore Year *Spring* Semester

Course Code	Description	Cr	
CHE 232	Materials Science and Engineering	3	
CHE 272	Intro to Chemical Engineering Calculations	3	
CHE 313	Chemical Engineering Thermodynamics I	3	
CHM 228 *or* BCH 311	Organic Chemistry Lec II or Introductory Biochemistry	3	
MTH 244	Differential Equations	3	
		15	

Junior Year *Fall* Semester

Course Code	Description	Cr	
CHE 314	Chemical Engineering Thermodynamics II	3	
CHE 347	Transfer Operations I	3	
CHM 335	Physical Chemistry Lab	2	
CHM 431	Physical Chemistry I	3	
	Approved Mathematics Elective**	3	
	General Education Elective*	3	
		17	

Junior Year *Spring* Semester

Course Code	Description	Cr	
CHE 348	Transfer Operations II	3	
CHE 364	Chemical Kinetics and Reactor Design	3	
CHM 432***	Physical Chemistry II	3	
	General Education Elective*	3	
	General Education Elective*	3	
		15	

Senior Year *Fall* Semester

Course Code	Description	Cr	
CHE 345	Chemical Engineering Lab I	2	
CHE 349	Transfer Operations III	2	
CHE 351	Plant Design and Economics I	3	
CHE 425	Process Dynamics and Control	3	
CHE 428	Professional Experience	1	
	Approved Professional Elective****	3	
	General Education Elective*	3	
		17	

Senior Year *Spring* Semester

Course Code	Description	Cr	
CHE 346	Chemical Engineering Lab II	2	
CHE 352	Plant Design and Economics II	3	
	Approved Professional Elective****	3	
	Approved Professional Elective****	3	
	Approved Professional Elective****	3	
		14	

* **Note:** Refer to ***specific*** Chemical Engineering General Education ***course requirements (see 2019 CHE Check Sheet).***

** **Mathematics Elective:** MTH 215 or any 300-, 400-, or 500-level MTH course ***except*** MTH 381.

*** Or approved Professional Elective ***(see **** below).***

**** **Professional Electives:** Half of the Professional Electives are to be 400-level or higher CHE courses taken at URI. The remaining courses are to be 300-level or higher in natural sciences, or 400-level or higher in engineering (BME, CHE, CPE, CVE, ELE, ISE, MCE, OCE), or 400-level or higher in MTH. ***All professional electives require prior approval by CHE advisor.***

CHEMICAL ENGINEERING - Class of 2020 (DRAFT)

Total Credits = 120

Freshman Year *Fall* Semester

Course Code	Description	Cr	
CHM 101	General Chemistry Lec I (A1)	3	
CHM 102	General Chemistry I Lab	1	
EGR 105	Foundations of Engineering I (A4)	1	
MTH 141	Intro Calculus with Analytic Geom (A1, B3)	4	
PHY 203	Elementary Physics I (A1)	3	
PHY 273	Elementary Physics Lab I (A1)	1	
		13	

Freshman Year *Spring* Semester

Course Code	Description	Cr	
CHM 112	General Chemistry II Lec	3	
CHM 114	General Chemistry II Lab	1	
ECN 201	Principles of Microeconomics (A2)	3	
EGR 106	Foundations of Engineering II (A4)	2	
MTH 142	Intermed Calc with Analytic Geom (B3)	4	
PHY 204	Elementary Physics II (A1)	3	
PHY 274	Elementary Physics Lab II (A1)	1	
		17	

Sophomore Year *Fall* Semester

Course Code	Description	Cr	
CHE 212	Chemical Process Calculations	3	
CHM 227	Organic Chemistry Lec I	3	
MTH 243	Calculus for Functions of Several Vars (A1, B3)	3	
	General Education Outcome*	3	
		12	

Sophomore Year *Spring* Semester

Course Code	Description	Cr	
CHE 232	Materials Science and Engineering	3	
CHE 272	Intro to Chemical Engineering Calculations	3	
CHE 313	Chemical Engineering Thermodynamics I	3	
CHM 228 *or* BCH 311	Organic Chemistry Lec II or Introductory Biochemistry	3	
MTH 244	Differential Equations	3	
		15	

Junior Year *Fall* Semester

Course Code	Description	Cr	
CHE 314	Chemical Engineering Thermodynamics II	3	
CHE 347	Transfer Operations I	3	
CHM 335	Physical Chemistry Lab	2	
CHM 431	Physical Chemistry I	3	
	Approved Mathematics Elective**	3	
	General Education Outcome*	3	
		17	

Junior Year *Spring* Semester

Course Code	Description	Cr	
CHE 348	Transfer Operations II	3	
CHE 364	Chemical Kinetics and Reactor Design	3	
CHM 432***	Physical Chemistry II	3	
	General Education Outcome*	3	
	General Education Outcome*	3	
		15	

Senior Year *Fall* Semester

Course Code	Description	Cr	
CHE 345	Chemical Engineering Lab I	2	
CHE 349	Transfer Operations III	2	
CHE 351	Plant Design and Economics I	3	
CHE 425	Process Dynamics and Control	3	
CHE 428	Professional Experience	1	
	Approved Professional Elective****	3	
	General Education Outcome*	3	
		17	

Senior Year *Spring* Semester

Course Code	Description	Cr	
CHE 346	Chemical Engineering Lab II	2	
CHE 352	Plant Design and Economics II	3	
	Approved Professional Elective****	3	
	Approved Professional Elective****	3	
	Approved Professional Elective****	3	
		14	

* **General Education Outcomes:** If all Outcomes are satisfied in fewer spaces than provided, you must take a course of your choice (Free Elective) to fill each remaining space. See the "General Education Outcomes" section at the bottom of page two (2) for details on satisfying these requirements.

** **Mathematics Elective:** MTH 215 or any 300-, 400-, or 500-level MTH course *except* MTH 381.

*** Or approved **Professional Elective** *(see **** below)*.

**** **Professional Electives:** Half of the Professional Electives are to be 400-level or higher CHE courses taken at URI. EGR 325 and EGR 326 are permissible approved professional electives. The remaining courses are to be 300-level or higher in natural sciences, or 400-level or higher in engineering (BME, CHE, CPE, CVE, ELE, ISE, MCE, OCE), or 400-level or higher in MTH.

All professional electives require prior approval by CHE advisor.

THE
UNIVERSITY
OF RHODE ISLAND
Notice of Change RIBGHE

Appendix J

Revised 10-2009

Notice of Change for the BS in Industrial and Systems Engineering Program
Date:

A. PROGRAM INFORMATION

1. Name of institution
University of Rhode Island

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

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

5. Summary description of proposed program (not to exceed 2 pages).
The Industrial and Systems Engineering program is proposing several changes in the B.S. degree requirements. They are summarized as follows:
The following changes are made:
ISE 404, 411, 412, 432, and 433 - renumber to the 300-level since they are all typically taken by junior ISE majors.
ISE 325 - revise content and course description, suggested by new faculty member

Also attached is the new curriculum plan for Class of 2020, which includes the following changes:
1) replace ECN 201 with a more flexible general education outcome
2) remove EGR 316 engineering ethics since it has not yet been submitted to the new general education program
3) replace PHY 205/275 with a basic science elective
4) re-number 404, 411, 412, 432 and 433 to 300-level comparable numbering system
5) add ISE 420 as a required course, based on comparison with other ISE curriculum plans at other universities
6) re-arrange which semester courses are recommended
7) correct title of ISE 220 to match catalog
8) specify general education minimum credits
9) update professional elective list to match URI Business Minor courses which were updated in 2015
10) define science elective options in footnote

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

CURRENT:

The industrial and systems engineering major requires 122 credits.

Freshman Year First semester: 15 credits

CHM 101 (3), 102 (1); EGR 105 (1); MTH 141 (4); and two general education requirements[1] (6).

Second semester: 16 credits

ECN 201 (3); EGR 106 (2); MTH 142 (4); PHY 203 (3), 273 (1); and general education requirement[1] (3).

Sophomore Year First semester: 14 credits

[ISE 240 (3) *and* 241 (1) ***or*** MCE 201 (3) *and* ISE 220 (1)**]**; MCE 262 (3); MTH 243 (3); and PHY 204 (3), 274 (1).

Second semester: 14 credits

CVE 220 (3); **[**ISE 240 (3) *and* 241 (1) ***or*** MCE 201 (3) *and* ISE 220 (1)**]**; MCE 263 (3); MTH 362 **or** 244 (3); and PHY 205 (3), 275 (1).

Junior Year First semester: 15 credits

CHE 333 (3); EGR 316 **or** PHL 212 (3); ISE 325 (3), 411 (3), 432 (3).

Second semester: 15 credits

BUS 201 (3); ELE 220 (3); ISE 404 (3), 412 (3), 433 (3)

Senior Year First semester: 15 credits

ISE 401 (3) **[capstone]**, 451 (3); professional electives[2] (6); and free elective (3).

Second semester: 15 credits

ISE 402 (3) **[capstone]**; professional electives[2] (9); and general education requirement[1] (3).

[1] Recommend ECN 202 [GE-S] as one (1) general education choice.

[2] *Professional Elective Requirements:* Must be satisfied by fifteen (15) credits of professional electives, at least six (6) of which must be 400- or 500-level ISE courses not required by the ISE major. The ***remaining courses*** may be any 300-, 400-, or 500- level courses offered by the College of Engineering not required by the ISE major, CSC, MTH, or PHY *(except CHE 328, 351, 352; CSC 320; MTH 381, 420, 451, 452; PHY 322, 381, 382; courses in professional practice; seminars)*; BUS 315, 316, 320, 341, 344, 365, 420, 444, 450; ECN 323, 324, 327, 328, 344, 363, 368, 376; STA 412 or any 500-level[3] STA courses *(except STA 532);* MBA 530, 550.

[3]**Note:** Only ISE 513 ***or*** STA 513 will be allowed - not both *(these are cross-listed courses).*

PROPOSED:

The industrial and systems engineering major requires 121-124 credits.

Freshman Year First semester: 15 credits

CHM 101 (3), 102 (1); EGR 105 (1); MTH 141 (4); and two general education outcome[1] (6).

Second semester: 16 credits

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

Sophomore Year First semester: 17 credits

[ISE 240 (3) *and* 241 (1) ***or*** MCE 201 (3) *and* ISE 220 (1)**]**; MCE 262 (3); MTH 243 (3); PHL 212 (3); and PHY 204 (3), 274 (1).

Second semester: 16 credits

CVE 220 (3); **[**ISE 240 (3) *and* 241 (1) ***or*** MCE 201 (3) *and* ISE 220 (1)**]**; MCE 263 (3); MTH 362 **or** 244 (3); and science elective[3] (3).

Junior Year First semester: 15 credits

BUS 201 (3); CHE 333 (3); ISE 325 (3), 311 (3), 332 (3).

Second semester: 15 credits

ELE 220 (3); ISE 304 (3), 312 (3), 333 (3), professional elective[2] (3).

Senior Year First semester: 15 credits

ISE 401 (3) **[capstone]**, 420 (3), 451 (3); professional electives[2] (3); and general education outcome[1] (3).

Second semester: 15 credits

ISE 402 (3) **[capstone]**; professional electives[2] (9); and general education outcome[1] (3).

[1] General education outcomes: If all Outcomes are satisfied in fewer spaces than provided, you must take other courses to reach a minimum of 40 credits in general education courses and 120 credits total.

[2] *Professional Electives:* Must be satisfied by fifteen (15) credits of professional electives, at least six (6) of which must be 400- or 500-level ISE courses not required by the ISE major. The remaining courses may be any 300-, 400-, or 500- level courses offered by the College of Engineering not required by the ISE major, CSC, MTH, or PHY (except CHE 328, 351, 352; CSC 320; MTH 381, 420, 451, 452; PHY 322, 381, 382; courses in professional practice; seminars); BUS 320, 341, 344, 355, 365, 420, 443, 448, 449, 444, 450; ECN 323, 324, 327, 328, 344, 363, 368, 376; any 500-level STA courses (except STA 532); MBA 530, 550; PSY 335, 384, 385, 434. Note: Only ISE 513 ***or*** STA 513 will be allowed - not both *(these are cross-listed courses).*

[3] *Science Elective:* Choose from CHM 112, CHM 124, KIN 122, NRS 100, or PHY 205. Please note that CHM 112, CHM 124, and KIN 122 are not general education classes.

6. Signature of the President

David M. Dooley

THE UNIVERSITY OF RHODE ISLAND

ISE & MCE Science Electives Endorsements

Jared Abdirkin <jabdirkin@uri.edu>

Fwd: KIN 122

1 message

C. Rousseau <rousseau@uri.edu> Tue, Apr 19, 2016 at 4:03 PM
To: Jared Abdirkin <jabdirkin@uri.edu>

Jared ~ Please see the endorsement from KIN below.

Thank you,

Carl-Ernst Rousseau, P.E., Ph.D.

Assoc. Professor & Chair
Mechanical, Industrial & Systems Engineering
University of Rhode Island
203 Wales Hall, 92 Upper College Rd.
Kingston, RI 02881

Tel: (401) 874-2542
Fax: (401) 874-2355
E-mail: rousseau@uri.edu

Begin forwarded message:

From: Deborah Riebe <debriebe@uri.edu>
Subject: KIN 122
Date: April 19, 2016 at 2:19:06 PM EDT
To: Carl-Ernst Rousseau <roussce@uri.edu>

Dr. Rousseau,
The Department of Kinesiology supports your request to allow students in the ISE program take KIN 122 as a required course (choice between NRS 100, PHY 205, KIN 122, or CHM 112, 124).

Sincerely,
Deb Riebe

–
Deborah Riebe, Ph.D., FACSM
Department of Kinesiology
University of Rhode Island
Kingston, RI 02816
401-874-5444

THE
UNIVERSITY
OF RHODE ISLAND

Jared Abdirkin <jabdirkin@uri.edu>

Fwd: Letter of Support for ISE

1 message

C. Rousseau <rousseau@uri.edu> Tue, Apr 19, 2016 at 1:06 PM
To: Jared Abdirkin <jabdirkin@uri.edu>

Dear Jared,

Please note NRS' positive reply.

Thank you,

Carl-Ernst Rousseau, P.E., Ph.D.

Assoc. Professor & Chair
Mechanical, Industrial & Systems Engineering
University of Rhode Island
203 Wales Hall, 92 Upper College Rd.
Kingston, RI 02881

Tel: (401) 874-2542
Fax: (401) 874-2355
E-mail: rousseau@uri.edu

Begin forwarded message:

From: Arthur Gold <agold@uri.edu>
Subject: Re: Letter of Support for ISE
Date: April 19, 2016 at 1:02:58 PM EDT
To: "C. Rousseau" <rousseau@uri.edu>, Brett Still <bstill@uri.edu>

Dear Dr. Rousseau,

The NRS department is pleased to receive ISE students into NRS 100. We are able and willing to accommodate increased enrollments.

Best wishes.

Art

Arthur J Gold Ph.D.
Professor and Chair
Dept of Natural Resources Science
University of Rhode Island
Kingston, RI 02881
agold@uri.edu
401 874 2903

THE
UNIVERSITY
OF RHODE ISLAND

Jared Abdirkin <jabdirkin@uri.edu>

Re: Notice of Change - Curriculum change

1 message

C. Rousseau <rousseau@uri.edu> Tue, Apr 19, 2016 at 11:00 AM
To: Musa Jouaneh <jouaneh@uri.edu>
Cc: Carl-Ernst Rousseau <roussce@uri.edu>, Valerie Maier-Speredelozzi <valerie@uri.edu>, Manbir Sodhi <sodhi@uri.edu>, Jyh-Hone Wang <jhwang@uri.edu>, Gretchen Macht <macht@uri.edu>, Jared Abdirkin <jabdirkin@uri.edu>

Hi All,

I heard from PHY. The Chair can only admit our students in PHY 205/275

However, he proposes to try and convene an emergency department meeting today, if possible, to discuss the other PHY courses.

Thank you,

Carl-Ernst Rousseau, P.E., Ph.D.

Assoc. Professor & Chair
Mechanical, Industrial & Systems Engineering
University of Rhode Island
203 Wales Hall, 92 Upper College Rd.
Kingston, RI 02881

Tel: (401) 874-2542
Fax: (401) 874-2355
E-mail: rousseau@uri.edu

THE
UNIVERSITY
OF RHODE ISLAND

Jared Abdirkin <jabdirkin@uri.edu>

Letter # 1 CHM (ISE & MCE)

1 message

Carl-Ernst Rousseau <roussce@uri.edu> Tue, Apr 19, 2016 at 4:48 AM
To: Jared Abdirkin <jabdirkin@uri.edu>

Jared ~ Here is the support document from CHM for both programs. Carl

Begin forwarded message:

From: URI Chemistry Chair <chair@chm.uri.edu>
Subject: Chemistry Lecture Courses for Industrial and Mechanical Engineering Students
Date: April 18, 2016 at 9:28:24 AM EDT
To: roussce@uri.edu

Carl,

As we discussed on the phone, the Chemistry Department has the capacity to increase the number of students in the lecture courses CHM 112 or CHM 124. If students in Industrial or Mechanical Engineering choose either of these options for their curriculum, the Chemistry Department will be able to accommodate the demand without additional resources.

However, to be clear, this does not pertain to any laboratory course.

Bill

–
Dr. Bill Euler
Professor & Chair, Chemistry
University of Rhode Island
phone: 401-874-5090
fax: 401-874-5072

Subject: Re: ISE and PSY
To: "Valerie Maier Speredelozzi" <valerie@uri.edu>
Cc:

Hi,

You are welcome to communicate with Enrollment Services about the time change. Also, I would be pleased to have you list Psy113 in your curriculum. My large sections of the course are taught with an emphasis on the biological foundation and research methods. I encourage others to teach the course this way, as well.

In the context of upper level psychology courses, adding students to one of these courses when they have not met the prerequisites is a decision made by the instructors assigned to each course. I would personally voice support for this request, although it is usually desirable for students enrolled in these courses to have experience with (human/non-human) behavioral problems in the mastery of statistics and research methods. But, permission numbers are typically under the control of our instructors.

I would like to continue discussion of potential collaborations between our departments, so let's keep this dialogue open. su

Su L. Boatright
Professor and Interim Chairperson
Psychology Department
University of Rhode Island
401-952-7303 (cell, preferred)
401-874-2193 (office)

Sent from my iPad

On Apr 5, 2016, at 11:44 PM, Valerie Maier Speredelozzi <valerie@uri.edu> wrote:

> Dear Su,
> I am writing on behalf of the Industrial and Systems Engineering program with a few requests and questions.
>
> First, one of the classes that ISE has cross-listed with PSY is scheduled for Fall 2016, but at the wrong time. ISE 420 is now scheduled for Tues/Thurs 2-3:15pm. The PSY 420 class was scheduled at the same time as last fall, as the default, so I'd like to move it to the new time. Will you contact enrollment services about this, or would you like me to do that?
>
> Second, our ISE curriculum committee has been meeting to update our curriculum. We would possibly like to add some PSY classes as optional electives that our students can take. We are adding a "science elective" where students will have a choice of several lower-level courses. We are considering adding PSY 113 to this list, although we need to check with our accreditation agency to see if they would approve, since psychology may be considered more social science than basic science. Would this work for the Psychology dept?
>
> Also, we have a list of acceptable professional electives and we were considering adding PSY 335, 384, 385, 434 since these are the topics most closely related to ISE and have minimal pre-requisites. Would the PSY department be willing to admit some ISE students to these courses, even if the ISE students had not taken PSY 200 or 301? These would be juniors and seniors in engineering who had already completed 4 calculus classes and 2 classes in statistics including quality and design of experiments.
>
> Thank you for your consideration of these requests,
> Sincerely,
> Valerie

THE
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Notice of Change RIBGHE

Appendix K

Revised 10-2009

Notice of Change for requirements for graduation for BS in Mechanical Engineering
Date: March 31, 2016

A. PROGRAM INFORMATION

1. Name of institution
University of Rhode Island

2. Name of department, division, school or college
Department: Mechanical, Industrial & Systems Engineering
College: Engineering

3. Intended initiation date of program change. Include anticipated date for granting first degrees or certificates, if appropriate.
Initiation date: September 7, 2016
First degree date: May 2017

4. Intended location of the program
URI Kingston campus

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

The Mechanical Engineering program currently has a requirement that all students enroll in ECN 201 during the Spring of their Freshman Year.
ECN 201 will no longer be a requirement for the Mechanical Engineering BS degree. Instead, the students can take a general education course of their choice.

The Mechanical Engineering program currently has a requirement that all students enroll in PHY 205 and PHY 275 during the Spring of their Sophomore Year.
PHY 205 and PHY 275 will no longer be a requirement for the Mechanical Engineering BS degree. Instead, the students can elect one of the following Science elective courses: PHY 205/275, CHM 112, CHM 124

As a result of these changes, the total number of credits required for graduation will drop from 122 to 121.

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

Page 86 of the Catalog states:
— The mechanical engineering major requires 122 credits.
This must be changed to:
— The mechanical engineering major requires 121 credits.

— (Freshman second semester) change:
ECN 201 (3); EGR 106 (2); MTH 142 (4); PHY 203 (3), 273 (1); and general education requirement (3).
— to:
EGR 106 (2); MTH 142 (4); PHY 203 (3), 273 (1); and two general education requirement (6).

— (Sophomore second semester) change:
CVE 220 (3) ; [ISE 240 (3) and 241 (1) or MCE 201 (3) and ISE 220 (1)]; MCE 263 (3); MTH 244 (3); and PHY 205 (3), 275 (1).
— to:
CVE 220 (3) ; [ISE 240 (3) and 241 (1) or MCE 201 (3) and ISE 220 (1)]; MCE 263 (3); MTH 244 (3); and science elective*.
* Science Elective: Need to take any of the following courses: PHY 205/275, CHM 112, CHM 124

6. Signature of the President

_____
David M. Dooley

THE UNIVERSITY OF RHODE ISLAND

ISE & MCE Science Electives Endorsements

Jared Abdirkin <jabdirkin@uri.edu>

Fwd: KIN 122

1 message

C. Rousseau <rousseau@uri.edu> Tue, Apr 19, 2016 at 4:03 PM
To: Jared Abdirkin <jabdirkin@uri.edu>

Jared ~ Please see the endorsement from KIN below.

Thank you,

Carl-Ernst Rousseau, P.E., Ph.D.

Assoc. Professor & Chair
Mechanical, Industrial & Systems Engineering
University of Rhode Island
203 Wales Hall, 92 Upper College Rd.
Kingston, RI 02881

Tel: (401) 874-2542
Fax: (401) 874-2355
E-mail: rousseau@uri.edu

Begin forwarded message:

From: Deborah Riebe <debriebe@uri.edu>
Subject: KIN 122
Date: April 19, 2016 at 2:19:06 PM EDT
To: Carl-Ernst Rousseau <roussce@uri.edu>

Dr. Rousseau,
The Department of Kinesiology supports your request to allow students in the ISE program take KIN 122 as a required course (choice between NRS 100, PHY 205, KIN 122, or CHM 112, 124).

Sincerely,
Deb Riebe

–
Deborah Riebe, Ph.D., FACSM
Department of Kinesiology
University of Rhode Island
Kingston, RI 02816
401-874-5444

THE
UNIVERSITY
OF RHODE ISLAND

Jared Abdirkin <jabdirkin@uri.edu>

Fwd: Letter of Support for ISE

1 message

C. Rousseau <rousseau@uri.edu> Tue, Apr 19, 2016 at 1:06 PM
To: Jared Abdirkin <jabdirkin@uri.edu>

Dear Jared,

Please note NRS' positive reply.

Thank you,

Carl-Ernst Rousseau, P.E., Ph.D.

Assoc. Professor & Chair
Mechanical, Industrial & Systems Engineering
University of Rhode Island
203 Wales Hall, 92 Upper College Rd.
Kingston, RI 02881

Tel: (401) 874-2542
Fax: (401) 874-2355
E-mail: rousseau@uri.edu

Begin forwarded message:

From: Arthur Gold <agold@uri.edu>
Subject: Re: Letter of Support for ISE
Date: April 19, 2016 at 1:02:58 PM EDT
To: "C. Rousseau" <rousseau@uri.edu>, Brett Still <bstill@uri.edu>

Dear Dr. Rousseau,

The NRS department is pleased to receive ISE students into NRS 100. We are able and willing to accommodate increased enrollments.

Best wishes.

Art

Arthur J Gold Ph.D.
Professor and Chair
Dept of Natural Resources Science
University of Rhode Island
Kingston, RI 02881
agold@uri.edu
401 874 2903

THE
UNIVERSITY
OF RHODE ISLAND

Jared Abdirkin <jabdirkin@uri.edu>

Re: Notice of Change - Curriculum change

1 message

C. Rousseau <rousseau@uri.edu> Tue, Apr 19, 2016 at 11:00 AM
To: Musa Jouaneh <jouaneh@uri.edu>
Cc: Carl-Ernst Rousseau <roussce@uri.edu>, Valerie Maier-Speredelozzi <valerie@uri.edu>, Manbir Sodhi <sodhi@uri.edu>, Jyh-Hone Wang <jhwang@uri.edu>, Gretchen Macht <macht@uri.edu>, Jared Abdirkin <jabdirkin@uri.edu>

Hi All,

I heard from PHY. The Chair can only admit our students in PHY 205/275

However, he proposes to try and convene an emergency department meeting today, if possible, to discuss the other PHY courses.

Thank you,

Carl-Ernst Rousseau, P.E., Ph.D.

Assoc. Professor & Chair
Mechanical, Industrial & Systems Engineering
University of Rhode Island
203 Wales Hall, 92 Upper College Rd.
Kingston, RI 02881

Tel: (401) 874-2542
Fax: (401) 874-2355
E-mail: rousseau@uri.edu

THE
UNIVERSITY
OF RHODE ISLAND

Jared Abdirkin <jabdirkin@uri.edu>

Letter # 1 CHM (ISE & MCE)

1 message

Carl-Ernst Rousseau <roussce@uri.edu> Tue, Apr 19, 2016 at 4:48 AM
To: Jared Abdirkin <jabdirkin@uri.edu>

Jared ~ Here is the support document from CHM for both programs. Carl

Begin forwarded message:

From: URI Chemistry Chair <chair@chm.uri.edu>
Subject: Chemistry Lecture Courses for Industrial and Mechanical Engineering Students
Date: April 18, 2016 at 9:28:24 AM EDT
To: roussce@uri.edu

Carl,

As we discussed on the phone, the Chemistry Department has the capacity to increase the number of students in the lecture courses CHM 112 or CHM 124. If students in Industrial or Mechanical Engineering choose either of these options for their curriculum, the Chemistry Department will be able to accommodate the demand without additional resources.

However, to be clear, this does not pertain to any laboratory course.

Bill

–
Dr. Bill Euler
Professor & Chair, Chemistry
University of Rhode Island
phone: 401-874-5090
fax: 401-874-5072

THE
UNIVERSITY
OF RHODE ISLAND
Notice of Change RIBGHE

Appendix M

Revised 10-2009

Notice of Change for curriculum changes for the Department of Kinesiology to accommodate the new URI general education program.
Date: March 4, 2016

A. PROGRAM INFORMATION

1. Name of institution
University of Rhode Island

2. Name of department, division, school or college
Department: Kinesiology
College: College of Health Sciences (currently HSS)

3. Intended initiation date of program change. Include anticipated date for granting first degrees or certificates, if appropriate.
Initiation date: 7/1/2016
First degree date: 5/17

4. Intended location of the program
Kingston campus, Independence Square

5. Summary description of proposed program (not to exceed 2 pages).
The Department of Kinesiology has altered the curriculums for the exercise science, health and physical education and early contingent physical therapy programs to accommodate the new URI general education program. This necessitated very minor changes in how the curriculum is presented to students. No required courses were added to or subtracted from the programs.

If applicable, please include the existing URI catalog language and proposed catalog language changes that relate to your request.
The minor catalog changes is submitted on an attached document.

6. Signature of the President

_____
David M. Dooley

Catalog Language – Existing with Track Changes

Kinesiology

This curriculum leads to a Bachelor of Science degree. The major is designed for students who plan to pursue careers in exercise science or physical and health education teacher education. The exercise science program can also be used to fulfill the prerequisites for students considering graduate degrees in health care professions. The department also offers a Master of Science degree in Kinesiology, described in the Graduate Programs section of this catalog. The Department of Kinesiology offers up-to-date research and teaching facilities including laboratories for human performance, metabolism, body composition, resistance training, plethysmography, bone density, health fitness, biochemistry, and youth fitness.

Students seeking admission to this program must have completed 24 credits, passed BIO 101 and have a minimum GPA of 2.0.

Kinesiology Options. Students are strongly advised to seek guidance from their advisor in planning their course of study and choosing a focus area.

Exercise Science Option. The exercise science option prepares students to analyze physical activity, exercise, and sport in a physiological context. The Exercise Science Pre-Professional Track emphasizes basic sciences courses. This track is for students considering careers or graduate degrees in health care professions such as clinical exercise physiology, cardiac rehabilitation, physical therapy, and occupational therapy. The Applied Exercise Science Track promotes the understanding of the health benefits of physical activity and is designed for students interested in becoming health fitness or strength and conditioning specialists. Career opportunities exist in corporate, community, commercial and hospital-based fitness and wellness centers. The Applied Exercise Science track also prepares students for graduate study in exercise science, health fitness, health promotion, preventive medicine and related fields. Exercise science students will be prepared to become certified as a health fitness specialist, strength and conditioning specialist, or personal trainer. Students in this option are required to have a cumulative grade point average from core exercise science courses of 2.50 or higher before completing supervised field work.

Health and Physical Education Teacher Education (HPE) Option. This option is designed for students seeking teacher certification in physical education and/or health education and/or adapted physical education at the elementary and secondary levels. Completion of the NCATE approved certification program fulfills the requirement for teacher certification in Rhode Island and the majority of other states. Students interested in undergraduate teacher education programs must apply for admission to URI's Office of Teacher Education. Applications for admission to teacher education programs are normally submitted during the sophomore year. A

departmental screening committee reviews the applications. The committee's decision is based on the following criteria: 1) recommendations from faculty and others who have knowledge of the candidate's experience or interest in working in education; 2) a writing sample expressing career goals, experience working with children, and expectations as a teacher; 3) passing scores on the Praxis I core tests (seeuri.edu/hss/education/applicants/app_material/New_admission_testing_requirements.pdf for passing scores); 4) interview with presentation of admission portfolio; 5) completion of at least 30 credits of coursework including KIN 270; and 6) an overall GPA of 2.50 or better and grades of C or better in KIN 270, COM 100, and WRT 104 or 106. If denied admission, students can petition the department for a decision review. Applicants who fail to gain admission should seek counsel from an appropriate advisor. Students may reapply for admission to the teacher education program but should understand that this may delay their anticipated graduation date. Students in the physical and health education teacher education program are required to have a cumulative grade point average of 2.70 or higher in KIN courses before student teaching (EDC 486/7). Students in the physical and health education teacher education certification and licensure program are required to take and pass the Praxis II: Principles of Learning and Teaching (PLT) Test, Health Education Content Knowledge Test, and the Physical Education Content Knowledge Test prior to student teaching. Contact the Office of Teacher Education for the "passing" scores required for each test. Students who do not achieve a passing score on the Praxis II exams may complete their degree in Youth Movement Sciences. A new MATCP in HPE option is available for graduate students. Students will be eligible for teacher certification in physical education and/or health education and/or adapted physical education.

Early Contingent Admission to URI Physical Therapy Program Option. This advanced specialization is designed for highly qualified students who have decided on a career in physical therapy and wish to attend the URI D.P.T. program. Students successfully following this track will be allowed to apply for the URI Doctor of Physical Therapy (D.P.T.) program during their junior year. Following acceptance, credits earned the first year in the physical therapy program will be used to complete the B.S. degree in kinesiology. Students in this track must complete the following requirements to stay in this accelerated program: 1) complete the required course sequence and have a 3.20 or higher GPA at the completion of freshman year; 2) receive a minimum grade of 3.00 in BIO 121; 3) complete the required course sequence and have a 3.30 or higher GPA at the completion of sophomore year; and 4) complete the required course sequence and have a GPA of 3.40 or higher following the first semester of the junior year. Students applying for early contingent admission must also complete all admission requirements set by the D.P.T. program (seePhysical Therapy in the Graduate Programs section of this catalog).Completion of this specialization does not guarantee admission into URI's D.P.T. program.

General. This option is designed for the student who desires a broad experience in kinesiology. It may also be used for students transferring into the department.

Degree Requirements. The following courses are required of all students in kinesiology: URI 101 (1 credit), 40 credits of general education ~~including WRT 104 or 106; COM 100; NFS 207; and PSY 113. Core curriculum requirements (16 credits) include~~ BIO 101, ~~BIO~~ 121, 242; KIN 300, 278, 370~~81~~, and 3817~~0~~; PSY 113. A total of 120 credits is required for graduation from exercise science, early contingent physical therapy, and general options. A total of 124 credits is required for graduation from the physical and health education teacher education option. Specific requirements for the different degree options are listed below.

Teacher certification requirements include: KIN 270, 304, 305, 307, 309, 310, 314, 315, 368, 401, 410, 430; PSY 232, 460; EDC 279, 312, 410, 485, 486/487; NFS 207; NUR 150; HDF 357 WRT 104 or 106; 7 credits of practicum activity including KIN 116, 117, 118, 121, 322, and 324, 3 credits of approved adaptive physical education courses. ~~There are no free electives.~~

The *exercise science option* requires BIO ~~101,~~ 103; KIN 123, 275, 278, 301, 320, 325, 390, 420, 486; WRT 106. The *pre-professional track* also requires CHM 103, 105, 124, 126; BIO 244; ~~BCH~~CMB 210~~-211~~; PSY 232, 235, 254, or 255; ~~and~~ PSY 200, STA 307 or STA 308. Additionally there are ~~17-18 credits of~~ free electives. Students applying for a graduate program in physical therapy must also take the following classes as free electives: PHY 111, 185, 112, 186; and MTH 111. The applied exercise science track also requires KIN 369, 425, 125; and 2 professional electives (choose from KIN 243, 382, 414, 475, 478, 479; NFS 360; PSY 255). Any student interested in graduate education should check programs of interest for prerequisites. Free electives can be used to satisfy those prerequisites.

The *early contingent physical therapy program* requires that the following classes be completed during the first five semesters of study: BIO 101, 103, 121, 242, 244; CHM 103, 105, 124, 126; COM 100; KIN 123, 243, 275, 278, 300, 301, 320, 325, 370; MTH 111; PHY 111, 185, 112, 186; PSY 113 and PSY 232, 235, 254, or 255; PSY 200, STA 307 or STA 308; WRT ~~104 or~~ 106~~; and 12 credits of general education credits~~. Other requirements include KIN 381, 420; NFS 207; and ~~6 credits of general education credits~~free electives. During the 7th and 8th semesters, the first year physical therapy graduate curriculum is followed.

Requirements specific to the *general* option include KIN 243, 270, 275, 369, 382, 475 or 478; PSY 255; NSF 207; and HDF 357. Additionally, students must complete 18 credits in a department-approved focus area, or complete a University-approved minor. Students also complete courses to fulfill the general education requirements, and the kinesiology core courses that are common to all options in the department.

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Notice of Change RIBGHE

Appendix N

Revised 10-2009

Notice of Change for Health Studies
Date: 3/8/16

A. PROGRAM INFORMATION

1. Name of institution
University of Rhode Island

2. Name of department, division, school or college
Department: Health Studies
College: HSS

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: May 2020

4. Intended location of the program
Kingston campus

5. Summary description of proposed program (not to exceed 2 pages)
Health Studies has altered the curriculum to accommodate the new URI general education program. This necessitated very minor changes in how the curriculum is presented to students.

We are proposing changes to the prerequisites and classes offered within each specialization.

We are proposing :

a. adding the following prerequisite to HLT 200: Introduction to Health Studies (4 cr): at least sophomore standing.

b. adding the following prerequisites to HLT 450: Advanced Health Studies (4 cr): at least junior standing, grade of C or higher in HLT 200, PSY 200 or STA 307.

c. adding HLT 100: Introduction to Public Health and Health Studies (3 cr) as a requirement for all majors [pending class approval].

d. adding PHP 201: Introduction to the U.S. Health Care System (3 cr) as a possible elective for each specialization (health services, health promotion, and global health) (see attachment 1, letter from Dr. Barbour).

d. adding HDF 200: Life Span Development (3 cr) as possible class for the Health Promotion specialization (see attachment 2, email from Dr. McCurdy).

e. adding HDF 440: Environmental Context of Aging (3 cr) as possible class for the Health Promotion specialization (see attachment 3, email from Dr. Leedhal)

f. adding PSC/HDF 405: Policy Issues in Health & Aging (4 cr) to the Health Services specialization (see attachment 4, email from Dr. Leedhal)

g. removing PHP/NUR 143: Sustainable Solutions for Global Hlt Problems (3 cr) from the Global and Environmental Health specialization as it is not offered (see email from Dr. Quilliam). Note: this class is not included on the curriculum sheet.

h. removing NUR/PHP 114: Responsible Health Care (3 cr) from the Global and Environmental Health specialization as it is not offered (see attachment 5, email from Dr. Quilliam). Note: this class is not included on the curriculum sheet.

i. changing the name of HLT 200: Introduction to Interdisciplinary Health Studies to Interdisciplinary Approaches to Health. This change is required due to the proposed addition of HLT 100: Introduction to Public Health and Health Studies (3 cr)

j. removing BPS 201: How Drugs Work. This change is required as the class is infrequently offered. Interested students can take this class as a free elective. Note: this class is written in blue font on curriculum sheet.

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

The minor catalog changes is submitted on an attached document.

6. Signature of the President

_____

David M. Dooley

Existing Catalog Language with Track Changes:

Health Studies

The interdisciplinary curriculum in health studies leads to a Bachelor of Science degree. The major is designed to prepare students for non-clinical careers in public health, health promotion, health services management, for-profit companies, not-for-profit organizations, and community health agencies.

Students seeking admission to this program must have completed 24 credits and have a minimum GPA of 2.50.

Program Requirements. Students are required to complete the following core curriculum (120 credits):

1) At least 40 general education credits~~The following courses must be taken as part of the general education requirements: BIO 105; CHM 100 or 103; COM 100; MTH 107, 108, 131, 141; PHL 101 or 103 or 212; PSY 113; and WRT 104 or 106~~.

2) ~~28 credits of~~C ~~c~~ore courses including BIO 105 or 101 and 103; CHM 100 or 103; COM 100, 202, 208, 210, or 251; HLT 100,~~HLT~~ 200, and 450; KIN 122; KIN 123; MTH 107 or MTH 108 or MTH 131 or MTH 141; PHL 101 or 103 or 212 and 314; PHP 405; PSY 113; and STA 307 or PSY 200; URI 101; WRT 104 or 106.

3) 18-24 credits (6 courses) from one of the following specializations: global and environmental health; health promotion; or health services.

4) 25-31 credits of free electives.

Students select a specialization in one of the following three areas:

Global and Environmental Health. This specialization prepares students to address health problems and concerns that transcend national boundaries. The goals of the curriculum are to foster critical thinking about world health problems and disparities; examine biological, social, economic, political, and environmental factors that influence global health problems; develop practical strategies and sustainable international partnerships to address major global health and environmental challenges; and inspire a commitment to real world change. Students select six courses from the following list. At least four courses must be at the 300 or 400 level. Courses must be selected from at least three different disciplines/departments: APG 319; BIO/ENT 286; BPS ~~201~~, 202; COM/SUS 315; GCH 104; GWS 325; HPR 319; NRS 100, 411; NRS/CPL 300; ~~NUR/PHP 114~~; NUR 160; PHL 454; PHP 201 ~~PHP/NUR 143~~; PSC 113, 402, 403.

Health Promotion. This specialization is designed to prepare students for careers in fields whose primary emphasis is on facilitating individual, family, group, worksite, and community behavior change to promote healthy lifestyles and behaviors (e.g., increase exercise, cease smoking, manage stress). It also aims to improve life quality via the prevention and improved management of chronic illness and to help increase the length of life by reducing disease and increasing health-promoting behaviors. Students select six courses from the following list. At least four courses must be at the 300 or 400 level. Courses must be selected from at least three different disciplines/departments: ~~BPS 201~~, 202; GWS 350, 351; HDF 200, 201, 310, 312, 314, 357, 440, 450; KIN 275, 325, 401, 425; NFS 207, 276, 360, 394, 395; PHP 201; PSY 255, 381, 460, 479.

Health Services. This specialization equips students with a range of skills necessary for careers in the health care industry, with an emphasis on preparing students for roles within the health care workforce of tomorrow that do not involve direct patient care. Graduates will: 1) possess foundational knowledge of human health and disease; 2) gain an awareness of and appreciation for how the current health systems serve those in need; 3) understand economic principles and forces that influence the efficiency of health care service delivery and administration; and 4) be capable of effectively communicating within organizations and with other stakeholders, orally and in written form. Students select six courses from the following list. At least four courses must be at the 300 or 400 level. Courses must be selected from at least three different disciplines/departments: BPS ~~201~~, 202; BUS 341, 342; COM 351, 361, 402, 450, 461; ECN 201, 360; HSA 360; PHP 201; PSC/HDF 405; PSY 255; SOC 224; WRT 306.

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THINK BIG WE DO™

DEPARTMENT OF PHARMACY PRACTICE
Pharmacy Building, 7 Greenhouse Road, Kingston, RI 02881 USA uri.edu/pharmacy/departments/php

February 18, 2016

Mary Greaney
Assistant Professor
Health Studies and Department of Kinesiology
College of Health Sciences
University of Rhode Island
Kingston, RI 02881

RE: PHP 201 as possible elective for Health Studies specializations

Dear Molly:

I have confirmed with both Professors Marcoux and Kogut that it is appropriate to list PHP 201, Introduction to the U.S. Health Care System, as a possible elective for each specialization (health services, health promotion, and global health) in the Health Studies degree program. Please let me know if you have any questions or concerns. Thank you.

Sincerely,

Marilyn M. Barbour, PharmD, FCCP
Professor and Chair

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Mary Greaney <mgreaney@uri.edu>

Course Deletions: PHP 114 and 143

1 message

Brian Quilliam <bquilliam@uri.edu> Wed, Feb 3, 2016 at 3:55 PM
To: Mary Greaney <mgreaney@uri.edu>
Cc: Marilyn Barbour <mbarbour@uri.edu>, Rita Marcoux <marcouri@uri.edu>

HI Molly,

I wanted to write you and let you know that we are submitting the curricular forms to remove PHP 143 and PHP 114 (both were also cross-listed as NUR) from the catalog. As you may know, these course were developed several years ago, went through the curricular process, but then due to changes in faculty and other considerations, were never actually offered. As we have no plans to teach these moving forward, we will be requesting to have them removed from the course offerings. Can you please update your curriculum sheets (which suggest these course as options) to reflect these course deletions?

Please do not hesitate to contact me if I can be of assistance.

Thank you,
Brian

Dr. Brian J. Quilliam
Associate Dean for Student & Academic Affairs
College of Pharmacy
The University of Rhode Island
7 Greenhouse Road
Kingston, RI 02881
(401) 874-2030 (Voice)
(401) 874-5014 (Fax)
bquilliam@uri.edu

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Mary Greaney <mgreaney@uri.edu>

Fwd: PSC 405, as Health Studies course option?

1 message

Skye Leedahl <skyeleedahl@uri.edu> Thu, Feb 4, 2016 at 8:01 PM
To: Mary Greaney <mgreaney@mail.uri.edu>

Skye N. Leedahl, PhD
Assistant Professor, Aging and Health
University of Rhode Island

Begin forwarded message:

From: Brian Krueger <bkrueger@uri.edu>
Date: February 4, 2016 at 7:54:21 AM EST
To: Skye Leedahl <skyeleedahl@uri.edu>
Subject: Re: PSC 405, as Health Studies course option?

Yes, I support that....

Brian

Brian S. Krueger
Professor & Chair
Department of Political Science
University of Rhode Island
203 Washburn Hall
Kingston, RI, 02881

Email: bkrueger@uri.edu (preferred contact method)
Web: http://www.uri.edu/artsci/psc/krueger.html
Office Phone: 401 874 4058

On Wed, Feb 3, 2016 at 8:13 PM, Skye Leedahl <skyeleedahl@uri.edu> wrote:

> Hi Brian,
>
> Are you okay with having PSC/HDF 405 listed as course option for Health
>
> Studies majors in the Health Services specialization?
>
> Thanks
>
> Skye

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Mary Greaney <mgreaney@uri.edu>

Fwd: Question About Gerontology Minor

2 messages

Skye Leedahl <skyeleedahl@uri.edu> Thu, Feb 4, 2016 at 8:01 PM
To: Mary Greaney <mgreaney@mail.uri.edu>

FYI-- I will also forward you the email from the PSC chair.

Skye N. Leedahl, PhD
Assistant Professor, Aging and Health
University of Rhode Island

Begin forwarded message:

From: Karen Mccurdy <kmccurdy@uri.edu>
Date: February 4, 2016 at 9:30:48 AM EST
To: Skye Leedahl <skyeleedahl@uri.edu>
Subject: Re: Question About Gerontology Minor

Those makes sense to me so feel free to go ahead.

Karen

On Wed, Feb 3, 2016 at 2:57 PM, Skye Leedahl <skyeleedahl@uri.edu> wrote:

> Hi Karen,
>
> See below. Are you okay with this? I can ask Brian about PSC 405 as well.
>
> Thanks
> Skye
> ~~~~~~~~~~~~~~~~~
> **Skye N. Leedahl, PhD**
> Assistant Professor, Aging and Health
> University of Rhode Island
> Human Development & Family Studies and Political Science Departments
> skyeleedahl@uri.edu
>
> ---------- Forwarded message ----------
> From: **Mary Greaney** <mgreaney@uri.edu>
> Date: Wed, Feb 3, 2016 at 2:22 PM
> Subject: Re: Question About Gerontology Minor
> To: Skye Leedahl <skyeleedahl@uri.edu>
>
> Skye--
>
> I have been negligent on this, and am ding the paperwork.
>
> I am proposing:
>
> e. adding HDF 440: Environmental Context of Aging (3 cr) as possible class for the Health Promotion specialization (see email from Dr. Leedhal)

f. adding PSC/HDF 405: Policy Issues in Health & Aging (4 cr) to the Health Services specialization (see email from Dr. Leedhal)

I need an email saying that this is fine w/you (or your Chair).

On Mon, Dec 21, 2015 at 9:57 AM, Skye Leedahl <skyeleedahl@uri.edu> wrote:
> Hi Molly & Natalie,
>
> After seeing some emails between Phil & one of the Health Studies students,
> it donned on me that it might be a good idea to have a couple of my courses
> listed as possibilities for Health Studies students.
>
> The classes are: PSC/HDF 405 (Policy Issues in Health & Aging) and HDF 440
> (Environmental Context of Aging). I attached the syllabi for these courses
> to help you decide if these classes would work and/or which tracks they
> might fit in. *(The HDF 440 one is going to change quite a bit, as a major
> part of the class this next semester is going to be participation in the
> Cyber-Seniors program. I can send you the updated one in the next month or
> so if you'd like).
>
> Please let me know if you have questions. I hope we can all catch up soon!
> Skye
>
> Skye N. Leedahl, PhD
> Assistant Professor, Aging and Health
> University of Rhode Island
> Human Development & Family Studies and Political Science Departments
>

–
Assistant Professor
Health Studies and Department of Kinesiology
University of Rhode Island
Kingston, RI 02881
Phone: 401-874-7499
Email: mgreaney@mail.uri.edu

–
Karen McCurdy
Professor & Chair
Human Development & Family Studies
University of Rhode Island
2 Lower College, Room 112
Kingston RI 02881
kmccurdy@uri.edu

Mary Greaney <mgreaney@uri.edu> Sun, Feb 7, 2016 at 7:09 PM
To: Skye Leedahl <skyeleedahl@uri.edu>

Thanks!
[Quoted text hidden]

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Mary Greaney <mgreaney@uri.edu>

adding HDF 200 to list of classes

Karen Mccurdy <kmccurdy@uri.edu> Thu, Feb 4, 2016 at 9:28 AM
To: Mary Greaney <mgreaney@uri.edu>

Hi Molly,

We are happy to have HDF 200 included in the Health Science curriculum.

Best wishes,

Karen

[Quoted text hidden]

--
Karen McCurdy
Professor & Chair
Human Development & Family Studies
University of Rhode Island
2 Lower College, Room 112
Kingston RI 02881
kmccurdy@uri.edu

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Notice of Change RIBGHE

Appendix O

Revised 10-2009

Notice of Change for CHSS-SOE-Elementary Education; adding two courses to major requirements; program requirements

Date: 2/15/16

A. PROGRAM INFORMATION

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 (College of Education and Professional Studies as of July 1, 2016)

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: n/a

4. Intended location of the program
No change. University of Rhode Island-Kingston Campus

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

Delete Second Major requirement
Currently Elementary Education majors are required to have a second major. This is not a requirement for accreditation or certification locally or nationally. We will no longer require a second major. We will recommend students pursue additional certifications in Middle Level and ESL teaching. Middle level will require at least 21 credits in a content area taught in middle school (English Language Arts, Mathematics, Science, Social Studies). This may lead to students choosing to complete a second major. ESL has a group of eight courses required for certification, which could be a minor.

Delete required courses taken through general education
In the prior general education program students were required by our major to take COM 100, WRT 104, PSY 113, HIS 141 or 142, and a foreign language in their general education program. We believe that there will be ample opportunity in the new general education program for students to get a breadth of experience necessary to enhance their general knowledge. We will retain PSY 232 or HDF 200 (development), and a lab science as requirements for our program. However, students will be informed that they can choose to take these courses as part of their general education program. In addition, we will encourage students to take additional courses in English Language Arts, Mathematics,

Science, and Social Studies in order to further develop content knowledge necessary for teaching elementary school children.

Add to the requirements of the Elementary Education BA program: MTH 208 (4) Numeracy for Teachers and MTH 209 (4) Numeracy for Teachers II. MTH 208 may be taken as a general education course.

Nationally there is always a concern that Elementary Education teachers entering the profession have sufficient Mathematics expertise upon entering the profession. Our accreditors (ACEI, NCATE, RIDE) and other interested parties look to see that our students are receiving sufficient preparation in Mathematics.

In consultation with the Mathematics department a course was developed focusing on the Mathematics needed by teachers so that they would be able to competently teach Mathematics. MTH 208 Numeracy for Teachers was the course developed. This course was designed by the Mathematics Department to provide an in-depth experience for Elementary Education majors on the Mathematics they are required to teach in grades 1-8. HDF Early Childhood candidates also take the course. MTH 208 has been offered for over 10 years and is part of the current general education program and is being considered for the revised general education program. We have 'highly recommended' but have not required this class of our students at this point. At this time students usually take MTH 208 as part of their general education program. The Mathematics Department, in consultation with Elementary Education, recommended that MTH 208 be split into two courses so that student can get sufficient experience with mathematics concepts. Mathematics 209 was approved in May 2015. The courses are meant to be a two-semester sequence and are to be taken prior to taking EDC 456 Mathematics Methods in Elementary and Middle School Teaching (second semester Junior year).

We expect that approximately 60 Elementary Education candidates will take these classes every year once the cycle is established. Early Childhood candidates may also take these classes. These candidates will be better able to apply appropriate mathematics concepts in their methods class and in their classroom. While this will add 8 credits to the Elementary Education program, with attentive advising, there should be no difficulty for students to complete their degree in 4 years. Many may choose to take 4 of these credits in their general education program.

6. Signature of the President

David M. Dooley

Elementary Education revised catalog language

Revised Catalogue Language

Undergraduate students who are admitted to the Elementary Education program are required to complete a bachelor's degree. In addition, students are encouraged to complete a second major or degree, or minors, which may be chosen from the list of undergraduate university majors and minors and degrees. In addition students are encouraged to seek additional certifications in middle school or English as a Second Language.

The professional sequence courses required for elementary education are: prior to program admission EDC 102, 250, 312; Prior to student teaching EDC 402, 423, 424, 452, 453, 454, 455, 456, 457, 458, 459, and 460; Student Teaching EDC 484 and 485. Students must get a C or above in the professional sequence courses and maintain a minimum GPA of 2.50. The following are also required, some of which may be taken as part of general education requirements: A natural science with a lab, PSY 232 or HDF 200; MTH 208 and MTH 209. Students should contact the School of Education for more details.

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Appendix P

Revised 10-2009

Notice of Change for CHSS-SOE-Secondary Education; deleting one course from major requirements; program requirements

Date: 3/7/16

A. PROGRAM INFORMATION

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 (College of Education and Professional Studies as of July 1, 2016)

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: n/a

4. Intended location of the program
No change. University of Rhode Island-Kingston Campus

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

Delete required course taken through general education
In the prior general education program students in secondary education were required by our major to take PSY 113 General Psychology, COM 100 Communication Fundamentals, and one of the following: WRT 104 Writing to Inform and Explain, WRT 105 (no longer in Catalog) or WRT 106 Introduction to Research Writing). We will not longer be requiring secondary education majors to take specific courses as part of the major or as a requirement for general education.

6. Signature of the President

David M. Dooley

Revised Catalog Language:

education

Curriculums in secondary education lead to the Bachelor of Science or Bachelor of Arts degrees, the curriculum in elementary education to the Bachelor of Arts (B.A.) degree. Students wishing to enroll in the early childhood education program must major in human development and family studies and seek admission to the teacher education component of this program, as outlined below. The Master of Arts (M.A.), M.A. in Special Education, and Doctor of Philosophy (joint with Rhode Island College) degree programs in education are described in Graduate Programs.
The curriculums offer a balanced program of academic preparation and professional training. The required professional courses contribute directly to the student's understanding the teacher's role in society and developing teaching skills.

Successful completion of the early childhood education program leads to an initial teaching certificate for the pre-school and primary grades (PK2), while completion of the elementary education program leads to an initial teaching certificate for grades 1-6. The secondary education program leads to an initial teaching certificate for a specific subject area in grades 7-12. If you are a transfer student, see above for information on transferring into these programs.

Admission Requirements. Students interested in undergraduate teacher education programs must apply for admission to the Office of Teacher Education. Students interested in URI's early childhood, elementary, and secondary education programs must submit a portfolio and sit for an interview as part of the admission process. Please visit **uri.edu/hss/education** for additional information.

Applications for admission to teacher education programs are normally submitted during the sophomore year. Applications will be reviewed by a departmental screening committee based on the following criteria: 1) recommendations from faculty and others who have knowledge of the candidate's experience or interest in working in education; 2) a writing sample expressing career goals, experience in working with children, and expectations as a teacher; 3) passing scores on admissions tests based on Rhode Island Program Approval process, subject to change by the Department of Education (See School of Education website for updated information.); 4) the student's academic record, including a cumulative grade point average of 2.50 or better. In addition, for the secondary education and music education programs, a grade point average of 2.50 or better in the Arts and Sciences major or specialization is required. Students applying to the early childhood education program must attain a C or better in HDF 203 or equivalent for acceptance into the program.

Students should consult with the elementary or HDF advisor at University College, the Office of Teacher Education, or ~~the HSS~~ advisor at the Providence Campus.

Program Requirements. For courses required for early childhood education, see Human Development and Family Studies. For more information, see Teacher Education Programs. For graduate teacher education programs, see the Graduate Programs section. Undergraduate students who are admitted to the elementary education program are required to compete a bachelor's degree. In addition, students ~~must complete~~are encouraged a second major or degree, which may be chosen from the list of undergraduate university majors and degrees. ~~Students choosing a second major/degree in the College of Arts and Sciences must also fulfill the basic liberal studies requirements of the College of Arts and Sciences. The basic liberal students requirements may overlap but cannot replace the general education requirements of the college where the second major/degree resides.~~ In addition, students are encouraged to seek additional certifications in middle school or English as a Second Language.

The professional sequence courses required for elementary education are: prior to admission EDC 102, 250, 312; prior to student teaching~~,~~ 402, 423, 424, 452, 453, 454, 455, 456, 457, 458, 459, and 460~~.~~; ~~These courses are taken prior to~~ student teaching~~.~~ EDC 484 and 485 ~~make up the student teaching experience.~~ Students must get a C or above in the professional sequence courses and maintain a minimum GPA of 2.5. The following are also required, some of which may be taken as part of general education requirements: science with a lab, ~~and can be taken as part of the basic liberal studies requirements: COM 100; HIS 141 or 142;~~ PSY ~~113,~~ 232 or HDF 200; MTH 208 and 209.; ~~WRT 104.~~ Students should contact the School of Education for more details.

Students seeking to teach in a middle school must obtain a middle level certificate extension and be eligible for elementary or secondary certification. Admission to the middle level certificate extension program is contingent upon acceptance to the elementary or secondary education program. In addition to the course requirements for these programs, the professional sequence of courses required for middle level certificate extension is EDC 400, EDC 415 or an approved adolescent development course, and a practicum. These courses should be taken prior to student teaching. Teacher candidates seeking a middle level certificate extension are required to student teach in a middle school in addition to their elementary or secondary experience. In addition, 21–30 credits in one of the following content areas is required: English/language arts, mathematics, science, social studies, or foreign language. Prior to student teaching, candidates must successfully meet the standards for EDC 400 and the pre-student-teaching review. Elementary education students should see a middle level advisor for specific course requirements.

The education courses required for secondary education are EDC 102, 250, 312, 331, 332, 371, 402, 415, 430, 431, and 448. These courses are taken prior to student teaching. EDC 484 and

485 make up the student teaching semester. Students in secondary education are required to take a pedagogy as well as a content area exam in each area of certification.

Students pursuing a program in secondary education normally obtain a B.A. degree, double majoring in education and at least one content area specialization, although a B.S. degree is available in some content areas. Secondary education programs are offered in biology, chemistry, English, general science, history, mathematics, physics, social studies, and world languages (Chinese, French, German, Italian, Latin, Spanish).

Students in all programs must maintain minimum grade point averages of 2.50 overall, 2.50 in their education major, and 2.50 in their academic major area. To be eligible for student teaching, students must earn a grade of at least a C in EDC 430 and 448 (secondary); EDC 424, 425, 452, 453, 455, 456, 457, 458, and 460 (elementary); HDF 203, 301, 303, EDC 424, 426, and 429 (early childhood). In semesters leading up to student teaching, failure to maintain these grades and/or averages will result in "program probation," a one-semester period during which students have the opportunity to earn acceptable grades but may not student teach. Failure to return grade averages to acceptable standing after one semester leads to dismissal from the program. Students cannot proceed to student teaching if these requirements are not met.

Students in the School of Education, graduate and undergraduate certification and licensure programs will be required to take and pass a content area exam(s) in their area of certification and any other exam required for state licensure prior to student teaching or final internship. Contact the Office of Teacher Education for the "passing" scores required for each discipline.

Minor in Education. The overall URI minimum requirements for a minor apply (see Minor Fields of Study). EDC 102 and EDC 312 are required.
The major in elementary education requires a minimum of 120 credits; secondary education requires 120 credits.

The School of Education has designated EDC 485 as its **capstone** course.

THE
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Notice of Change RIBGHE

Appendix Q

Revised 10-2009

Notice of Change for the creation of a new course code: AHC
Date: April 8, 2016

A. PROGRAM INFORMATION

1. Name of institution
University of Rhode Island

2. Name of department, division, school or college
Academic Health Collaborative

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: Not applicable

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

Members of the Colleges of Pharmacy, Nursing, and Health Science request the creation of a new course code AHC. Faculty in these areas are working to create team taught interdisciplinary courses that cross disciplines and may be used for general education credit. We also hope this will facilitate interprofessional education. Presently, we can cross list courses from different departments but this becomes unwieldy with several departments.

If applicable, please include the existing URI catalog language and proposed catalog language changes that relate to your request. Not applicable.

6. Signature of the President

_____
David M. Dooley

Norma Owens <normaowens@uri.edu> Apr 8 (10 days ago)
to E, Patricia, Deborah

Hi Everyone,

I talked with Nancy Neff today in the faculty senate office about the proper steps to take to create an AHC course code.

She believes that this change doesn't need to come from the College curriculum committees (since no changes in this area are contemplated with the creation of the code) but through the Deans (or maybe only Paul).

Anyway, I've filled out the necessary form and I've emailed Jack to double check about the availability of AHC as a code.

I think if I had an email from each of you supporting the creation of the AHCcode, then we can move forward to the CAC. By including the 3 of you, we are being inclusive of pharmacy, nursing, and health.

Norma

Norma J. Owens, PharmD, FCCP
Professor of Pharmacy
University of Rhode Island

Paul Larrat Apr 8 (10 days ago)

to me, Patricia, Deborah

Norma
I have reviewed the request for the creation of an AHC course code and am highly supportive. This will allow for creation and designation of interdisciplinary courses, clinical experiences and research initiatives in a straightforward manner.

Paul

E. Paul Larrat, Ph.D.
Dean and Professor
URI College of Pharmacy
7 Greenhouse Rd.
Kingston, RI 02881

Patricia Burbank Apr 9 (9 days ago)

to me, E, Deborah

Hi Norma,

Thank you for moving this forward! I too strongly support the creation of anAHC code to enable faculty to design and offer interdisciplinary courses that truly reflect the mission and goals of the Institute and Collaborative.

Thanks,
Pat

Deborah Riebe 8:46 AM (2 hours ago)

to me

Norma,
You have my support to start an ACH course code. I believe this will help further the mission of the collaborative. Thanks for doing this.

Deb

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Joanne Lawrence <jlawrence@uri.edu>

AHC Subject Code

3 messages

Chris Barrett <cbarrett@uri.edu> Tue, Apr 19, 2016 at 9:53 AM
To: Joanne Lawrence <jlawrence@uri.edu>
Cc: John Humphrey <jhumphrey@uri.edu>

Dear Joanne,

AHC is available for us as a subject code.

Thank you,
~Chris Barrett
Senior Information Technologist
The University of Rhode Island
Enrollment Services, Green Hall
401.874.9633

--

Joanne Lawrence <jlawrence@uri.edu> Tue, Apr 19, 2016 at 9:56 AM
To: Chris Barrett <cbarrett@uri.edu>
Cc: John Humphrey <jhumphrey@uri.edu>

Thank you Chris!

Joanne

Joanne Lawrence
Specialist, Faculty Senate Office
301 Green Hall
401-874-2616
[Quoted text hidden]

Joanne Lawrence <jlawrence@uri.edu> Tue, Apr 19, 2016 at 9:57 AM
To: Nancy Neff <nneff@uri.edu>

I will use this email for the CAC!

j

Joanne Lawrence
Specialist, Faculty Senate Office
301 Green Hall
401-874-2616

[Quoted text hidden]

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Notice of Change RIBGHE

Appendix R

Revised 10-2009

Notice of Change for B.S. Pharmaceutical Sciences (B.S.P.S.) and Doctor of Pharmacy (PharmD)
Date: 3/23/2016

A. PROGRAM INFORMATION

1. Name of institution
University of Rhode Island

2. Name of department, division, school or college
College: Pharmacy (PHARM)

3. Intended initiation date of program change. Include anticipated date for granting first degrees or certificates, if appropriate.
Initiation date: Fall 2016, new freshmen enrollees.
First degree date: of revised degree program, May 2020 (BSPS) and May 2022 (PharmD).

4. Intended location of the program
Kingston, RI: No change

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

Summary: PharmD; no change to degree credits or required courses, change catalog language and curriculum map to reflect the newly approved General Education Program and minor inconsistencies in catalog language. BSPS: Substituting 19 credits of coursework; no change to 120 total credits for degree, changing catalog language and curriculum map to reflect the newly approved General Education Program.

Appended pages:
1. BSPS Curriculum-Course Summary
2. Proposed BSPS Advising Sheets (curriculum map; for new students effective Fall 2016)
3. Proposed PharmD Advising Sheets (curriculum map; for new students effective Fall 2016)
4. Final Catalog Language [includes revisions to BSPS and PharmD]
5. Catalog Language showing revisions marked in blue (additions) and red strikethrough (deletions) [includes revisions to BSPS and PharmD]

Rationale:

BSPS Changes:

The BS Pharmaceutical Sciences degree program was approved by the Faculty Senate in March, 2009. Our first recruited freshman class from Fall 2010 graduated in May 2014 (19 graduates). Prior to 2014, we had a total of 12 students complete the degree, all of whom transferred into the upper levels of the program from other degree programs. We had an additional 32 graduates in May 2015. During the full-implementation process of the program we determined a number of modifications to the original approved program were necessary and beneficial and request these changes as described in this Notice of Change.

In the requested revision, nine credits were *substituted* during the freshman & sophomore curriculum. Notably, the physics requirement (PHY111,185, General Physics I, 4 cr) are being removed as faculty have determined that the content of this first of a two-semester sequence was not essential as a pre-requisite for the upper-level BSPS curriculum. Three of these 4 credits were replaced by including MTH111 Pre-calculus (3 cr) as a specific required course for those not fulfilling criteria for placement into MTH131 Calculus directly from high school. Students placing directly into MTH131 have 3 cr of free electives to replace MTH111. The 4th credit was filled by a new required course, BPS250 (1 cr) Professional Development and Careers in Pharmaceutical Science. This course was developed to ensure that students recognize early the multiple career opportunities afforded by the degree ad assist students in developing a sequence of elective courses and/or internships targeted towards their career aspirations within the pharmaceutical field.

The remaining credits changed during freshman and sophomore curriculum simply adjusted for changes made by the host departments in course coding: General Biology I and lab now listed as separate courses, BIO101 (3) and BIO 103 (1); STA308 now listed with 1 additional credit for the recitation now required by the statistics department. In addition, the degree requirements were modified to include language previously approved by faculty senate for the new General Education Program.

In the requested revision, ten-credits of course *substitutions* were made to the junior and senior curriculum. We removed BPS311 (2), BPS321 (2), PHP580 (3) and BPS587 (3) from the major. We added to the major the new courses BPS345 (3), BPS401 (3), BPS402 (3), BPS446 (3) and BPS460 (3). [Note: BPS345x and BPS446x are in the process of conversion to permanent courses. BPS460 is in the process of new course approval.] The new courses were designed specifically for the BSPS program to replace 500-level graduate courses (PHP580, BPS587), to replace courses in the PharmD curriculum (BPS311, BPS321), and to further strengthen the curriculum offerings in BSPS.

Lastly, we removed the language for the four named specializations because many of these courses were obsolete and not currently being taught. The specializations were replaced with a two-tiered plan, Required Core Courses in the Major (23 credits) and Additional Courses in the Major (Professional Electives, 24 credits). To maintain student choice, we added language allowing

substitution of up to a maximum of 12 credits of the Professional Electives. List of approved alternative courses will be maintained by the College of Pharmacy Associate Dean for Academic Affairs with consultation of the Chair of BPS Department and BSPS Program Coordinator so that the list can be updated regularly to reflect new and obsolete courses.

PharmD Changes:

The degree requirements were modified to include language previously approved by faculty senate for the new General Education Program. Other minor changes were made for editorial consistency.

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

Please see appended pages.

6. Signature of the President

David M. Dooley

Additional Approvals:

Date: 04-04-2016

Bingfang Yan,
Chair, Department of Biomedical and Pharmaceutical Sciences

Date: 4/5/2016

Marilyn Barbour,
Chair, Department of Pharmacy Practice

Date: 4/5/2016

Rita Marcoux,
Chair, College of Pharmacy Curriculum Committee

Brian Quilliam,
Associate Dean, College of Pharmacy

Date: 4/4/2016

BS in Pharmaceutical Science (BSPS) degree program
University of Rhode Island
Course Summary

Required Pre-requisites (54 credits)

General Biology I with lab	*BIO101 (3), BIO103 (1)
General Chemistry I, General Chemistry Lab I	*CHM101 (3), CHM102 (1)
Pre-calculus	MTH111 (3)
General Chemistry II, General Chemistry Lab II	CHM112 (3), CHM114 (1)
Human Anatomy with lab	BIO121 (4)
Applied Calculus I	*MTH131 (3)
Medical Microbiology with lab	MIC201 (4)
Organic Chemistry I & II, Organic Chemistry Lab	CHM227 (3), CHM228 (3), CHM226(2)
Human Physiology (lab is not required)	BIO242 (3)
Introductory Statistics	STA308 (4)
Introductory Biochemistry	BCH311 (3)
Communications, Writing, URI 101	*COM100 (3), *WRT106 (3), URI101 (1)
Microeconomics	*ECN201 (3)

Completion of University General Education (40 credits)

Required Core Courses in the Major (23 credits)

Professional Development and Careers in Pharmaceutical Sciences	BPS250 (1)
Dosage Forms I, II, III	BPS301, 303, & 305 (6)
Introduction to Medicinal Chemistry	BPS313 (2)
Drug Metabolism and Bioanalysis	BPS325 (2)
Pharmaceutical Pharmacology I	BPS401 (3)
Pharmaceutical Pharmacology II	BPS402 (3)
Formulation and Manufacturing Lab	BPS443 (2)
Medicinal Chemistry & Molecular Biology Lab	BPS451 (4)

Additional Courses in the Major (Professional Electives) (24 credits)
The following 25 credits are recommended for most students. However, individual students may **substitute** up to a maximum of 12 credits of the following 25 credits with approved alternative courses. List of approved alternative courses will be maintained by the College of Pharmacy Associate Dean for Academic Affairs with consultation of the Chair of BPS Department and BSPS Program Coordinator.

Introduction to Pharmaceutical Research	BPS345 (3)
Good Manufacturing Practices (GMP)	BPS425 (3)
Pharmacogenomics and Pharmacogenetics	BPS442 (3)
Natural Products Drugs	BPS445 (3)
Biotechnology, Biologics, and Biosimilars	BPS446 (3)
Internship in Pharmaceutical Sciences	BPS460 (3)
Special Problems in BPS (Independent Study)	BPS497/498 (4)
Pharmacokinetics for Scientists	BPS503 (3)

General Education Requirements

All students enrolled in the Doctor of Pharmacy Program and the Bachelors of Science in Pharmaceutical Sciences Program are required to meet the University requirements for general education. General education consists of 40 credits. Each of the twelve outcomes (A1-D1) must be met by at least 3 credits. A single course may meet more than one outcome, but cannot be double counted towards the 40-credit total. At least one course must be a Grand Challenge (G designation). No more than twelve credits used to meet general education may be from the same course code, with the exception of honors HPR courses, which may have more than 12 credits. General education courses may also be used to meet requirements of the major or minor when appropriate.

General Education encompasses the following four key objectives (A-D), met by the following twelve outcomes:

A-Build **knowledge** of diverse peoples and cultures and of the natural and physical world through the following four outcomes:

A1 - Understand and apply theories and methods of the **science, technology, engineering, and mathematical (STEM) disciplines**
A2 - Understand theories and methods of the **social and behavioral sciences**
A3 - Understand the context and significance of the **humanities** using theoretical, historical, and experiential perspectives
A4- Understand the context and significance of **arts and design**

B-Develop intellectual and interdisciplinary **competencies** for academic and lifelong learning through the following four outcomes:

B1 - Write effective and precise texts that fulfill their communicative purposes and address various audiences
B2- Communicate effectively via listening, delivering oral presentations, and actively participating in group work
B3 - Apply the appropriate **mathematical, statistical, or computational strategies** to problem solving
B4 Develop **information literacy** to independently research complex issues

C-Exercise individual and social **responsibilities** through the following three outcomes:

C1- Develop and engage in **civic knowledge and responsibilities**
C2- Develop and exercise **global responsibilities**
C3- Develop and exercise **diversity and inclusion responsibilities**

D-Integrate and apply abilities and capacities developed under each of the 3 above areas, adapting them to new settings, questions, and responsibilities

D1 Demonstrate the ability to synthesize multiple knowledge perspectives, competencies and responsibilities

G-Grand Challenge – Exploration of multiple perspectives of areas of contemporary significance, including their ethical implications

G- At least one course must have the "G" designation for Grand Challenge

Six-year Entry Level Pharm.D. Curriculum Requirements

Six-year Entry Level Pharm.D. Curriculum Requirements. A total of 203 credits is required for graduation. Proficiency in American Red Cross standard first aid~~,~~ and community CPR~~, and physical assessment (PHP 900) is~~ are also expected of each student prior to initiating advanced pharmacy practice experiences.

Experiential Rotations. Introductory and advanced pharmacy practice experiential rotations may be scheduled at a distance from the Kingston campus. These rotations contribute importantly to the depth and breadth of the experiential program. While the college makes every effort to accommodate student requests regarding rotations, students should anticipate having some rotations assigned at a distance. For these rotations, students are responsible for their costs of transportation and housing if needed.

Criminal Background Checks. All students must undergo a criminal background check annually during the professional (P1 to P4) years of the program using the College's approved vendor. The criminal background check must be completed prior to the fall semester of each professional year and before any Introductory Pharmacy Practice Experience (IPPE) is initiated. Many hospitals, clinical facilities, and other professional sites that participate in both the IPPE and advanced pharmacy practice experience (APPE) programs require certification that students have a clear criminal record (or a criminal record which, due to the timing or nature of the criminal behavior, or the relevant circumstances, does not, in the judgment of the site preclude the student's

participation in the practicum experience at their site) prior to initiating pharmacy practice experiences. Students with criminal records, therefore, should be aware that their criminal record may preclude their participation in clinical experiences at some sites, and as a result, their progression to meet the degree requirements may be impeded.

Drug Testing. Many hospitals, clinical facilities, and other professional sites that participate in both the introductory practice experiences (IPPE) and advanced practice experiences (APPE) require students to undergo a drug test. Students who test positive for an illegal drug will be denied positions at these sites. As a result, their progression to meet the degree requirements will be impeded.

Intern License Requirement. Registration as an intern pharmacist is a requirement of the program; therefore all students in the professional PharmD program must hold a valid Rhode Island intern license when they enter the fall semester of their first professional year and before any Introductory Pharmacy Practice Experience (IPPE) is initiated. The Rhode Island intern license must be maintained throughout the professional program (P1 to P4 years). Students completing IPPE or APPE experiences in other states must obtain an intern license through the board of pharmacy of the state(s) in which they have those practice experiences. Intern licensure in Massachusetts is recommended for all students, but not required.

To be eligible for an intern license, students must be currently enrolled in a pharmacy program. Intern licenses must be returned to the board if a student withdraws or takes a leave of absence from the college.

Applications for an intern license also normally require the applicant to disclose, and provide an explanation of, any criminal conviction (or any plea or other form of admission or acceptance of responsibility for criminal conduct, including driving under the influence), as well as any state disciplinary action involving or affecting the applicant's license to practice, any other pending state charges or investigations relating to the applicant, and any adverse proceeding or action relating to the applicant's membership in a professional society.

Pharm.D. Pre-professional Curriculum

First Year First semester: 15-16 credits CHM 101 (3), 102 (1); COM 100 or WRT 106 (3); BIO 101/103 (4); one ~~3-credit elective~~ general education course (3-4) or PHL 212 (3); and URI 101 (1).

Second semester: 17-18 credits CHM 112 (3), 114 (1); MTH 131 (3); COM 100 or WRT 106 (3); BIO 121 (4), and one ~~3-credit elective~~ general education course (3-4) or PHL 212 (3).

Second Year First semester: 17-18 credits CHM 227 (3); ECN 201 (3); ~~MIC~~ CMB 201 (4); BIO 242 (3), 244 (1), and one ~~3-credit elective~~ general education course (3-4).

Second semester: 17-18 credits ~~BCH~~ CMB 311 (3); CHM 228 (3), 226 (2); STA 307 (3), and ~~6 credits of electives~~ two general education courses (6-7).

Professional Curriculum

First Professional Year (P1)

First semester: 16 credits

PHP/BPS 311 (2); BPS 301 (2), 303 (2), 305 (2), 313 (2), 318 (1), 321 (2); PHP 317 (3).

Second semester: 18 credits

PHP/BPS 310 (2); BPS 325 (2), 334 (2); PHP 305 (3), 316 (3), 332 (3), 340 (1); PHC 316 (1), 327 (1)*.

Second Professional Year (P2) First semester: 15 credits

PHP/BPS 409 (2), 418 (3); BPS 421 (2); PHP 401 (3), 413 (3), 450 (0); PHC 415 (1), 417 (1)*.

Second semester: 17 credits

PHP/BPS 412 (2); BPS 432 (2), 403 (3); PHP 424 (2), 451 (0); NFS 444 (3); one professional elective (3); PHC 416 (1), 427 (1)* .

Third Professional Year (P3)

First semester: 16 credits

PHP/BPS 410 (2); BPS 422 (2), 504 (3); PHP 414 (3); one professional elective (3); PHC 515 (2), 517 (1)*.

Second semester: 16 credits

PHP/BPS 526 (2); BPS 521 (3); PHP 504 (3), 513 (2); one professional elective (3); PHC 516 (2), 527 (1)*.

Fourth Professional Year (P4)

Combined summer, first, and second semester: 36 credits

To complete the curriculum, students must complete six 6-week advanced pharmacy practice experiences in community (PHP 591), ambulatory care (PHP 595), inpatient (PHP 592), institutional (PHP 594), and two different elective areas (PHP 593) for a total of 36 credits. The rotations will take place over summer, fall, and spring semesters in any order and are all capstone requirements in the program.

* Interactive learning courses and integrated laboratory courses will be shared by PHP and BPS under the code of PHC.

Doctor of Pharmacy Professional Electives

Doctor of Pharmacy Professional Electives. As part of the College's professional curriculum, students must complete three courses (minimum of 3 credits each) to improve their knowledge and understanding in a variety of practice areas. Students must complete a minimum of two of the three courses within the College of Pharmacy (BPS, PHC or PHP designation at the 300 level or higher; excluding BPS 497, BPS 498, PHP 497, and PHP 498). Students may use a 3-credit independent study (BPS 497, BPS 498, PHP 497 or PHP 498) or an approved course outside of the college for their third required elective. All requests for non-approved courses as professional electives must be reviewed and approved by the Associate Dean for Student and Academic Affairs.

Students desiring to expand their understanding in biomedical, pharmaceutical, and pharmacy research may select professional electives that focus learning on the theory and practice of laboratory research techniques, the evaluation and quantification of results, and on the understanding and interpreting of scientific literature. They will develop skills for oral and written communication of hypotheses, methods, and interpretations, and will carry out basic scientific research in one of the following four areas of specialization: medicinal chemistry and pharmacognosy, pharmaceutics and pharmacokinetics, pharmacoepidemiology and pharmacoeconomics, or pharmacology and toxicology. Students focusing their elective professional courses in this manner may also be able to apply and work toward an M.S. degree with a focus in one of the following areas:

Medicinal Chemistry and Pharmacognosy: Molecular mechanisms of chemical carcinogenesis; combinatorial chemistry; solid-phase peptide synthesis; screening, isolation, and structure elucidation of physiologically-active natural products; biosynthesis of microbial and plant natural products; herbal medicine.

Pharmaceutics and Pharmacokinetics: Design, development, production, evaluation, and regulatory approval of pharmaceutical and self care products as well as pharmacokinetic and pharmacodynamic studies using virtual, clinical, and preclinical data, often with an emphasis on population approaches.

Pharmacoepidemiology and Pharmacoeconomics: Health and economic outcomes research pertaining to pharmacotherapy as used in human populations. Specializations include medication adherence, decision and cost-effectiveness analyses, post-marketing surveillance, epidemiologic methods, and quality improvement and measurement.

Pharmacology and Toxicology: Research projects explore the mechanisms involved in various disease states and their pharmacological intervention, and mechanisms of toxicity of various environmental agents. Ongoing topics include the effects of hormonal imbalances and antihypertensive agents on cardiac function and metabolism in hypertension, diagnosis and treatment of arthritis, effect of septic shock on drug metabolism, developmental neurotoxicity of environmental agents, hepatoxicity and nephrotoxicity of heavy metals, interindividual variation in metabolism of heterocyclic amine carcinogens, regulation and genetic heterogeneity of enzymes involved in drug and xenobiotic metabolism, calcium- and non-calcium mediated pathways of cell death, and the development of inhibitors to cell signaling events.

Pharmacy and French

Pharmacy and French. Qualified students can graduate in six years with both a Pharm.D. degree and a B.A. degree in French. It is recommended that students wishing to double major come to URI with four years of high school French and advanced placement credits.

B.S. in Pharmaceutical Sciences (B.S.P.S.)

The four-year program offers students a solid foundation in the basic sciences, broad exposure to the liberal arts, and expertise ~~in one of several areas of specialization~~ within the pharmaceutical and biomedical sciences. It is designed to provide educational and training experiences that prepare students for careers in the pharmaceutical, consumer product, and health care industries. Graduates of the B.S.P.S. program will be qualified to seek a diverse range of career options that include: research and development, manufacturing, product marketing, sales, testing, and administrative positions within the pharmaceutical industry; research and regulatory oversight careers within government agencies; and research and teaching positions in academia. As a prelude to many of these career opportunities, the program prepares students for graduate studies in the expanding fields of pharmaceutical and biomedical sciences.

~~The first two years of the program include rigorous basic science requirements plus a broad exposure to the humanities, arts, and social sciences.~~ The science component of the curriculum is consistent with the admission requirements of ~~most~~ many basic science graduate programs and professional schools. Pharmaceutical Sciences ~~C~~courses offered in the third and fourth year will be drawn primarily from our existing curriculum, and will be taught by Department of Biomedical and Pharmaceutical Sciences (BPS) and Department of Pharmacy Practice (PHP) faculty. They provide solid, fundamental training in the pharmaceutical sciences. ~~The fourth-year curriculum also includes BPS~~

~~course offerings and selected electives from other departments on campus, such as the basic sciences and business. Students may also elect to obtain course credits for laboratory research performed under the guidance of a faculty mentor. These fourth-year offerings will present students with the opportunity, under the supervision of the B.S.P.S. program advisor,~~ Students have the option to tailor their academic program to prepare them for the specific career paths that they choose by substituting up to 12 credits of BSPS courses with pre-approved Professional Electives. The Associate Dean in consultation with the BPS Department Chair and the BSPS Program Coordinator will maintain a list of approved Professional Electives so that the list can be updated regularly to reflect new and obsolete courses. The ~~120-credit requirement for graduation~~ four-year curriculum provides education and training comparable to that offered by similar B.S.P.S. programs, and conforms to University credit requirements for four-year degree programs.

B.S.P.S. Curriculum Requirements.

B.S.P.S. Curriculum Requirements. A total of 120 credits is required for graduation. The curriculum ~~contains four~~ can be described in three distinct components. The first component consists of ~~35~~ 40 credits of general education requirements ~~that will provide broad exposure to the humanities, arts, and social sciences~~. The second component consists of ~~41 credits of basic~~ science and mathematics pre-requisite courses that will deliver a firm foundation in the life and physical sciences, and satisfy admission requirement for ~~most~~ many basic science graduate programs and professional schools. The third component is the B.S.P.S. ~~core requirement, consisting of 38 credits of new and existing BPS/PHP courses,~~ upper level courses and labs in the Major ~~which will~~ offering students a strong, basic, and applied understanding of the pharmaceutical and biomedical sciences. Within the third component, students have the option to tailor their academic program by substituting up to 12 credits of B.S.P.S courses with pre-approved Professional Electives. ~~The fourth component of 6 credits, comprising B.S.P.S. electives, is drawn from upper level B.S.P.S. courses and selected electives from other programs on campus, particularly those from the basic sciences and business.~~ These courses allow our students to tailor a program of study to suit their specific career goals.

~~Freshman~~ First Year First semester: 15-16 credits

CHM 101 (3), 102 (1); BIO 101/103 (4); COM 100 (3); URI 101 (1); MTH 111 (3) or general education ~~elective~~ course (3-4).

Second semester: 14 ~~or~~ 15 credits

CHM 112 (3), 114 (1); BIO 121 (4); MTH 131 (3) or 141 (4); WRT 106 (3).

~~Sophomore~~ Second Year First Semester: 17-18 credits

BPS 250 (1); CHM 227 (3); ~~MIC~~ CMB 201 (4); BIO 242 (3); ~~PHY 111 (3), 185 (1);~~ ECN 201 (3); and one general education course (3-4).

Second semester: 17 credits

CHM ~~226 (2),~~ 228 (3); ~~BCH~~ CMB 311 (3); STA 307 or 308 (~~34~~),; CHM 226 (2) and one general education ~~electives~~ course OR two general education courses (~~6~~5-7)

~~Junior~~ Third Year First semester: ~~15~~ 14-17 credits

BPS 301/303/305 (6); ~~311 (2);~~ 313 (2); ~~321 (2)~~ 401 (3); CHM 226 (2); ~~B.S.P.S. or~~ one general education ~~elective~~ course (3-4)

Second semester: ~~13~~ 16 credits

BPS 325 (2),; 402 (3); 425(3); 443 (2)~~, 445 (3)~~; 498 (3); one general education ~~electives~~ course (~~6~~3-4)

Fourth Year First semester: 16-17 credits

BPS 345 (3); 442 (3); 451 (4); 503 (3); one general education course (3-4)

Second semester: 12-17 credits

BPS 445 (3); 446 (3); 460 (3); one to two general education courses (3-8)

~~Pharmaceutics Specialization Senior Year First semester: 15 credits~~

~~BPS 425 (3), 487/587 (3), 503 (3); PHP 580 (3); CHM 522 (3)~~

~~Second semester: 13 credits~~

~~BPS 405 (3), 442 (3), 451 (4); B.S.P.S. or general education elective (3)~~

~~Natural Products Specialization Senior Year First semester: 15 credits~~

~~BPS 425 (3), 487/587 (3), 503 (3); PHP 580 (3); CHM 551 (3)~~

~~Second semester: 13 credits~~

~~BPS 442 (3), 451 (4), 535 (3); B.S.P.S. or general education elective (3)~~

~~Cosmetic Specialization Senior Year First semester: 15 credits~~

~~BPS 425 (3), 487/587 (3), 503 (3), 530 (3); PHP 580 (3)~~

~~Second semester: 13 credits~~

~~BPS 442 (3), 451 (4), 560 (3); B.S.P.S. or general education elective (3)~~

~~Pharmacology/Toxicology Specialization Senior Year First semester: 15 credits~~

~~BPS 425 (3), 487/587 (3), 503 (3), 551 (3); PHP 580 (3)~~

~~Second semester: 13 credits~~

~~BPS 442 (3), 451 (4), 533 (3); B.S.P.S. or general education elective (3)~~

Pharmaceutical Sciences-BS **THE UNIVERSITY OF RHODE ISLAND** FALL 16-SPRING 17
120 Credits Total

ABOUT THE PHARMACEUTICAL SCIENCE BS DEGREE:

The Bachelor of Science in Pharmaceutical Sciences prepares you for careers in the pharmaceutical, consumer products, and healthcare industries. As B.S.P.S. graduate you will be qualified for a range of career options, including research and development, manufacturing, product marketing, and administrative positions within the pharmaceutical industry, as well as careers in research and regulatory oversight within government agencies.

GENERAL EDUCATION GUIDELINES: General education is 40 credits. Each of the twelve outcomes (A1-D1) must be met by at least 3 credits. A single course may meet more than one outcome, but cannot be double counted towards the 40 credit total. At least one course must be a Grand Challenge (G). No more than twelve credits can have the same course code (note- HPR courses may have more than 12 credits). General education courses may also be used to meet requirements of the major or minor when appropriate.

General Education Credit Count				
At least 40 cr., no more than 12 credits with the same course code.				
Course	**Cr.**		**Course**	**Cr.**
			Total Gen Ed credits	≥40

General Education Outcome Audit	
	Course
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 responsibilities	
C3. Diversity and inclusion	
INTEGRATE & APPLY	
D1. Ability to synthesize	
GRAND CHALLENGE	
G. Check that at least one course of your 40 credits is an approved "G" course	

SEE OPPOSITE SIDE FOR SPECIFIC PROGRAM REQUIREMENTS.

Note to all students This worksheet is a snapshot of your entire curriculum. You must work with your advisor each term to discuss requirements to keep you on course for timely progress to complete this major. Official requirements for graduation are listed in the University Catalog.

Pharmaceutical Sciences-BS **THE UNIVERSITY OF RHODE ISLAND** FALL 16-SPRING 17
120 Credits Total

Basic Non-Science Requirements (these courses also fulfill general education requirements)	**Course**	**Grade**	**Cr.**
Careers in Pharmaceutical Science	BPS 250		1
Communication	COM 100*		3
Microeconomics	ECN 201*		3
Research Writing	WRT 106*		3
Introduction to URI	URI 101		1

Basic Science /Math Requirements	**Course**	**Grade**	**Cr.**
General Chemistry I	CHM 101*		3
General Chemistry I Lab	CHM 102		1
General Chemistry II	CHM 112		3
General Chemistry II Lab	CHM 114		1
Organic Chemistry Lab	CHM 226		2
Organic Chemistry I	CHM 227		3
Organic Chemistry II	CHM 228		3
General Biology	BIO 101*		3
General Biology Lab	BIO 103		1
Anatomy	BIO 121		4
Physiology	BIO 242		3
Microbiology	CMB 201		4
Biochemistry	CMB 311		3
Biostatistics	STA 308		4
Calculus	MTH 131 or 141*		3

* Course approved for General Education

Major Requirements			
3rd Year- 1st Semester	**Course**	**Grade**	**Cr.**
Dosage I	BPS 301		2
Dosage II	BPS 303		2
Dosage III	BPS 305		2
Medicinal Chemistry	BPS 313		2
Pharmacology I	BPS 401		3
General Education Course	Record on Page 1		3-4
General Education Course (optional)	Record on Page 1		3-4
3rd Year-2nd Semester			
Drug Metabolism	BPS 325		2
Pharmacology II	BPS 402		3
cGMP Processes	BPS 425		3
Formulations and Manufacturing Lab	BPS 443		2
Independent Study	BPS 498		3
General Education Course	Record on Page 1		3-4
4th Year- 1st Semester			
Intro to Pharmaceutical Research	BPS 345		3
Pharmacogenetics/genomics	BPS 442		3
Techniques Lab	BPS 451		4
Pharmacokinetics	BPS 503		3
General Education Course	Record on Page 1		3-4
4th Year- 2nd Semester			
Natural Products/Biotechnological Drugs	BPS 445		3
Biotech/Biologics/Biosimilars	BPS 446		3
Pharmaceutical Sciences Internship	BPS 460		3
General Education Course	Record on Page 1		3-4
General Education Course (optional)	Record on Page 1		3-4

Approved Major Course Substitutions (Max 12 credits)			
Required Course Code	**Substituted Course Code**	**Grade**	**Cr.**

** Students have the option to tailor their academic program to prepare them for the specific career paths that they choose by substituting up to 12 credits of BSPS courses with pre-approved Professional Electives.

Doctor of Pharmacy **THE UNIVERSITY OF RHODE ISLAND** FALL 2016-SPRING 2017
202 Credits Total

GENERAL EDUCATION GUIDELINES: General education is 40 credits. Each of the twelve outcomes (A1-D1) must be met by at least 3 credits. A single course may meet more than one outcome, but cannot be double counted towards the 40 credit total. At least one course must be a Grand Challenge (G). No more than twelve credits can have the same course code (note- HPR courses may have more than 12 credits). General education courses may also be used to meet requirements of the major or minor when appropriate.

General Education Credit Count				
At least 40 cr., no more than 12 credits with the same course code.				
Course	**Cr.**		**Course**	**Cr.**
			Total Gen Ed credits	≥40

General Education Outcome Audit	
	Course
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 responsibilities	
C3. Diversity and inclusion	
INTEGRATE & APPLY	
D1. Ability to synthesize	
GRAND CHALLENGE	
G. Check that at least one course of your 40 credits is an approved "G" course	

SEE OPPOSITE SIDE FOR SPECIFIC PROGRAM REQUIREMENTS.

Note to all students This worksheet is a snapshot of your entire curriculum. You must also complete remaining degree requirements to meet University requirements (GenEd, supporting electives, and free electives). You must work with your advisor each term to discuss requirements to keep you on course for timely progress to complete this major. Official requirements for graduation are listed in the University Catalog.

ABOUT THE DOCTOR OF PHARMACY PROGRAM:

The Doctor of Pharmacy curriculum is a 'zero to six' program, which means you begin as a freshman and complete the program in six years, graduating with a Doctor of Pharmacy degree. The program stresses critical thinking, active learning and clinical experience to prepare you for practice in a variety of professional settings.

Basic Non-Science Requirements (these courses also fulfill general education requirements)	**Course**	**Grade**	**Cr.**

Professional Requirements

Doctor of Pharmacy **THE UNIVERSITY OF RHODE ISLAND** FALL 2016-SPRING 2017
202 Credits Total

P1 First Semester	Course	Grade	Cr.
Dosage I	BPS 301		2
Dosage II	BPS 303		2
Dosage III	BPS 305		2
Foundations I	BPS/PHP 311		2
Medicinal Chemistry	BPS 313		2
Pharm. Tech. Lab	BPS 318		1
Pharmacology	BPS 321		2
Pharm. Practice in Healthcare	PHP 317		3
P1 Second Semester			
Foundations II	BPS/PHP 310		2
Drug Metabolism	BPS 325		2
Pharmacology	BPS 334		2
Integrated Lab I	PHC 316		1
Interactive Learning IAL	PHC 327		1
Drug Information	PHP 305*		3
Pharmacy Law and Ethics	PHP 316*		3
Therapeutics	PHP 332		3
PHP Experience IPPE I	PHP 340 or 350		1

P2 First Semester			
Pharmacology	BPS 421		2
Integrated lab II	PHC 415		1
Interactive Learning IAL	PHC 417		1
Pharmacy Resource	PHP 401		3
Foundations III	PHP/ BPS409		2
Self-Care I	PHP/ BPS 418		3
Therapeutics	PHP 413		3
IPPE II	PHP 450 or 451(1)		2
P2 Second Semester			
Pharmacokinetics I	BPS 403		3
Pharmacology	BPS 432		2
Foundations IV	BPS/PHP 412		2
Nutrition in Health	NFS 444		3
Integrated lab III	PHC 416		1
Interactive Learning IAL	PHC 427		1
Therapeutics	PHP 424		2
Professional Elective			3

You will take either 340 or 350 during the P1 second semester or the P2 first semester.

Doctor of Pharmacy **THE UNIVERSITY OF RHODE ISLAND** FALL 2016-SPRING 2017
202 Credits Total

Professional Requirements			
P3 First Semester	**Course**	**Grade**	**Cr.**
Foundations V	BPS/PHP 410		2
Pharmacology	BPS 422		2
Pharmacokinetics II	BPS 504		3
Integrated lab IV	PHC 515		2
Interactive Learning IAL	PHC 517		1
Therapeutics	PHP 414		3
IPPE III	PHP 451		1
Professional Elective			3
P3 Second Semester			
Pharmacology	BPS 521		3
Foundations V	BPS/PHP 526		2
Integrated lab V	PHC 516		2
IAL	PHC 527		1
Health Systems	PHP 504		3
Therapeutics	PHP 513		2
Professional Elective			3
P4 First Semester			
* Rotations	PHP		6
Rotations	PHP		6
Rotations	PHP		6
P4 Second Semester			
Rotations	PHP		6
Rotations	PHP		6
Rotations	PHP		6
CPR Certification *			1
Total Graduation Credits			202
Must be CPR certified			

* Indicates requirements that also count as General Education Courses