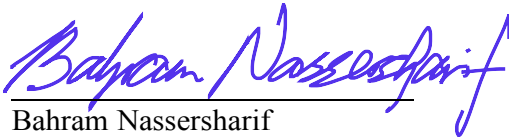


Serial Number #19-20-28B

TO: President David Dooley
FROM: Bahram Nassersharif, Chairperson of the Faculty Senate

1. The attached BILL titled, the Curriculum and Standards Committee Report #2019-20-10: Curricular Proposals, is forwarded for your consideration.
2. This BILL was adopted by vote of the Faculty Senate on April 16, 2020.
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 7, 2020 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.



Bahram Nassersharif
Chairperson of the Faculty Senate

April 16, 2020

ENDORSEMENT

TO: Chairperson of the Faculty Senate

FROM: President of the University

- a. Approved X
- b. Approved with Notification to the University of Rhode Island Board of Trustees ____.
- c. Disapproved ____.



Signature of the President

April 30, 2020
(date)

UNIVERSITY OF RHODE ISLAND FACULTY SENATE April 16, 2020

Faculty Senate Curriculum and Standards Committee Report 2019-2020-10

At the March 26, 2020 meeting of the Curriculum and Standards Committee and by electronic communication, the following matters were considered and are now presented to the Faculty Senate.

SECTION II Curricular Matters Which Require Confirmation by the Faculty Senate

PROGRAM CHANGES (13)

COLLEGE OF ENGINEERING:

(Contact: Jared Abdirkin)

Biomedical, Chemical, Computer, Civil, Electrical, Industrial and Systems, Mechanical, and Ocean Engineering in coordination with the International Engineering Program (IEP)

Add an “International Engineering Program-Japanese Option” sub-plan to the records of students pursuing the Japanese language as part of the International Engineering program when they are also declared as a Global Language and Area Studies Major-Japanese track.

(See Appendix A)

Mechanical, Industrial & Systems Engineering

(Contact: Jared Abdirkin)

The College Business is changing course codes for BUS 320, 355, & 365, respectively, to 220, 255, & 265. Therefore, given these courses are no longer “300” level or higher, these 3 courses are no longer permitted as professional electives for ISE undergraduates

(See Appendix B)

COLLEGE OF ARTS AND SCIENCES:

BA - Public Relations major:

(Contact: Norbert Mundorf)

The current Notice proposes to replace the existing practice of individualized admission to the B.A. in Public Relations program with standardized admission based on GPA and Prerequisites. Students are expected to have a GPA of 2.5 or better. Also, successful completion of COM100 and PRS100 are prerequisites.

(See Appendix C)

BA - Sport Media and Communication major

(Contact: Norbert Mundorf)

Changing required course in sports media from JOR 220 to SMC 220. Add SCM 477 as an internship option. This is an addendum to the new course proposals.

(See Appendix D)

Department of Music:**BM - Voice Performance****(Contact: Audrey Cardany)**

The curriculum for the BOM Music, Voice performance subplan has not been significantly updated or revised for over 20 years. The Department is proposing changes in the subplan to reflect 21st century skills and competencies needed for career paths in vocal performance. We believe this proposal to be a much stronger and vibrant curriculum for our students.

(See Appendix E)**INTERDISCIPLINARY:****Sustainability Minor:****(Contact: Valerie Maier Sperdelozzi)**

Adding newer courses for inclusion in Sustainability Minor which were requested by the instructors, updating course numbers where errors existed, adding “G” for grand challenge designation on several courses, and deleting courses that no longer exist.

(See Appendix F)**COLLEGE OF HUMAN SCIENCES:****Human Development and Family Studies:****(Contact: Brian Quilliam)****BS Human Development and Family Studies major****(See Appendix G)**

1. Department Name Change
2. Changes to admission requirements
3. Curricular Changes: Internship sequence; adding HDF 357; change concentration names

Health Studies:**(Contact: Brian Quilliam)****BS Health Studies major**

Correct HLT 100 to HLG 100G; add NFS 212G as an option to Health Promotion specialization; add NFS 524 as an option to Global Health specialization.

(See Appendix H)**Kinesiology:****(Contact: Brian Quilliam)****BS Kinesiology major**

The Kinesiology Department is seeking the following change to our curriculum:

- 1) Removal of KIN 278 from the core requirements, to be replaced with an additional professional elective

KIN 278 is a course that was taught by a faculty member who is no longer housed in Kinesiology, and will not be offered going forward. As a replacement, students should complete one of the classes listed in the professional electives in the Applied Exercise science track: KIN 243, KIN 375G, 401, 414, NFS 360, PSY 255, or another KIN course. Applied students are already required to choose 2 of these in their track, so they would take a third course, while pre-professional students would only need to choose one to replace the credits from KIN 278.

(See Appendix I)**COLLEGE OF ENVIRONMENT AND LIFE SCIENCES:****(Contact: Rebecca Brown)****BS - Cell and Molecular Biology - Microbiology Option**

This change is to update the catalog description for the CMB degree—Microbiology Option. CMB 422, listed as a professional elective, is a course that no longer exists.

(See Appendix J)

BS - Cell and Molecular Biology - Biochemistry Option

This change is to update the catalog description for the CMB degree – Biochemistry Option. Both CMB 312 and CMB 412 are Biochemistry laboratory courses. We now require those in the Biochemistry Option to take the more advanced laboratory (CMB 412). Other minor changes to the professional electives are indicated below. **(See Appendix K)**

BS - Medical Laboratory Science

(See Appendix L)

The Medical Laboratory Science (MLS) undergraduate program, housed within the Department of Cell and Molecular Biology, is making the following modifications to the major curriculum:

- Remove CHM 226 (2 cr.), CHM 227 (3 cr.), CHM 228 (3 cr.) and CMB 432 (3 cr.) as required courses.
- Add CHM 124 (3 cr.), CHM 126 (1 cr.), CMB 352 (4 cr.), MLS 360 (3 cr.) and STA 307 or STA 308 (3 cr.) as required courses.
- Add a requirement for 6 credits of professional electives selected from the following courses: BIO 341 (3 cr.), CMB 320 (3 cr.), CMB 334 (3 cr.), CMB 432 (3 cr.), CMB 435 (3 cr.) and CMB 437 (3 cr.)

COLLEGE OF PHARMACY:

Doctor of Pharmacy Program:

(Contact: Kristina Ward)

The College of Pharmacy and the Curriculum Committee of the College have considered over the last several years, how best to update the PharmD program. Reasons for the changes include: 1) passage of new accreditation standards (ACPE Standards 2016 were released just after our last accreditation process in 2016. Our next accreditation process will take place in the Fall of 2023 and Spring of 2024), 2) update course material to reflect new disease treatments and, 3) adjust the curriculum to improve student success. In the Spring of 2019, the Faculty Senate approved our first phase of this process and we now complete curricular revision with this request for change. **(See Appendix M)**

Notice of Change form

**Notice of Change for: College of Engineering and the International Engineering Program (IEP)-
Japanese**

Date: February 10th, 2020

A. PROGRAM INFORMATION

1. Name of institution

University of Rhode Island

2. Name of department, division, school or college

Department: Biomedical, Chemical, Computer, Civil, Electrical, Industrial and Systems, Mechanical, and Ocean Engineering in coordination with the International Engineering Program (IEP)

College: College of Engineering

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

Initiation date: Fall 2020 - when fully approved

First degree date: December 2020 – December after fully approved

4. Intended location of the program

Kingston Campus

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

Add an “International Engineering Program-Japanese Option” sub-plan to the records of students pursuing the Japanese language as part of the International Engineering

program when they are also declared as a Global Language and Area Studies Major- Japanese track.

Successful completion of the Japanese IEP is achieved through conferral of a Bachelor of Science (BS) in any of the eight Engineering majors (Biomedical, Chemical, Civil, Computer, Electrical, Industrial and Systems, Mechanical, or Ocean), conferral of a Bachelor of Arts (BA) in the Global Language and Area Studies Major- Japanese track, and a year studying abroad in Japan. During that year, six months are spent in an institution of higher education and six months in an internship or research setting in Japan.

For over 30 years The University of Rhode Island's International Engineering Program (IEP) has provided an unparalleled experience for students looking to become truly global engineers. By combining the power of a strong engineering program, immersion in a foreign language and culture and a year abroad, the five-year program graduates students prepared for rewarding careers in a diverse array of fields around the world. Students do not learn a foreign language and engineering separately. Instead, students take engineering classes in a foreign language, live and intern abroad and participate in a wide array of cultural events. The close coordination between language and engineering subjects means students learn to apply their language skills to engineering and vice versa.

At this time, students in the other IEP programs (Chinese, French, German, Italian, and Spanish) all have the sub-plan noted on their transcripts. Adding a sub-plan for the students pursuing the GLAS major- Japanese track and a degree in Engineering, makes sense for the same reasons that the other sub-plans work to help identify students. If the student no longer wanted to be in the IEP, they would be prompted to drop the IEP sub plan through notification to the College of Engineering. The COE also conducts routine administrative reviews to confirm ongoing IEP involvement and appropriate transcript notation. This is the most effective way for students in the International Engineering Program to be identified, which will help us know statistical facts including what percentage of the College of Engineering enrolled.

Lastly, and perhaps most importantly, the sub-plan would provide official recognition for the student for pursuing and completing a unique program by mentioning the IEP on his/her transcript. This would also help explain to potential employers why an IEP student needs (at least) 5 years to complete their undergraduate studies.

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

- Adjust the language referring to the the International Engineering Program (IEP) under the “**Minors and Double Majors**” heading in the main section of the College of Engineering:

International Engineering Program (IEP). In conjunction with the College of Arts and Sciences, the COE offers a five-year program in which students earn two degrees: a Bachelor of Science (B.S.) in engineering and a Bachelor of Arts (B.A.) in a foreign language. The foreign languages currently offered by the IEP are Chinese, German, French, Italian, and Spanish. **Students can also study and declare Japanese via the Global Language and Area Studies – Japanese track major.** The five-year program includes a year studying abroad. The first semester abroad is spent at the IEP’s partner university taking engineering, language, and culture courses in the host language. The second six months abroad are spent in a paid professional internship working at an international engineering company or engaged in a research institute in Europe, Latin America, the Caribbean, or Asia. Upon graduation, students are well prepared to compete in the global marketplace and are highly sought after by employers both in the U.S. and abroad. Interested students should contact the IEP director at the Texas Instruments (TI) House on Upper College Road. The IEP has received several awards for excellence in international engineering education.

- Adjust the language in the section defining the **International Engineering Program (IEP)** option in the catalog for each College of Engineering major; Biomedical, Chemical, Computer, Civil, Electrical, Industrial and Systems, Mechanical, and Ocean:

International Engineering Program (IEP). In conjunction with the College of Arts and Sciences, the COE offers a five-year program in which students earn two degrees: a Bachelor of Science (B.S.) in engineering and a Bachelor of Arts (B.A.) in a foreign language. The foreign languages currently offered by the IEP are Chinese, German, French, Italian, and Spanish. **Students can also study and declare Japanese via the Global Language and Area Studies – Japanese track major.** The five-year program includes a year studying abroad. The first semester abroad is spent at the IEP’s partner university taking engineering, language, and culture courses in the host language. The second six months abroad are spent in a paid professional internship working at an international engineering company or engaged in a research institute in Europe, Latin America, the Caribbean, or Asia. Upon graduation, students are well prepared to compete in the global marketplace and are highly sought after by employers both in the U.S. and abroad. Interested students should contact the IEP director at the Texas Instruments (TI) House on Upper College

Road. The IEP has received several awards for excellence in international engineering education.

7. Signature of the President

A handwritten signature in black ink, appearing to read "David M. Dooley", written in a cursive style.

David M. Dooley

Notice of Change for requirements for graduation for BS in Industrial and Systems Engineering
Date: February 14, 2020

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 2020

First degree date: December 2020

4. Intended location of the program

Kingston campus

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

The College Business is changing course codes for BUS 320, 355, & 365, respectively, to 220, 255, & 265. Therefore, given these courses are no longer “300” level or higher, these 3 courses are no longer permitted as professional electives for ISE undergraduates.

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

Under the Industrial and Systems Engineering program-specific section of the catalog, adjust the language on approved “Professional Electives” options as follows:

Professional Electives: Must be satisfied by twelve (12) 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 428, 451, 452; CSC 320; MTH 381, 420, 451, 452; PHY 322, 381, 382; courses in professional practice; seminars); BUS ~~320~~, 341, 344, ~~355, 365~~, 420, 443, 444, 448, 449 450; ECN 323, 324, 327, 328, 344, 363, 368, 376; any 500-level STA courses (except STA 532); MBA 530, 550 (requires ISE/MBA 4+1 Admission); PSY 335, 384, 385, 434. *Note:* Only ISE 513 or STA 513 will be allowed – not both (these are cross-listed courses).

Signature of the President



David M. Dooley

Notice of Change for: Public Relations B.A.

Date: February 14, 2020

A. PROGRAM INFORMATION

1. Name of institution

University of Rhode Island

2. Name of department, division, school or college

Department: Communication Studies

College: A & S

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

Initiation date: July 1, 2020

First degree date: May 2022

4. Intended location of the program

Harrington School of Communication and Media

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

The current Notice proposes to replace the existing practice of individualized admission to the B.A. in Public Relations program with standardized admission based on GPA and Prerequisites. Students are expected to have a GPA of 2.5 or better. Also, successful completion of COM100 and PRS100 are prerequisites.

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

Students must complete the following courses before being accepted into the major: PRS 100: *Intro to Public Relations* and COM 100: *Fundamentals of Communication*. ~~Students apply to the public relations program in September of~~

~~each year.~~ The major requires an overall GPA of 2.50 and a 2.50 in the pre-major courses.

7. Signature of the President

A handwritten signature in black ink, appearing to read "David M. Dooley", written in a cursive style.

David M. Dooley

Notice of Change form

Notice of Change for: Sports Media and Communication

Date: February 7, 2020

A. PROGRAM INFORMATION

1. Name of institution

University of Rhode Island

2. Name of department, division, school or college

Department: Communication Studies
College: A&S

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

Initiation date: Fall 2020
First degree date: Spring 2022

4. Intended location of the program

Communication Studies program in sports media and communication

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

Changing required course in sports media from JOR 220 to SMC 220. Add SCM 477 as an internship option. This is an addendum to the new course proposals.

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

Attached

7. Signature of the President



David M. Dooley

Sports Media and Communication

Catalog Description (2020-2021)

In URI's ~~B.A.~~BA program in sports media and communication studies students gain critical and theoretical knowledge and practical experience in sports media, including, but not limited to, sports journalism, broadcasting, public relations, writing, communication, and sports data and analytics. Courses range from critical-cultural analysis to quantitative and critical-analytical studies of sports media and communication. Course work is coupled with practical and professional experience in various aspects of the sports media and communication industry via a required internship. The program allows students to tailor specializations for careers in the sports media and communication industry by providing recommended elective courses across three suggested sequences from a variety of programs in the Harrington School of Communication and Media. While students play an important role in curriculum planning, his or her program is closely supervised by an academic advisor.

Courses outside the program that relate to the student's needs and goals are encouraged. Students selecting this major may pursue sequences in sports culture, media and society, sports media production, or strategic sports communication and information.

Students must achieve a "C" or better in COM 100, have a 2.0 GPA, and 24 earned credits in order to transfer to the College of Arts and Sciences with a major in sports media and communication. The program requires a minimum of 30 credits (maximum 45) in the major, including COM 203, 204, 385, ~~JOR-SMC~~ 220, 325, PRS 360, and an approved 3 credit internship experience in COM, JOR, FLM, PRS, SMC 477 or ITR 302 (ITR internships require advisor approval). The remaining 9 credits can be selected from any of the approved electives, however students are encouraged to select courses from the following recommended sequences of electives in the following areas. *Sports culture, media and society*: COM 246, 346, 414, 441; *sports media production*: COM 307, 341, 342, 344, JOR 221, 415, 430, FLM 110, 220, 351, 444; and *strategic sports communication and information*: COM 340, 445, 447, PRS 300, 320, 370.

A total of 120 credits is required for graduation. At least 42 of these must be in courses numbered 300 or above. A student must maintain a 2.00 grade point average in her or his major to meet graduation requirements.

~~A minor in Sports Media and Communication is also offered and described in the interdepartmental minors section of the catalog.~~

ABOUT THE SPORTS MEDIA AND COMMUNICATION DEGREE:

In the BA program of Sports Media and Communication students gain critical and theoretical knowledge, and practical experience in sports media, including, but not limited to, sports journalism, broadcasting, public relations, writing, communication, and sports data and analytics. Courses range from critical-cultural analysis to quantitative and critical-analytical studies, coupled with practical and professional experience in various aspects of the sports media and communication industry. The program allows students to tailor specializations for careers in the sports media and communication industry by providing recommended elective courses across three suggested sequences

STEP 1:

Prerequisites to Major:

Course	Semester	Credits	Grade
COM 100		3	

Major Requirements:

COM 203		3	
COM 204		3	
JORS MC 220		3	
JOR 325		3	
COM 385		3	
PRS 360		3	
COM, FLM, JOR, PRS, ITR 302		3	
<p>Choose any three courses or 9 credits from the following electives. Three course sequences are suggested, not required.</p> <p>Sports Culture, Media and Society- COM 246, 346, 414, 441.</p> <p>Sports Media Production- COM 307, 341, 342, 344; FLM 110, 220, 351, 444; JOR 221, 415.</p> <p>Strategic Sports Com and Information- COM 340, 445, 447; PRS 300, 320, 370.</p>			
		3	
		3	
		3	

Students applying for a major in Sports Media and Communication must have a 2.00 GPA or higher, 24 credits earned, and a C or better in COM 100.

42 credits at the 300-level or higher
(major and general education courses may fulfill this requirement)

Course	Credits	Course	Credits

Free elective credits
(to meet the 120 credits required for graduation):

Course	Credits	Course	Credits

Important Prerequisite Information:

COM 100 is a prerequisite of the major and will not count toward the 30 credit minimum or the 45 credit maximum.

Please note: Students must achieve 2.00 major GPA and 2.00 cumulative GPA or higher in order to graduate.

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.

STEP 2:

STEP 3:

General Education Credit Count			
At least 40 credits, 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 PROGRAM REQUIREMENTS.

NOTE: This worksheet sheet 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.

Please note: Students must achieve 2.00 major GPA and 2.00 cumulative GPA or higher in order to graduate.

B.A. in Sports Media and Communication (2020-2021 Catalog)

For course titles and pre-requisite information, please visit: uri.edu/catalog

Fall	Spring	Milestones
Year One		
COM 100 (Gen Ed. & pre-req), min C	COM 203	Overall GPA 2.00
Gen Ed	Gen Ed	Complete COM 100 and COM 203
Gen Ed	Gen Ed	Complete 30 cr (or consider summer or term courses)
Gen Ed	Gen Ed	
Gen Ed	Gen Ed	Complete 27 Gen Ed credits
URI 101		Move from UC to A&S (24cr and a 2.0)
(16 cr total)	(15 cr total)	

Year Two		
COM 204	JOR -SMC 220	Overall GPA 2.00
Gen Ed	Major elective (1)	Consider minor or second major
Gen Ed	Elective	Complete 36 Gen Ed credits
Gen Ed	Elective	
Elective (JOR 220)	Elective	Complete 60cr (or consider summer or j term courses)
(15 cr total)	(15 cr total)	

Year Three		
JOR 325	PRS 360	Overall GPA 2.00
COM 385	COM, JOR, FLM, PRS, SMC 477	Consider study abroad and internship
Major Elective (2)	Gen Ed or Elective	Meet w/advisor for progress check
Gen Ed	Upper Level Elective	Complete 90cr (or consider summer or j term courses)
Upper level Elective	Upper Level Elective	
(15 cr total)	(15 cr total)	Complete Gen Eds (40 credits).

Year Four		
Major Elective (3)	Internship 3-12 credits or elective	Overall GPA 2.00
Upper-level elective	Upper-level elective	Complete 42cr at 300-level or above
Upper-level elective	Upper-level elective	Complete Intent to Graduate Form with advisor by Oct 1st
Upper-level elective	Upper-level elective	
Elective	Upper-level elective	Complete 120cr
(15 cr total)	(15 cr total)	Complete Major Requirements

Note: This plan is not intended to be prescriptive. Credits in transfer, as well as summer or j-term coursework, may result in deviations from the above recommendations.

ABOUT THE SPORTS MEDIA AND COMMUNICATION DEGREE:

In the BA program of Sports Media and Communication students gain critical and theoretical knowledge, and practical experience in sports media, including, but not limited to, sports journalism, broadcasting, public relations, writing, communication, and sports data and analytics. Courses range from critical-cultural analysis to quantitative and critical-analytical studies, coupled with practical and professional experience in various aspects of the sports media and communication industry. The program allows students to tailor specializations for careers in the sports media and communication industry by providing recommended elective courses across three suggested sequences

STEP 1:

Prerequisites to Major:

Course	Semester	Credits	Grade
COM 100		3	

Major Requirements:

COM 203		3	
COM 204		3	
JOR 220		3	
JOR 325		3	
COM 385		3	
PRS 360		3	
COM, FLM, JOR, PRS, SMC 477 , ITR 302		3	
Choose any three courses or 9 credits from the following electives. Three course sequences are suggested, not required. <i>Sports Culture, Media and Society-</i> COM 246, 346, 414, 441. <i>Sports Media Production-</i> COM 307, 341, 342, 344; FLM 110, 220, 351, 444; JOR 221, 415. <i>Strategic Sports Com and Information-</i> COM 340, 445, 447; PRS 300, 320, 370.			
		3	
		3	
		3	

Students applying for a major in Sports Media and Communication must have a 2.00 GPA or higher, 24 credits earned, and a C or better in COM 100.

42 credits at the 300-level or higher
(major and general education courses may fulfill this requirement)

Course	Credits

Course	Credits

Free elective credits
(to meet the 120 credits required for graduation):

Course	Credits

Course	Credits

Important Prerequisite Information:

COM 100 is a prerequisite of the major and will not count toward the 30 credit minimum or the 45 credit maximum.

Please note: Students must achieve 2.00 major GPA and 2.00 cumulative GPA or higher in order to graduate.

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.

STEP 2:

STEP 3:

General Education Credit Count			
At least 40 credits, 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 PROGRAM REQUIREMENTS.

NOTE: This worksheet sheet 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.

Please note: Students must achieve 2.00 major GPA and 2.00 cumulative GPA or higher in order to graduate.

B.A. in Sports Media and Communication (2020-2021 Catalog)

For course titles and pre-requisite information, please visit: uri.edu/catalog

Fall	Spring	Milestones
Year One		
COM 100 (Gen Ed. & pre-req), min C	COM 203	Overall GPA 2.00
Gen Ed	Gen Ed	Complete COM 100 and COM 203
Gen Ed	Gen Ed	Complete 30 cr (or consider summer or term courses)
Gen Ed	Gen Ed	
Gen Ed	Gen Ed	Complete 27 Gen Ed credits
URI 101		Move from UC to A&S (24cr and a 2.0)
(16 cr total)	(15 cr total)	

Year Two		
COM 204	JOR -SMC 220	Overall GPA 2.00
Gen Ed	Major elective (1)	Consider minor or second major
Gen Ed	Elective	Complete 36 Gen Ed credits
Gen Ed	Elective	
Elective (JOR 220)	Elective	Complete 60cr (or consider summer or j term courses)
(15 cr total)	(15 cr total)	

Year Three		
JOR 325	PRS 360	Overall GPA 2.00
COM 385	COM, JOR, FLM, PRS, SMC 477	Consider study abroad and internship
Major Elective (2)	Gen Ed or Elective	Meet w/advisor for progress check
Gen Ed	Upper Level Elective	Complete 90cr (or consider summer or j term courses)
Upper level Elective	Upper Level Elective	
(15 cr total)	(15 cr total)	Complete Gen Eds (40 credits).

Year Four		
Major Elective (3)	Internship 3-12 credits or elective	Overall GPA 2.00
Upper-level elective	Upper-level elective	Complete 42cr at 300-level or above
Upper-level elective	Upper-level elective	Complete Intent to Graduate Form with advisor by Oct 1st
Upper-level elective	Upper-level elective	
Elective	Upper-level elective	Complete 120cr
(15 cr total)	(15 cr total)	Complete Major Requirements

Note: This plan is not intended to be prescriptive. Credits in transfer, as well as summer or j-term coursework, may result in deviations from the above recommendations.

Notice of Change form

Notice of Change for: BM in Performance, Voice

Date: 11/5/2019

A. PROGRAM INFORMATION

1. Name of institution

University of Rhode Island

2. Name of department, division, school or college

Department: Music

College: A&S

Audrey Cardany and Margaret Frazier

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

Initiation date: fall 2020

First degree date: spring 2024

4. Intended location of the program

Kingston

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

The curriculum for the BOM Music, Voice performance subplan has not been significantly updated or revised for over 20 years. The Department is proposing changes in the subplan to reflect 21st century skills and competencies needed for career paths in vocal performance. We believe this proposal to be a much stronger and vibrant curriculum for our students.

1) Classical singers must develop strong lyric diction skills in English, Italian, German, and French. Voice Performance students will take two 2 credit classes in diction, MUS 184 and MUS283.

Additionally, to be paired with the diction courses, students will concurrently take beginning classes in Italian (ITL 101), French (FRN 101) and German (GER 101).

2) The ability to act is a crucial skill in a singing career. Students will take the first level of acting in the Theatre department, THE 111.

3) Concurrently, while enrolled in MUS 410A, students will have an additional hour weekly with their applied teacher in MUS 411, Applied Seminar, to cover topics related to additional skills and competencies required for professional singing. Topics to be included on a rotating basis: 1) historical performance practices; 2) the study of additional repertoire; 3) advanced performance skills required on the instrument; 4) advanced specific pedagogical skills related to their instrument.

4) MUS 445, Vocal Pedagogy, is a new course offering. Previously, students did not receive an in-depth course specifically addressing concerns of teaching voice or in-depth study of vocal production. Within this course, students will examine those topics and those concerning the transgender voice, technology used in the modern studio, and facts related to cross-training for various styles. Additionally, Voice Performance majors will take MUS 173, Voice Methods I where they will study vocal development - birth through high school, with focus on the child's voice. MUS 183, Voice Methods II, also required, will offer opportunities to improvise in contemporary vocal styles.

5) Students in the Voice Performance subplan will be required to have two semesters of 1 credit secondary applied lessons in CCM (contemporary commercial music styles) at the 110 level. We envision that in one of those semesters the student will be co-enrolled in MUS 183 (see above).

6) Students will have three elective credits in music to fill. Students will be strongly encouraged to enroll in MUS 256, Somatics.

7) A new general education course, MUS 367, Integrated Career Studies for Musicians, (A4/D1), has been proposed. It is the capstone course for this degree subplan and MUS 280 and MUS 480 will no longer be required. Students at the completion of this course will have synthesized multiple perspectives in critical thinking, research skills, media literacy, and self-reflection skills. Students will apply previous knowledge and skills from musical, audio, acoustical, research, and electronic experience. In addition, the course will also introduce students to real world methods of success in the music business. Topics include the *metiér* mind set, the identification of career branches, personal skill identification, branding, personal marketing tools, personal employment methods, the new recording paradigm, people skills, business plan development, funding, working budget development, personal website design and specialized CV development.

8) Students will be required to perform in a major ensemble for eight semesters (8 credits total). Additionally, five semesters (3 credits) of performing in a chamber ensemble are required. Students will still be required to perform a Junior Recital, MUS 350 (0 credit) and a Senior Recital, MUS 450 (0 credit).

9) The number of credits required for the degree has been reduced from 124 to 120 in keeping with current degree expectations suggested by the Provost's office.

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

7. Signature of the President

A handwritten signature in black ink, appearing to read "David M. Dooley", written in a cursive style.

David M. Dooley

Music Performance. All students in the music performance option must take the following music courses: eight semesters of MUS 300 (0); MUS 350 (0) and 450 [capstone] (0); MUS 119 (1); ~~120, 121, 122, 225, 226, 227, 228, 115, 116, 117, 118, 215, 216, 217, 218(16), 416(473); 224, 220, 222, 322(9).~~ MUS 235(2) and 442 (2); ~~239 and 311 or 312(2); 280(0); and 480[capstone](2);~~ Students in the vocal performance option take MUS 367 in place of MUS 280 and 480. Students in the jazz option must take MUS 424 in place of MUS 416. Jazz option students must also take MUS 106 (3).

A minimum of 120-124 credits is required for graduation. In addition, students must select one of the following five sub-options:

Voice: eight semesters of the principal applied music area.; MUS 210 and 410 at two credits per semester
~~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).~~
Students must pass an Advancement Jury after four semesters to progress to the 410 level.

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~~ Five semesters of chamber or other music ensembles (32). Four semesters of MUS 411(4), MUS 283 (3), MUS 184(2), 283(2), 367(3), 445(2), THE 111(3), ITL 101(3), GER 101(3), FRN 101(3). Four ~~Three~~ credits of music electives, and 3 credits in an upper-division music history course, at least three of which should be in upper-division music courses.

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Commented [AC1]: This was approved through faculty senate. See Bill 12B

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Commented [AC2]: This was approved through faculty senate on Jan. 23, 2020. Bill not yet posted.

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Audrey Cardany <audreyberger1@uri.edu>

Fwd: THE111

1 message

Margaret Frazier <mfrazier@uri.edu>

Tue, Nov 19, 2019 at 6:41 PM

To: Audrey Cardany <audrey.cardany@uri.edu>

Here is the thread with David Howard.

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

From: **David Howard** <dthoward@uri.edu>

Date: Thu, Nov 7, 2019 at 5:24 AM

Subject: Re: THE111

To: Margaret Frazier <mfrazier@uri.edu>, Paula McGlasson <PAULAM@uri.edu>

Hello, Peggy!

I would say that you might look at the "Majors" Section of THE111 if the numbers are that small. We cannot promise that the "Non-Majors" section will run, and have had some issues in the past few semesters filling it. The THE111 for majors is usually under 20 with new Theatre Majors, so we can, certainly, accommodate a few more students.

We run that class at the same time every year, so the students should be able to plan for their sophomore schedule.

dth

On Wed, Nov 6, 2019 at 9:29 PM Margaret Frazier <mfrazier@uri.edu> wrote:

Hi David,

The voice faculty and I are updating the Voice Performance curriculum. We would like singers in the major to take THE111 in the fall of their sophomore year. I recall you often have a section that is not where I put your freshman majors during Orientation. Our numbers will not be high, perhaps two to three each fall.

Is this ok with your department?

Peggy

--

Margaret Frazier
Senior Lecturer in Music
Instructor in Voice
Academic Advisor
University of Rhode Island
(401)874-7033

mfrazier@uri.edu

<http://web.uri.edu/music/meet/margaret-frazier/>

Pronouns: she, her, hers

--

David T. Howard
Chair and Professor of Theatre
The University of Rhode Island

--

Margaret Frazier
Senior Lecturer in Music
Instructor in Voice
Academic Advisor
University of Rhode Island
(401)874-7033
mfrazier@uri.edu
<http://web.uri.edu/music/meet/margaret-frazier/>
Pronouns: she, her, hers

MUSIC-BM
Voice Performance

THE UNIVERSITY OF RHODE ISLAND

F19-S20

(2.0) Credits Total 1

The BOM degree is the first-level professional degree in music. Its focus is on the development of skills and concepts essential to the success of the professional musician. Three options include: Performance - with a focus in either jazz studies or classical performance; Music Education - for those who plan to teach music in elementary or secondary schools; and Composition - with a concentration on the study of the materials and structure of

Requirements:

Course	Semester	Credits	Grade
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MUS 119

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Course	Semester	Credits	Grade
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Piano Proficiency - C or better in each course

MUS 171

MUS 172

MUS 271

MUS 272

Music Convocation - B semesters, 0 credit

MUS 300

MUS 300

MUS 300

MUS 300

MUS 300

MUS 300

MUS 300

MUS 300

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MUS 300

Applied Music Lessons

MUS 10A

MUS 10A

MUS 210A

MUS 210A

MUS 310A

MUS 310A

MUS 410A

MUS 410A

MUS 410A

MUS 410A

MUS 410A

MUS 410A

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Upper level Music History I

BACHELOR OF MUSIC IN PERFORMANCE OPTION

{20 u. Q,

(Voice SUB-OPTION)

FRESHMAN/FALL

MUS 119 Introduction to the Music Profession*	1
MUS 171 Class Piano I	1
MUS 300 Music Convocation	0
Major Ensemble (*1)	1
MUS 210A Principal Applied Music Area	2
MUS 121 Music Theory II	1
MUS 122 Ear Training and Sight-Singing II	2
MUS 172 Class Piano II	1
MUS 283 Vocal-Belting	1
MUS 300 Music Convocation	0
Major Ensemble (*1)	1

SOPHOMORE/ FALL

MUS 210A Principal Applied Music Area	2
MUS 222 History of Music II	3
MUS 223 Music Theory IV	2
MUS 271 Class Piano III	1
MUS 300 Music Convocation	0
Major Ensemble (*1)	1

FRESHMAN/SPRING

MUS 110A Principal Applied Music Area	2
MUS 121 Music Theory II	1
MUS 122 Ear Training and Sight-Singing II	2
MUS 172 Class Piano II	1
MUS 283 Vocal-Belting	1
MUS 300 Music Convocation	0
Major Ensemble (*1)	1

SOPHOMORE/ SPRING

MUS 210A Principal Applied Music Area	2
MUS 222 History of Music II	3
MUS 223 Music Theory IV	2
MUS 271 Class Piano III	1
MUS 300 Music Convocation	0
Major Ensemble (*1)	1

/

JUNIOR FALL

US. £ QA rip i al Applied Music Area

MUS 300 Music Convocation

MUS 311 Basic Core d act r ng

MUS 322 Hist ry ef-M tssie-#1

MUS 416 Form and Analysis

Major Ensemble (*1)

General Education ..(a 13 t3)

El

Chamber or Other Music Ensemble

Major Ensemble (*1)

SENIOR/FALL

S 410A Princwal ApJ lie,d Music Area

S 300 Music Convocation

Chamber or Other Music Ensemble

Major Ensemble (*1)

General Education ..(a 13 t3)

El

Chamber or Other Music Ensemble

* Fulfills URI 101 requirement

(*1) Majorensambles incude M-U_293.00-3_95_311

* -zt-Stude nts1 fT1sttaKelv1US""44-i in t is offered. It is offered aunn g th1 datt-term, but-only ev ery--the r year.

(*3) Students pursuing a B.M. degree in voice must take a total of 9 credits in two or more-foreign languages : A e Ae A 3tiao iaeae

lo (+ -fl- iO l

JUNIOR/SPRING

MUS Prin' i LApP,lieg .Music Area

MUS 300 Music Convocation

MUS 350 Junior Recital

Chamber or Other Music Ensemble

Major Ensemble (*1)

Foreign Language

General Education ..(a 13 t3)

El

SENIOR/SPRING

US 410A Pr1{19.gal AQPlid Music 1 re,g

US 300 Music Convocation

MUS 450 Senior Recital

M-I:IS-485 a-c:ctatrnTf'ortfolio

Major Ensemble (*1)

General Education: (313E:JJ

~~Signature~~

Notice of Change for: Sustainability Minor

Date: 3/6/2020

A. PROGRAM INFORMATION

1. Name of institution

University of Rhode Island

2. Name of department, division, school or college

Department: not applicable

College: not applicable

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

Initiation date: Fall 2020

First degree date: December 2020

4. Intended location of the program

University of Rhode Island

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

Adding newer courses for inclusion in Sustainability Minor which were requested by the instructors, updating course numbers where errors existed, adding "G" for grand challenge designation on several courses, and deleting courses that no longer exist.

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

Sustainability

In addition to fulfilling all the basic requirements for a minor (see [Minor Fields of Study](#)), students declaring a minor in sustainability complete the following four requirements:

(1) A "synthesis course" selected from a series of courses that focus on principles of sustainability (AFS/~~BCH/MIC~~/NRS/PLS 190; BIO 262; ~~COM 315~~; EGR 213G; GEO 100G; HPR 411; ISE/SUS 261G; ISE/SUS 461G; LAR 350; MAF 100, 220, 330, 465; NRS 100; GEO/OCG 110, OCG 123G; TMD 103G; 3 credits).

(2) An internship that includes hands-on sustainability experience on campus or in the community (e.g. ITR 301/302; CSV 301/302/303). Course can include research, service learning, and/or leadership. Minimum of 3 credits. Course can be repeated for up to 6 credits. Students may elect to take an internship offered from within a given major. Some majors have generic internship courses in which students may seek approval for ~~from~~ 3-6 credits (e.g. COM 471/472; ~~ITR 301/302~~; NRS 487); others would need to use the Center for Career and Experiential Education to arrange for an appropriate internship of from 3-12 credits, only 3 of which would be required for the minor. (For more information, see uri.edu/career/job-internship-search/). Use of the internship activity to fulfill requirements of the minor requires approval by the sustainability minor coordinator(s).

(3) Elective courses selected from the following approved lists, with at least one course from each of the three core areas (9 credits): ECONOMICS: EEC 105, 205, 310, 345, 440, 441; ECN 201, 202; ~~ISE 304~~. SOCIAL EQUITY/JUSTICE: APG 203; COM 410, 415, 462; HPR 319; NFS 207; SOC 242, ~~318~~, 350, 413, 438, 452, SOC/AAF 240, 336, 428. ENVIRONMENT: AFS 102, 120; BIO 101/103, 467; CHM 100; GEO 103; ~~ISE 460~~; LAR 444, 445; NFS 276G; NRS 223, 300, ~~361~~, 401/501, ~~411/511~~, ~~414~~/514, 445/545; OCG 131; PLS 306, 311, 324; TMD 226.

(4) A capstone course requiring submission of a brief proposal describing the intended work and how it relates to sustainability, the associated course, and the faculty sponsor. The faculty member may well be simply signing off on a course that s/he teaches as part of a regular workload (~~COM/SUS 315~~; COM 455; HPR319; MAF 472, 475; NRS 496; NRS/MAF 527; OCG 480/580; PSC ~~402403~~), or may be agreeing to sponsor the student's work in a special studies arrangement, which could be an add-on to the internship or could stand alone. The sustainability minor coordinator(s) must approve the proposed capstone course.

The Sustainability Minor Committee is consulted on the appropriateness of capstone courses, internships, and the addition of any new courses to the minor. ~~Substitutions may be approved by sustainability minor coordinators in each college.~~ For more information, contact Professor Valerie Maier-Sperdelozzi, valerie@uri.edu ~~Norbert Mundorf, nmundorf@uri.edu.~~

7. Signature of the President



David M. Dooley

Colleges impacted –

College of Arts and Sciences – COM, LAR, SOC, PSC

College of Business – TMD

College of Environment and Life Sciences – BCH, MIC, GEO, NRS

College of Health Sciences - NFS

College of Engineering – ISE, EGR

Grad School of Oceanography - OCG

(SUS – all courses with this designation are cross listed)

CSV

BCH/MIC 190 – course code no longer used for this level class

SOC 318, NRS 361, NRS 411/511, NRS 414 – course no longer exists in catalog

COM/SUS 315 – course is being moved to “capstone” are of sustainability minor since it is currently being approved for “D1” gen ed outcome

EGR 213G –

GEO 100G, OCG 123G, NFS 276G – adding “G” designation

GEO/OCG 110 – added cross listing designation

ISE/SUS 261G, ISE/SUS 461G, LAR 350, TMD 103G, **CSV 302/303**, ISE 304, ISE 460 – instructor requests inclusion in list of approve courses for the minor, and Sustainability Advisory Committee agrees

PSC 402 – rather than 403 –

Curriculum process for interdisciplinary programs

2 messages

Anne Veeger <aveeger@uri.edu>

Wed, Mar 11, 2020 at 12:30 PM

To: Valerie Maier Speredelozzi <valerie@uri.edu>

Cc: Joanne Lawrence <jlawrence@uri.edu>, Jean Van Couyghen-Potter <jvpotter@uri.edu>

Hello Valerie,

I understand you have a question about the curriculum process for interdisciplinary programs.

Interdisciplinary programs have a program committee that is equivalent to the college curriculum committee. The representatives from the participating colleges ensure that each college has a voice as the program is developed or changes are proposed and it eliminates the need to go through multiple curriculum committees. Once the interdisciplinary committee approves a change or new course, it can go to directly to the Faculty Senate. Prior to sending a proposal to the Faculty Senate, it is appropriate to get memos of support from departments/colleges that would be affected by the change.

Let me know if you have any additional questions,

Anne

Anne I. Veeger, Ph.D.

Vice Provost, Academic & Faculty Initiatives

University of Rhode Island

Kingston, RI02881

(P) 401-874-4408

Valerie Maier Speredelozzi <valerie@uri.edu>

Wed, Mar 11, 2020 at 1:42 PM

To: Anne Veeger <aveeger@uri.edu>

Cc: Joanne Lawrence <jlawrence@uri.edu>, Jean Van Couyghen-Potter <jvpotter@uri.edu>

Thank you Anne,

This was my impression of how it would/should work. I was very surprised when Joanne said last Friday that it would have to go through the college of engineering, since I can't imagine my colleagues voting on a minor that was not developed or housed within the college.

-Valerie

[Quoted text hidden]

--

Valerie Maier-Speredelozzi

Associate Professor, Industrial and Systems Engineering

University of Rhode Island



March 12, 2020

To who it may concern:

Re: Adding EGR213g to the “Sustainability Minor”.

This letter is to state the Department of Ocean Engineering’s support for including the grand challenge course EGR213g to the proposed revised “Sustainability Minor” course list.

Please feel free to contact me at grilli@uri.edu for any additional information.

Sincerely,

A handwritten signature in blue ink, appearing to read "SG", with a stylized flourish.

Stephan Grilli, Ph.D.
Professor and Chair
Department of Ocean Engineering

Fwd: Letter for fac sen

1 message

Valerie Maier Speredelozzi <valerie@uri.edu>
To: Joanne Lawrence <jlawrence@uri.edu>

Thu, Mar 12, 2020 at 10:50 PM

Dear Joanne,
Please find attached:
1) the change notice, with one slight modification suggested by Marsha Garcia Sustainability Officer at URI
2) the list that summarizes the reasons each course was updated or added in the SUS minor catalog description
3) a letter from Ocean Engineering for adding EGR 213G
4) a letter from Textiles Marketing and Design for TMD 103G
5) the forwarded email below from MCISE department to cover the added ISE courses
(I am missing a letter from Landscape Architecture to cover LAR 350, but will send this separately when I get it)
Sincerely,
Valerie

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

From: **Carl-Ernst Rousseau** <roussce@uri.edu>
Date: Thu, Mar 12, 2020 at 9:18 PM
Subject: Re: Letter for fac sen
To: Valerie Maier-Speredelozzi <valerie@uri.edu>

Dear Valerie,

As Chair of the department of Mechanical, Industrial & System Engineering,
I support the proposed changes.

Please let me know if you need a formal letter on URI letterhead.

Regards,

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

Department Chair
Mechanical, Industrial & Systems Engineering
University of Rhode Island
260 Fascitelli Bldg., 2 East Alumni Ave.
Kingston, RI 02881
401-874-2542

rousseau@uri.edu

4 attachments

Notice_of_Change_Form_fin 030620c.doc
40K



Colleges impacted 2020 curriculum change.docx
12K



EGR 213G Sustainability_OE.pdf
283K



TMD103G_SustainabilityMinor_HannelSigned.pdf
196K

Re: LAR 350 for inclusion in Sustainability Minor

2 messages

Valerie Maier Speredelozzi <valerie@uri.edu>

Wed, Mar 18, 2020 at 4:59 PM

To: Joanne Lawrence <jlawrence@uri.edu>, William Green <wagre@uri.edu>

Cc: Jane Buxton <jabuxton@uri.edu>

Dear Joanne,

Please find below the department approval from LAR for the sustainability minor changes.

Valerie

On Wed, Mar 18, 2020 at 4:25 PM William Green <wagre@uri.edu> wrote:

Hi Valerie,

Things are quite crazy right now and I lost this email from a week ago. So, I am writing in response to a request made by Jane Buxton of our department (LAR) regarding her wish that the course she is teaching, LAR 350 *Sustainable Communities in the 21st Century*, which is offered in the fall, be included in the Sustainability minor. She is very interested in the subject as am I, and we think it is an important class to place before URI students. I hope this is not too late. We already have LAR 444 *Sustainable Design Studio* on the list and would like LAR 350 added. It has taken me some time to develop the proposal and have it approved. The course was recently taught (fall 2019) for the first time, thanks to Jane Buxton, and we think this class will be a good fit. The department supports this request. Please, let us know if this is acceptable as a department endorsement.

Cheers,

Will

William A. Green, ASLA

Chair, Department of Landscape Architecture

University of Rhode Island

201 Rodman Hall

[94 West Alumni Ave](#)[Kingston, Rhode Island 02881](#)

P. 401-874-2142 F. 401-874-4931

<http://web.uri.edu/lar/><http://www.sustainablesites.org/>From: **Valerie Maier Speredelozzi** <valerie@uri.edu>

Date: Thu, Mar 12, 2020 at 10:46 AM

Subject: Re: Letter for Fac Sen

To: Saheli Goswami <sgoswami@uri.edu>

Cc: Jane Buxton <jabuxton@uri.edu>, Marsha Garcia <marshag@uri.edu>, Norbert Mundorf <nmundorf@uri.edu>

An email would be ok.

A one sentence letter on letterhead might be better.

Just a statement that the department agrees.

On Thu, Mar 12, 2020 at 10:36 AM Saheli Goswami <sgoswami@uri.edu> wrote:

Hi Valerie,

Sure, I will try to get it asap from my department-chair. Do you have a reference for such memo of support? As in, is it a form to be filled, or just a email-statement indicating Chair's approval for this proposed change? Could you please share the reference, if you happen to have any?

Thank you,
Saheli

--

Saheli Goswami, Ph.D.
Assistant Professor
University of Rhode Island
College of Business: Textiles, Fashion Merchandising and Design
Quinn Hall 309B
[55 Lower College Rd.](#)
[Kingston, RI 02881](#)
p: 401.874.9294
sgoswami@uri.edu

--

Valerie Maier-Speredelozzi
Associate Professor, Industrial and Systems Engineering
University of Rhode Island

Joanne Lawrence <jlawrence@uri.edu>

Thu, Mar 19, 2020 at 9:19 AM

To: Valerie Maier Speredelozzi <valerie@uri.edu>

Cc: William Green <wagre@uri.edu>, Jane Buxton <jabuxton@uri.edu>

Thank you Valerie. Take care,

joanne

Joanne Lawrence
Specialist, Faculty Senate Office
224/226 Pastore Hall
401-874-2616

[Quoted text hidden]

To Whom it May Concern;

The Textiles, Fashion Merchandising and Design Department supports adding TMD 103G (Textiles, Fashion and Sustainability) as a "Synthesis Course" to the Sustainability Minor.

Please feel free to contact me if you should need additional information.

Best,

Susan L. Hannel

Susan L. Hannel, PhD
Chair, Associate Professor
Textiles, Fashion Merchandising and Design Department
College of Business
University of Rhode Island
55 Lower College Rd.
Kingston, RI 02881
401-874-2882
shannel@uri.edu
<https://web.uri.edu/business/meet/susan-l-hannel/>

The University of Rhode Island is an equal opportunity employer committed to community, equity, and diversity and to the principles of affirmative action.

Notice of Change form

Notice of Change for: Human Development & Family Studies

Date: 2/20/2020

A. PROGRAM INFORMATION

1. Name of institution

University of Rhode Island

2. Name of department, division, school or college

Department: Human Development and Family ~~Science~~Studies
College: Health Sciences

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

Initiation date: Academic Year 20~~20~~19-202~~10~~
First degree date: 202~~4~~3

4. Intended location of the program

Transition Center, 2 Lower College Road, Kingston, RI 02881

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

After reviewing the HDF department's curriculum and aligning with the most recent national standards in the field, HDF would like to submit the following changes:

- 1) DEPARTMENT NAME CHANGE: We are proposing to change the name of the major from Human Development and Family Studies to Human Development and Family Science. This change was informed by the National Center for Family Relations' official recommendation of "Family Science" as the preferred term to identify the discipline (see attached support letter from NCFR can be provided upon request). This change is consistent with national trends in HDF programs across the country, while also minimizes the impact of the name change on HDFs daily operations at the university (e.g., no change to course prefixes, etc.).
- 2) CHANGES TO ADMISSION REQUIREMENTS: We are proposing to remove the 'B3. Mathematical, statistical, or computational strategies' requirements from admission into the major. Since implemented the requirement of having all students take HDF202 (Research Methods in Human Development) as a prerequisite to all 300 and 400-level classes, we feel students are well prepared in quantitative strategies needed to be successful in the major. Removing the B3 requirements will also decrease barriers to entry into the major.

- 3) CURRICULAR CHANGES: We have reviewed and revised our curriculum with the specific goals of providing students more flexibility in completing the degree and clarifying job paths for students. We are proposing the following changes:
- a) INTERNSHIP SEQUENCE: We are proposing to remove HDF180 (1 credit course in personal and career development) and replace it with a new Pre-Internship course (HDF381) which is designed to help students clarify career goals and identify internship placements before enrolling for the senior internship. We are also expending our senior fieldwork capstone course, HDF481, from 1 credit to 2 credits. Students will take 481 (for a 2 credit D1 Gened) and HDF381 (for a 1 credit D1 Gened), for a total of 3 credits of D1 Gened.
 - b) Adding HDF357 (Family and Community Health) as a core requirement.
 - c) Changing the names of our three concentration areas to 'Child and Family Development, Counseling and Social Services, Health and Aging Services' and reducing the number of required courses in each concentration area to 2 courses, with an additional 3 HDF courses to be taken from anywhere within the major.

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

The curriculum in human development and family sciencestudies (HDF) leads to a Bachelor of Science degree. ~~The department also offers a certificate program in early childhood teacher education.~~ HDF also offers a Master of Science degree with the following concentrations: College Student Personnel, Couple and Family Therapy and Developmental Science. The Master of Science programs are described in the Graduate Program section of this catalog.

The undergraduate B.S. curriculum provides a general background for work with children, families, and adults with multiple practicum and internship opportunities. Many professions in human development and family sciencestudies require academic work beyond the bachelor's degree for continuing professional work and advancement. Individuals with a baccalaureate degree are employed as professionals in preschools, early intervention programs, child care centers, senior centers, health institutions and hospitals, and in recreational, child guidance, social service, family financial services and other community agencies. ~~Students completing family finance courses are employed in agencies providing family financial and credit counseling services.~~

Program student learning objectives: Graduates of the program in human development and family ~~science~~studies will acquire and utilize knowledge and skills necessary for a professional position or graduate/professional training in the human development and family ~~science~~studies field; use acquired knowledge, research skills, and creativity to identify and solve complex human science problems; communicate clearly and effectively using the appropriate conventions for HDF professionals; and learn to act as a responsible human service education professional. A more detailed description of the student learning objectives can be found at the HDF program website: web.uri.edu/human-development/learning-outcomes/.

Admission Requirements. Students seeking admission to this bachelor's degree program must have completed 24 credits and completed the following courses with an overall grade point average of 2.00 or better: HDF 200 or 201 and courses meeting each of the following general education requirements: A2. Social and Behavioral Sciences ~~and~~ B1. Write effectively, ~~and~~ B3. ~~Mathematical, statistical, or computational strategies.~~

Program Requirements. Students are required to complete the following core curriculum:

- ~~1) HDF 180 (1 credit) personal and career development;~~
- 2) 18 credits of core courses: HDF 200, 201, 202, 205, ~~and~~ 230 ~~and~~ 357;
- 3) choose any two early field experience courses from the following list (one from each grouping): either HDF 203 or 306; either 310, 312, or 314; all courses are 4 credits, with 1 credit consisting of a 36 hour practicum placement.
- 4) HDF 381 (Pre-Internship) to be taken in the junior year or the semester before HDF 480/481.

5) at least ~~eight~~^{seven} credits of senior-level field experience and seminar (maximum of ~~14~~³ credits) in HDF 480/481; or, in special circumstances and with the approval of the department chair, the OIEE Internship Program (see Center for Career and Experiential Education); ~~or for Early Childhood Education teacher certification students only, 15 credits of EDC 484/485.~~

5) at least ~~6~~¹² credits in one of the following three concentrations:

Child and Family Development: ~~Settings: 2 required~~⁴ courses, HDF 432 and HDF 434, from the following – HDF 301, 302, 305, 357, 400, 420, 430, 432, 434, ~~455~~. HDF 203, 303, 306, and 310 may also count if not used for an early field experience.

Counseling and Social Services: Family and Community Settings: ~~2 required~~⁴ courses, HDF 430 and HDF 450, from the following – HDF 318G, 357, 405, 418, 421, 428, 430, 431, 432, 433, 434, 437, 440. HDF 310, 312, and 314 may also count if not used for an early field experience.

Health and Aging Services ~~Family Finance:~~ ~~24 required~~⁴ courses, HDF 431 and HDF 440, from the following – HDF 225, 318G, 418, 424, 428, 434.

6) ~~Nine~~^{Twelve} (~~9~~¹²) credits of HDF major~~relevant professional~~ elective coursess, from appropriate disciplines including PSY, SOC, CCJ, EDC, and CMD HDF 450 is highly recommended, but not required. Professional electives must be approved in consultation with an advisor, and Field experience courses (HDF 203, HDF 306, HDF 310, HDF 312 and HDF 314) do not meet this requirement and only 3 credits may be at the 200 or lower level.

7) ~~24-30~~¹⁸⁻³⁵ credits of free electives as necessary to reach the 120-credit B.S. degree requirements.

HDF offers general education courses, including HDF 208, 225, 318G, 440, [381/481](#), [480/481](#), HDF/NUR 150, [GCH102G](#), and PSC/HDF 405.

For information on transferring into this program, see “Transfer Students” earlier in this section.

Early Childhood Education Teacher Certification. Required courses in the HDF and EDC programs meet the curricular requirements for the Early Childhood Education Teacher Certificate (Preschool through Grade 2) for beginning teachers set by Rhode Island’s Department of Education. Students must apply to the Early Childhood Education program through the Office of Teacher Education. See School of Education for admission requirements, certification in other states, and other information regarding teacher education.

Students submit their application to the program in December – January of sophomore year. The application process includes an admission portfolio and interview with program faculty in the spring semester. The portfolio demonstrates candidates’ interpersonal and communication skills, academic knowledge base, work experience and community service with children, and multicultural/diversity awareness. Early consultation with an HDF advisor is important for timely degree completion.

Application requirements/program prerequisites: Pass the Praxis I entrance exam; sophomore standing or above; completion of HDF 200; completion of HDF 203 or concurrent enrollment; completion of requirements for admission to the HDF program (see above).

Curriculum requirements for the Early Childhood Education (ECE) program result in a B.S. in Human Development and Family Studies. The courses required include the following: Core

Experiences: HDF 200, 201, 202, 205, and 230; Professional Content: EDC 102, 250, 312; HDF 203, 208, and 305; Early Childhood Education Teacher Certificate Courses: HDF 301, 303, 420, 455; EDC 402, 424, 426 and 350; senior field-work experience (Student Teaching): EDC 484 and 485.

To be eligible for student teaching, students must maintain a grade point average of 2.75 overall; 2.50 in the major; and attain a grade of at least C in HDF 203, 301, 303, 305, 420, 455; EDC 102, 250, 312, 402, 424, and 426. In addition, students must pass the state mandated Praxis II exam for Early Childhood Teacher Certification prior to student teaching.

Failure to meet these requirements will result in program probation, a two-semester period during which students have the opportunity to earn acceptable grades but may not continue on the early childhood course sequence or student teach. Failure to meet the requirements after two semesters may lead to dismissal from the program.[1]

Certified Family Life Educator (CFLE). Students may be eligible for provisional certification as a family life educator with the completion of the following courses: NUR/HDF 150; HDF 200, 201, 202, 205, 230, 420, 432, 433, 434, 437, 450, 480/481. Provisional certification is awarded by the National Council on Family Relations, www.ncfr.org.

Accredited Financial Counselor (AFC) Certificate. Accredited Financial Counselor (AFC) is a certification offered by the Association for Financial Counseling and Planning Education (AFCPE). Students in the registered higher education program could have deep discounts in the exam fee. AFCPE also provides many opportunities (annual symposium, monthly

webinars, online resources) for networking and career development. At URI's AFC program, students need to take two required courses: HDF418 (Personal Finance) and HDF451 (Financial Counseling and Debt Management). In addition, students need to register for AFC certification through AFCPE and pass the AFC certification exam. They need to acquire 1,000 hours of relevant financial counseling/education experience. They also need to sign and agree to abide by the AFC Code of Ethics. Students have three years to complete all requirements for the AFC certification.

Minor in Family Financial Counseling and Planning. Students outside the Department of Human Development and Family Studies may declare a minor in family finance by completing 18 credits from any of the following: HDF 205, 225, 318G, 418, ~~424~~, 434, 450, and 451. The overall URI minimum requirements for a minor apply (see minor fields of study).

A minimum of 120 credits are required for graduation.

7. Signature of the President



David M. Dooley

NEW

Name

ID Number

Advisor St nature

GENERAL EDUCATION GUIDELINES: Gen Ed is 40 credits. Each of the 12 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 12 credits can have the same course code (note- HPR courses may have more than 12 credits). Gen Ed courses may also be used to meet requirements of the major or minor.

[illegible]

General Education Outcome Audit		40 credits
At least 3 credits in each outcome	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 & Inclusion		
INTEGRATE AND APPLY		
D1. Ability to synthesize		
GRAND CHALLENGE		
G. Check that at least one course of your 40 credits is an approved "G" course		

*The following HDF courses may be used to fulfill Gen Eds: GHC102G, HDF 150, HDF 202, HDF 205, HDF 225, HDF318G, HDF 405, HDF 440, HDF 381/481

[illegible]

CORE HDF REQUIREMENTS:			35-41 credits		
Take all of the courses listed below.					
Courses	Sem/ Yr	Prerequisites	Courses	Sem/ Yr	Prerequisites
Take all of the following			Select 1 of the following - Early Fieldwork Courses		
HDF 200 lifespan Dev (3)			HDF 310 Adolescent Dev (4)		HDF major & HDF 201 or permission
HDF 201 Lifespan Dev II (3)			HOF 312 Adult Dev (4)		HOF major & HDF 201 or permission
HDF 202 Research Persp (3)		HDF major	HDF 314 Intro to Gerontology(4)		HDF major & HOF 201 or permission
HDF 205 Money Skills for Life (3)			Take all of the following* - Senior Fieldwork Internship Courses		
HOF 230 Marriage & Family (3)		HOF major or permission	HOF 381 Pre-Internship (1)		Jr. HOF Major
HDF 357 Fam & Cmty Health (3)		Junior standing or permission	HDF 480 Sr. Internship (6-12)		Sr. HOF major & HDF381 Of permission; concurrent as HOF 481
Select 1 of the following - Early Fieldwork Courses			HDF 481 Sr. Internship Capstone (2)		Sr. HDF major & HDF381 or permission; concurrent as HOF 480
HDF 203 Intro to Child (4)		HDF major & HDF200 or permission			
HDF 306 Infant Dev (4)		HDF major & HDF200 or permission			

HDF CONCENTRATION AREAS:		6 credits
Pick ONE concentration area below and take the Required courses		
CHILD & FAMILY DEVELOPMENT	Prereq	Sem/Yr
HOF 434 Child & Fam in Poverty (3)	Seolor standing or p<rm_i,lon & HOF 200	
HDF 432 Persp on Parenting (3)	HOF100orPSY132& HDF201	
OR		
COUNSELING & SOCIAL SERVICES	Prereq	Sem/Yr
HDF 450 Intro to Counseling (3)	Senior standing or permission	
HDF 430 Family Interaction (3)	HDF 202 & HDF 230	
OR		
HEALTH & AGING SERVICES	Prereq	Sem/Yr
HDF 440 Healthy Living for Older Adults (3)	HDF 202 & HOF '14	
HOF 431 Families and Aging (3)	HOF 201& HOF 202	

HDF ELECTIVES: Take 3 additional HDF classes from the list below (1 can be below 300 level). Please see the website for advising suggestions. 9 credits			
Courses	Sem/Yr	Courses	Sem/Yr
HOF 150 Hum Sexuality (3)		HOF 417* Intern for Leader (3)	
GCH 102G This is Us (3)		HOF 418 Personal Finance (3)	
HOF 190* First Year Leaders (3)		HDF 420 Early Lang & Lit (3)	
HOF 208 Health Young Child (3)		HOF 421 Death, Dying & Bereavement (3)	
HOF 225 Consumer in Econ (3)		HOF 428 Consumer Protection (3)	
HOF 252 Adulting (3)		HOF 430 Family Interaction (3)	
HOF 290* Mod Leader Issues (3)		HOF/SOC 431 Family & Aging (3)	
HOF 305 Fam Engage (3)		HOF 432 Personal Parenting (3)	
HOF 318G Health & Wealth (3)		HOF 433 Family Life Education (3)	
HOF 400 Adv Child Dev (3)		HOF 434 Child & Fam Poverty (3)	
HOF 405 Personal Health & Aging (4)		HOF 437 Law & Families in US (3)	
HOF 412* Hist Leadership (3)		HDF 440 Healthy Living Older Adults (3)	
HOF 413* Student Org Leader (3)		HOF 450 Intro to Counseling (3)	
HOF 415* Peer Leadership (3)	if	HOF 460 Play Therapy (3)	

*Leadership Minor Courses

Minor and Certificates

COMPLEMENTARY MINORS: Gerontology; Hunger Studies; Leadership or 18 credits in an approved minor field of study. Free Electives may be used for a minor or certificate or to take additional courses in a specific area of interest and as needed to total 120 credits. HOF majors who are taking HDF-related majors (e.g., *Leadership Minor Courses) can count up to 6 credits toward the major requirements.

Minor Pursued: _____

Certified Family Life Education (CFLE) Certification: Completion of a core curriculum qualifies a student to apply for a provisional CFLE certificate. Courses include HDF/NUR150, HDF 200, 201, 202, 205, 230, 430, 432, 433, 434, 437, 480/481.

Accredited Financial Counselor (AFC) Certificate: Completion of HDF 418 and HDF 451 to be eligible to apply for certificate. Please see advisor for additional details.

*To be approved by Faculty Senate (in process)

Notice of Change form

Notice of Change for: Health Studies

Date: 02/17/2020

A. PROGRAM INFORMATION

1. Name of institution

University of Rhode Island

2. Name of department, division, school or college

Department: Health Studies
College: Health Sciences

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

Initiation date: Academic Year 2020-2021
First degree date: 2024

4. Intended location of the program

Health Studies, Independence Square, 25 West Independence Way, Kingston, RI

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

Our intention is to give students more choices and flexibility as they work towards a degree in this interdisciplinary major, and to formalize the acceptance of courses that have been approved as curriculum modifications in the past.

Since the inception of the major, new courses have been implemented that can fulfill either the core Health Studies courses, or one of the specialization areas in the major. We are requesting that the following be added as options for the major (as specified below).

- 1) NFS 212G: Public Health Nutrition - add to Health Promotion specialization
- 2) NFS 524: Global Nutrition - add to Global Health specialization

We have discussed these changes with the chair of the Department of Nutrition and Food Sciences (Dr. Cathy English), and the email of support is included in this proposal.

In addition, a small editorial change is needed to the core HLT 100 course, as it has been approved as a Grand Challenge; all references to HLT 100 must be updated to HLT 100G.

6. If applicable, please include the existing URI catalog language and proposed catalog changes indicated in 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. Students majoring in Health Studies are required to earn a C or higher in HLT 200 and HLT 450. Students earning less than a C in HLT 200 or HLT 450 will be able to take the class one additional time.

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

- 1) At least 40 general education credits.
- 2) Core courses including BIO 105 or 101 and 103; CHM 100 or 103; COM 100 and 202, 208, 210, or 251; **HLT 100G**, 200 (grade of C or higher required), and 450 (grade of C or higher required); KIN 122 and 123; MTH 103, 107, 108, 111, 131 or 141; PHL 101, 103 or 212 and 314; PHP 405; PSY 113; and STA 307, 308, or PSY 200; URI 100; 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. Twelve (12) credits of free electives must be at the 300 or 400 level.

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; COM/SUS 315; COM 361, 460,

461, 462; GCH 104; GWS 325; HLT 320; HPR 319; **NFS 524**; NRS 100, 411; NRS/CPL 300; NUR 160; PHL 454; PHP 201; 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; COM 361; GWS 350, 351; HDF 200, 201, 357, 440, 450; HLT 320; KIN 275, 325, 401, 425; NFS 207, **NFS 212G**; 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; HLT 320; HSA 360; PHP 201; PSC/HDF 405; PSY 255; SOC 224; WRT 306.

7. Signature of the President



David M. Dooley

Fwd: adding 2 classes to health studies specialization?

1 message

Mary Greaney <mgreaney@uri.edu>
To: Cynthia Cruger <ccruger@uri.edu>

Mon, Feb 17, 2020 at 2:24 PM

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

From: **Cathy English** <cathy@uri.edu>
Date: Fri, Feb 14, 2020 at 8:22 AM
Subject: Re: adding 2 classes to health studies specialization?
To: Mary Greaney <mgreaney@uri.edu>

Checked with Alison and Brie and both are fine with adding their courses (NFS 212G and NFS 524) to the specializations. I think Brie might create a 400-level Global Health class (424/524) so it will be more appropriate for all undergraduates, but not until next year!

Cathy

On Feb 13, 2020, at 8:00 AM, Mary Greaney <mgreaney@uri.edu> wrote:

Great. Thanks for this

On Thu, Feb 13, 2020, 7:38 AM Cathy English <cathy@uri.edu> wrote:

Hi Molly-

Sounds like a good idea with me. Let me check with the faculty and get back to you. It will probably take me a day or two.

Thanks-
Cathy

On Feb 12, 2020, at 8:36 PM, Mary Greaney
<mgreaney@uri.edu> wrote:

Hi, Kathy-

I am writing to see if we could add NFS 212G as an option for the health promotion specialization in health studies?

Additionally, I was wondering if we could consider adding the new global health nutrition class to the global health specialization. I know that it is a graduate class, but it could be a good option for students who meet any requirements.

I am happy to meet with you to discuss.

THanks for considering,

Molly

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Cathy English PhD, RD LDN
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Associate Professor
Department of Health Studies
University of Rhode Island

Kingston, RI 02881

Notice of Change form

Notice of Change for: Department of Kinesiology, Bachelor of Science program

Date: 02/20/2020

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

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

Initiation date: Fall 2020
First degree date: Spring 2024

4. Intended location of the program

Independence Square

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

The Kinesiology Department is seeking the following change to our curriculum:

- 1) Removal of KIN 278 from the core requirements, to be replaced with an additional professional elective

KIN 278 is a course that was taught by a faculty member who is no longer housed in Kinesiology, and will not be offered going forward. As a replacement, students should complete one of the classes listed in the professional electives in the Applied Exercise science track: KIN 243, KIN 375G, 401, 414, NFS 360, PSY 255, or another KIN course. Applied students are already required to choose 2 of these in their track, so they would take a third course, while pre-professional students would only need to choose one to replace the credits from KIN 278.

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

Kinesiology

This curriculum leads to a Bachelor of Science (B.S.) 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 physician's assistant. The Applied Exercise Science Track promotes the understanding of the health benefits of physical activity and is designed for students interested in becoming an exercise physiologist, strength and conditioning specialist, occupational therapist or health coach. 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 an exercise physiologist, strength and conditioning specialist, or personal trainer. Students in the Exercise option are required to have a cumulative grade point average 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 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 (see <http://uri.edu/education/admissions-testing-requirements/> 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 2.75 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 HPE program are required to have a cumulative grade point average of 2.50 or higher before student teaching (EDC 486/7). Students in the HPE 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 (see Teacher Certification in the [Graduate Programs](#) section of this catalog). 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 admitted through this option to the D.P.T program complete 26 credits of required graduate level courses during their senior year. Early Contingent D.P.T students complete the same minimum of 112 credits applicable to the D.P.T program (26 credits completed as an undergraduate students and 86 credits completed as a graduate student). 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 220 and 221 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 (see [Physical Therapy](#) in the [Graduate Programs](#) section of this catalog). Admission to the D.P.T program is competitive and completion of this specialization does not guarantee admission into URI’s D.P.T. program.

Youth Movement Sciences Option. This track is designed for HPE students who do not achieve a passing score on the Praxis I and II exams. With the exception of student teaching, course work is identical to the Health and Physical Education curriculum. A one semester internship replaces student teaching in this track.

Degree Requirements. The following courses are required of all students in kinesiology: URI 101 (1 credit), 40 credits of general education, BIO 101, 220, 221, 222, and 223; CHM 103; KIN 123, 278, 300, 370, and 381; PSY 113; NFS 207; and one of the following professional electives from KIN 243, 375G, 414, 401, NFS 360 or PSY 255;. 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 health and physical 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 or 436; EDC 279, 312, 485, 486/487; HDF 357; NUR 150; WRT 104 or 106; 7 credits of practicum activity including KIN 116, 117, 118, 121, 322, and 324; 9 credits of approved adaptive physical education courses.

The *exercise science option* requires BIO 103; KIN 275, 278, 301, 320, 325, 390, 420, 484; WRT 106. The *pre-professional track* also requires CHM 105, 124, 126; CMB 210; PSY 232, 235, 254, or 255; PSY 200, STA 307 or STA 308. Additionally, there are 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 125, 369, 425; 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, 220, 221, 222, 223; 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 106. Other requirements include KIN 381, 420; NFS 207; and free electives. During the 7th and 8th semesters, the first year physical therapy graduate curriculum is followed.

7. Signature of the President



David M. Dooley

DEPARTMENT OF KINESIOLOGY
EXERCISE SCIENCE - CURRICULUM PLANNING SHEET

NAME _____

ID NUMBER _____

120 Total Credits

20

CORE EXERCISE SCIENCE REQUIREMENTS - Take ALL of the following courses (48 credits)

Course	Credit	Taken	Prerequisites
URI 101	1		
BIO 220/221 A&P I/Lab	4		BIO 220/221
BIO 222/223 A&P I/Lab	4		
CHM 103 Chemistry	3		
KIN 275 Intro Ex Science	3		
KIN 278 Ex Physiology	3		
KIN 300 Ex Physiology	3		BIO 222
KIN 301 Ex Physiology Lab	1		BIO 223
KIN 320 Resistance Training	3		BIO 222, KIN 275, KIN 300
KIN 325 Ex Testing & Rx	3		BIO 222, KIN 275, KIN 300
KIN 370 Kinesiology	3		BIO 222
KIN 381 PA Behavior	3		PSY 113
KIN 390 Seminar	2		Jr standing
KIN 484 Internship**	12		*See below

*KIN 484 re reg 2020 academic year. Students may replace Elective (list below) to replace

**internship prerequisites: 2.5 GPA, 84 credits toward degree progress, CPR certification, KIN 275, 300, 301, 320, 325, BIO 222, CHM 103, CHM 124 (pre-professional only). KIN 420 required for cardiac rehab internships. Students with a GPA below 2.5 must take 12 additional credits of KIN or health related courses including 6 credits at the 300-400 level. Select courses with your advisor and list them here.

PROFESSIONAL CONTENT AREA-Take all courses listed in ONE area (Pre-Professional or Applied)

Pre-Professional *			Applied*		
CHM 105 Chemistry Lab	1		KIN 369 Measurement and Evaluation	3	
CHM 124 Organic Chemistry	3		KIN 425 Program Development	3	
CHM 126 Organic Chemistry Lab	1		KIN 125 Group Exercise	2	
CMB 210 Biochemistry Aspects	3				
			Select 2 Professional Electives below		
			KIN 243 Athletic Injuries	3	
Select 1 Statistics Course below			KIN 375G Exercise is Medicine	3	
PSY 200 Quantitative Methods	4		KIN 414 Adv. Strength & Conditioning	3	
STA 307 Biostatistics	4		KIN 401 Current Issues in Health Ed	3	
STA 308 Introductory Statistics	4		NFS 360 Sports Nutrition	3	
			PSY 255 Health Psychology	3	
			Other KIN or health-related course	3	
Total Credits	13			14	

*See page 4 for prerequisites

GENERAL EDUCATION REQUIREMENTS -40 Credits

Course	Credit	Knowledge			Competencies				Responsibilities			Integ.	Total
		U	U	U	U	U	U	U	U	U	U		
BIO 101	3	X											
BIO 103	1	X											
COM 100	3					X			X				
KIN 123	3	X							X				
KIN 420	3											X	
NFS 207	3	X						X					
PSY 113	3	X											
WRT106	3				X				X				

Total Credits

FREE Electives - Use free electives as needed to total 120 credits

Total Credits

*Students considering Physical Therapy should use free electives or general education courses to take graduate school prerequisites including but not limited to PHY 111, PHY 185, PHY 112, PHY 186, MTH 111, PSY 232 (see page 3).

An advisor signed copy of this sheet must be submitted to the Dean's Office with the Intent to Graduate Form.
Deadlines: 10/15 for May graduation; 11/15 for August graduation; 4/15 for December graduation.

Advisor's Signature_____Date_____

Notice of Change form

Notice of Change for: Update Catalog for CMB degree - Microbiology Option

Date: 02/18/2020

A. PROGRAM INFORMATION

1. Name of institution

University of Rhode Island

2. Name of department, division, school or college

Department: CMB

College: ELS

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

Initiation date: N/A

First degree date: N/A

4. Intended location of the program - Kingston

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

This change is to update the catalog description for the CMB degree – Microbiology Option. CMB 422, listed as a professional elective, is a course that no longer exists.

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

Microbiology Option. Students in the cell and molecular biology major may elect the microbiology option, which meets the guidelines for the American Society for Microbiology. Students who develop a strong interest in the clinical laboratory aspects of microbiology can easily move to URI's medical laboratory sciences program. This option is useful for students planning a career in microbiology or wanting to pursue graduate education in the broad area of microbiology or cell and molecular biology or attend dental, medical, or veterinary school.

The following additional courses are required for this option: the capstone experiences courses 333, 413, 414, 415, 416, and 495; and one course selected from CMB 412, ~~422~~, 432, 435, 450 or 576. Students in the microbiology option must take an additional 9 credits of 300 level or above CMB courses; or BIO 341, or 437.

7. Signature of the President

A handwritten signature in cursive script, appearing to read "David M. Dooley".

David M. Dooley

Cell & Molecular Biology
Microbiology Option
EL_CMBI_BS
120 Earned Credits Total

THE UNIVERSITY OF RHODE ISLAND

Student: _____
Student ID: _____
Advisor: _____

ABOUT Cell & Molecular Biology - Microbiology Option:

Microbiology is the study of microscopic organisms including bacteria, viruses, archaea, fungi, and protists. These are the most successful organisms on the planet and colonize all environments where liquid water exists. Activities of microorganisms drive the biogeochemistry of the earth. Microbes also affect our health and well being from birth in a number of ways including activating and training our immune system and causing or preventing disease. Students choosing to specialize in microbiology within the Cell and Molecular Biology major will become knowledgeable in all aspects of microbiology including microbial physiology, molecular biology and genetics, pathogenics, microbial ecology, immunology, and virology.

Step 1: REVIEW YOUR PROGRAM REQUIREMENTS

Cell & Molecular Biology (CMB)-Microbiology					37-38 Credits
Concentration Courses					(25 Credits)
Course Name	Course #	Semester	Credits	Grade	
Introductory Microbiology	*CMB 211		4		
Introductory Biochemistry	CMB 311		3		
Immunology and Serology	CMB 333	Fall _____	3		
General Genetics	CMB (BIO) 352		4		
Advanced Microbiology Lecture I	CMB 413	Fall _____	3		
Advanced Microbiology Laboratory I	CMB 415	Fall _____	2		
Advanced Microbiology Lecture II	CMB 414	Spring _____	3		
Advanced Microbiology Laboratory II	CMB 416	Spring _____	2		
Seminar in Cell and Molecular Biology	CMB 495	Fall _____	1		
Professional Electives					(12-13 Credits)
Select one course from the following: CMB 412, 432, 435, 450, 576 ; or CMB/MLS 422					(3-4 credits)
Course Name	Course #	Semester	Credits	Grade	
Select an additional 9 credits from any Any 300 level or higher CMB course; BIO 341 or 437					(9 Credits)
Course Name	Course #	Semester	Credits	Grade	

Minimum 2.0 cumulative GPA required in major and overall for graduation.

Major GPA = _____

Overall GPA = _____

*Course fulfills general education and a major requirement

Step 1: REVIEW YOUR PROGRAM REQUIREMENTS CONTINUED:

Introduction Requirement (1 credit)			
Course	Semester	Credits	Grade
URI 101		1	

BIOLOGY (8 credits)			
Course	Semester	Credits	Grade
*BIO 101		3	
*BIO 103		1	
*BIO 102		3	
*BIO 104		1	

CHEMISTRY Requirement: (16-18 credits)			
Course	Semester	Credits	Grade
*CHM 101		3	
CHM 102		1	
OR			
CHM 191		5	

AND			
Course	Semester	Credits	Grade
CHM 112		3	
CHM 114		1	

OR			
Course	Semester	Credits	Grade
CHM 192		5	

AND			
Course	Semester	Credits	Grade
CHM 227		3	
CHM 228		3	
CHM 226		2	

FREE ELECTIVES			
Course	Semester	Credits	Grade

MATH Requirement: (6-8 credits)			
Course	Semester	Credits	Grade
*MTH 131		3	
OR			
*MTH 141 Preferred		4	

AND 1 OF THE FOLLOWING: MTH *111, 132, *142; *CSC 201; STA 307, 308, or 409

Course	Semester	Credits	Grade

PHYSICS Requirement: (8 credits)			
Course	Semester	Credits	Grade
*PHY 111		3	
*PHY 185		1	
OR			
*PHY 203 Preferred		3	
*PHY 273 Preferred		1	

AND			
Course	Semester	Credits	Grade
*PHY 112		3	
*PHY 186		1	
OR			
*PHY 204 Preferred		3	
*PHY 274 Preferred		1	

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 can meet more than one outcome, but cannot be double counted towards the 40 credit total. At least one course must be a Grand Challenge course. More than twelve credits can have the same course code. General education courses may also be used to meet requirements for a major or minor when appropriate.

LIST COURSES THAT MEET GENERAL EDUCATION:

General Education Credit Count					
At least 40 credits, no more than 12 credits with the same course code					
Course	Credits	Grade		Course	Credits
*BIO 101	3				
*BIO 103	1				
*BIO 102	3				
*BIO 104	1				
*CHM 101	3				
*MTH ____					
*PHY ____	3				
*PHY ____	1				
*PHY ____	3				
*PHY ____	1				
*CMB 211	4				
			Total Gen Ed Credits		

NOTE: BECAUSE MOST COURSES MEET MORE THAN ONE OUTCOME, YOUR OUTCOME AUDIT MIGHT BE COMPLETED BEFORE YOU REACH YOUR 40 CREDITS. HOWEVER, YOU MUST STILL COMPLETE 40 CREDITS OF GENERAL EDUCATION

*course fulfills general education and a major requirement

LIST COURSE AS EACH OUTCOME IS MET

General Education Outcome
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 & Inclusion
INTEGRATE & APPLY
D1. Ability to synthesize
GRAND CHALLENGE
G. At least one course of your 40 credits is an approved "G" course

The requirement for transfer to CELS from University College for Academic Success is:

Minimum 30 credits and a minimum cumulative gpa of 2.0 or better.

Advising Notes:

come Audit

Course

BIO 101

MTH _____

CMB 211

B.S. Cell & Molecular Biology -Microbiology Option
Sample 4 Year Plan - Effective Fall 2019
College of the Environment & Life Sciences

Freshman Year *Fall* Semester

Course Code	Description	Cr
URI 101	Planning for Academic Success	1
*BIO 101/103	Principles of Biology I/Lab	4
*MTH ____	Precalculus, Applied Calculus I, or Introductory Calculus	3-4
*CHM 101/102	General Chemistry I/Lab	4
	*General Education	3-4
		15-17

Freshman Year *Spring* Semester

Course Code	Description	Cr
*BIO 102/104	Principles of Biology II/Lab	4
*CHM 112/114	General Chemistry II/Lab	4
	2nd required CSC, MTH, or STA course	3-4
	*General Education	3-4
	*General Education	3-4
		15-17

Year 1 Milestones: Complete BIO 101, 103, 102, 104, CHM 101, 102, 112, 114, MTH 131 or 141. Earn 30 credits with a cumulative GPA of 2.0 or higher.

Sophomore Year *Fall* Semester

Course Code	Description	Cr
CHM 227	Organic Chemistry Lecture I	3
*CMB 211	Introductory Microbiology	4
*PHY ____	General Physics I Lecture/Lab	4
	*General Education	3-4
	*General Education	3-4
		15-17

Sophomore Year *Spring* Semester

Course Code	Description	Cr
CHM 228	Organic Chemistry Lecture II	3
CMB 311	Introductory Biochemistry Lecture	3
*PHY ____	General Physics II Lecture/Lab	4
	Professional Elective	3
	*General Education	3-4
		15-17

Year 2 Milestones: Complete CMB 211, and 311. Begin Organic Chemistry sequence. Begin Physics sequence. Meet with a CMB Faculty advisor to discuss research opportunities and plan year 3 and 4 courses. Earn 60 total credits with a cumulative GPA of 2.0 or higher.

Junior Year *Fall* Semester

Course Code	Description	Cr
CHM 226	Organic Chemistry Lab	2
CMB 333	Immunology and Serology	3
	Professional Elective	3-4
	Professional Elective	3-4
	*General Education/Free Elective	3-4
		15-17

Junior Year *Spring* Semester

Course Code	Description	Cr
CMB 352	General Genetics	4
	Professional Elective	3-4
	Professional Elective	3-4
	*General Education/Free Elective	3-4
	*General Education/Free Elective	3-4
		15-17

Year 3 Milestones: Complete CMB 333, & 352. Complete Organic Chemistry sequence. Meet with a CMB Faculty advisor to plan year 3 and 4 courses. Earn 90 total credits with a cumulative GPA of 2.0 or higher. Prepare intent to graduate with faculty advisor for Fall submission.

Senior Year *Fall* Semester

Course Code	Description	Cr
CMB 495	Seminar in Cell & Molecular Biology	1
CMB 413	Advanced Microbiology Lecture I	3
CMB 414	Advanced Microbiology Laboratory I	2
	*General Education/Free Elective	
	*General Education/Free Elective	
		15-17

Senior Year *Spring* Semester

Course Code	Description	Cr
CMB 415	Advanced Microbiology Lecture II	3
CMB 416	Advanced Microbiology Laboratory II	2
	*General Education/Free Elective	3-4
	*General Education/Free Elective	3-4
	Professional Elective	3-4
		15-17

Year 4 Milestones: Complete CMB remaining microbiology concentration courses Earn total 120 credits with a cumulative GPA of 2.0 or higher. Minimum 2.0 cumulative GPA in CMB concentration courses.

Notice of Change form

Notice of Change for: Catalog Corrections for the CMB degree – Biochemistry Option

Date: 02/18/2020

A. PROGRAM INFORMATION

1. Name of institution

University of Rhode Island

2. Name of department, division, school or college

Department: CMB

College: ELS

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

Initiation date: N/A

First degree date: N/A

4. Intended location of the program - Kingston

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

This change is to update the catalog description for the CMB degree – Biochemistry Option. Both CMB 312 and CMB 412 are Biochemistry laboratory courses. We now require those in the Biochemistry Option to take the more advanced laboratory (CMB 412). Other minor changes to the professional electives are indicated below.

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

Biochemistry Option. Students in the cell and molecular biology major may elect the biochemistry option, which meets the guidelines of the American Society for Biochemistry and Molecular Biology, and provides additional training in advanced areas of biochemistry.

The following additional courses are required for this option: BIO 341, CMB 312 or 412 (preferred); and one any other 300 level or above CMB course determined in consultation with your advisor. ; BIO 341 plus one of the following electives: BIO 242; BPS 535; PHY 430.

7. Signature of the President

David M. Dooley

David M. Dooley

ABOUT Cell & Molecular Biology - Biochemistry Option:

Biochemistry is a fundamental science focusing on the understanding of living systems from a physical and chemical perspective. The biochemistry option emphasizes the study of cells and multicellular organisms through the lens of the molecular-level characterization of all biological macromolecules in order to define their structures and functions. The requirements for this option include focused biochemistry specialty courses in proteins, enzymes and physical chemistry plus laboratory courses that emphasize modern methods used to purify and physically and/or functionally characterize biological macromolecules; such as DNA, RNA, proteins, lipids, and carbohydrates.

Step 1: REVIEW YOUR PROGRAM REQUIREMENTS

Cell & Molecular Biology (CMB) - BIOCHEMISTRY					36-42 Credits
Concentration Courses					(30-36 Credits)
Course Name	Course #	Semester	Credits	Grade	
Introductory Microbiology	CMB 211		4		
Introductory Biochemistry	CMB 311		3		
Immunology and Serology	CMB 333	Fall _____	3		
General Genetics	CMB (BIO) 352		4		
Introductory Biochemistry Lab or <i>Advanced Biochemistry Lab I (preferred)</i>	CMB 312 or CMB 412		2-3		
Physical Biochemistry or Structural Biochemistry	CMB 421 or CMB 426		3		
Fundamentals of Molecular Biology	CMB (BIO) 437	Spring _____	3		
Proteins and Enzymes	CMB 482	Spring _____	3		
Research in Cell and Molecular Biology	CMB 491 (fall) or 492 (spring)		1-6		
Seminar in Cell and Molecular Biology	CMB 495	Fall _____	1		
Biological Sciences (BIO)					(3 Credits)
Course Name	Course #	Semester	Credits	Grade	
Principles of Cell Biology	BIO 341	Fall _____	3		
Professional Electives:					(3 Credits)
<i>Select an one additional 3 credits from one other 300 level or above CMB course, determined in consultation with your advisor.</i>					
Course Name	Course #	Semester	Credits	Grade	

Minimum 2.0 cumulative GPA required in major and overall for graduation.

Major GPA = _____

Overall GPA = _____

*Course fulfills general education and a major requirement

Step 1: REVIEW YOUR PROGRAM REQUIREMENTS CONTINUED:

Introduction Requirement				(1 credit)
Course	Semester	Credits	Grade	
URI 101		1		

BIOLOGY				(8 credits)
Course	Semester	Credits	Grade	
*BIO 101		3		
*BIO 103		1		
*BIO 102		3		
*BIO 104		1		

CHEMISTRY Requirement:				(16-18 credits)
Course	Semester	Credits	Grade	
*CHM 101		3		
CHM 102		1		
OR				
CHM 191		5		
AND				
Course	Semester	Credits	Grade	
CHM 112		3		
CHM 114		1		
OR				
CHM 192		5		
AND				
Course	Semester	Credits	Grade	
CHM 227		3		
CHM 228		3		
CHM 226		2		

FREE ELECTIVES				
Course	Semester	Credits	Grade	

MATH Requirement:				(6-8 credits)
Course	Semester	Credits	Grade	
*MTH 131		3		
OR				
*MTH 141 <i>Preferred</i>		4		

AND 1 OF THE FOLLOWING: MTH*111, 132, *142; *CSC201; STA307, 308, or 409

Course	Semester	Credits	Grade	

PHYSICS Requirement:				(8 credits)
Course	Semester	Credits	Grade	
*PHY 111		3		
*PHY 185		1		
OR				
*PHY 203 <i>Preferred</i>		3		
*PHY 273 <i>Preferred</i>		1		
AND				
Course	Semester	Credits	Grade	
*PHY 112		3		
*PHY 186		1		
OR				
*PHY 204 <i>Preferred</i>		3		
*PHY 274 <i>Preferred</i>		1		

ABOUT Cell & Molecular Biology - Biochemistry Option:

Biochemistry is a fundamental science focusing on the understanding of living systems from a physical and chemical perspective. The biochemistry option emphasizes the study of cells and multicellular organisms through the lens of the molecular-level characterization of all biological macromolecules in order to define their structures and functions. The requirements for this option include focused biochemistry specialty courses in proteins, enzymes and physical chemistry plus laboratory courses that emphasize modern methods used to purify and physically and/or functionally characterize biological macromolecules; such as DNA, RNA, proteins, lipids, and carbohydrates.

Step 1: REVIEW YOUR PROGRAM REQUIREMENTS

Cell & Molecular Biology (CMB) - BIOCHEMISTRY					36-42 Credits
Concentration Courses					(30-36 Credits)
Course Name	Course #	Semester	Credits	Grade	
Introductory Microbiology	CMB 211		4		
Introductory Biochemistry	CMB 311		3		
Immunology and Serology	CMB 333	Fall _____	3		
General Genetics	CMB (BIO) 352		4		
Introductory Biochemistry Lab or <i>Advanced Biochemistry Lab I (preferred)</i>	CMB 312 or CMB 412		2-3		
Physical Biochemistry or Structural Biochemistry	CMB 421 or CMB 426		3		
Fundamentals of Molecular Biology	CMB (BIO) 437	Spring _____	3		
Proteins and Enzymes	CMB 482	Spring _____	3		
Research in Cell and Molecular Biology	CMB 491 (fall) or 492 (spring)		1-6		
Seminar in Cell and Molecular Biology	CMB 495	Fall _____	1		
Biological Sciences (BIO)					(3 Credits)
Course Name	Course #	Semester	Credits	Grade	
Principles of Cell Biology	BIO 341	Fall _____	3		
Professional Electives:					(3 Credits)
<i>Select an one additional 3 credits from one other 300 level or above CMB course, determined in consultation with your advisor.</i>					
Course Name	Course #	Semester	Credits	Grade	

Minimum 2.0 cumulative GPA required in major and overall for graduation.

Major GPA = _____

Overall GPA = _____

*Course fulfills general education and a major requirement

Step 1: REVIEW YOUR PROGRAM REQUIREMENTS CONTINUED:

Introduction Requirement				(1 credit)
Course	Semester	Credits	Grade	
URI 101		1		

BIOLOGY				(8 credits)
Course	Semester	Credits	Grade	
*BIO 101		3		
*BIO 103		1		
*BIO 102		3		
*BIO 104		1		

CHEMISTRY Requirement:				(16-18 credits)
Course	Semester	Credits	Grade	
*CHM 101		3		
CHM 102		1		
OR				
CHM 191		5		
AND				
Course	Semester	Credits	Grade	
CHM 112		3		
CHM 114		1		
OR				
CHM 192		5		
AND				
Course	Semester	Credits	Grade	
CHM 227		3		
CHM 228		3		
CHM 226		2		

FREE ELECTIVES				
Course	Semester	Credits	Grade	

MATH Requirement:				(6-8 credits)
Course	Semester	Credits	Grade	
*MTH 131		3		
OR				
*MTH 141 <i>Preferred</i>		4		

AND 1 OF THE FOLLOWING: MTH*111, 132, *142; *CSC201; STA307, 308, or 409

Course	Semester	Credits	Grade	

PHYSICS Requirement:				(8 credits)
Course	Semester	Credits	Grade	
*PHY 111		3		
*PHY 185		1		
OR				
*PHY 203 <i>Preferred</i>		3		
*PHY 273 <i>Preferred</i>		1		
AND				
Course	Semester	Credits	Grade	
*PHY 112		3		
*PHY 186		1		
OR				
*PHY 204 <i>Preferred</i>		3		
*PHY 274 <i>Preferred</i>		1		

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. General education courses may also be used to meet requirements of the major or minor when appropriate.

LIST COURSES THAT MEET GENERAL EDUCATION:

General Education Credit Count						
At least 40 credits, no more than 12 credits with the same course code						
Course	Credits	Grade		Course	Credits	Grade
*BIO 101	3					
*BIO 103	1					
*BIO 102	3					
*BIO 104	1					
*CHM 101	3					
*MTH ____						
*PHY ____	3					
*PHY ____	1					
*PHY ____	3					
*PHY ____	1					
*CMB 211	4					
				Total Gen Ed Credits		

NOTE: BECAUSE MOST COURSES MEET MORE THAN ONE OUTCOME, YOUR OUTCOME AUDIT MIGHT BE COMPLETED BEFORE YOU REACH YOUR 40 CREDITS. HOWEVER, YOU MUST STILL COMPLETE 40 CREDITS OF GENERAL EDUCATION

***course fulfills general education and a major requirement**

LIST COURSE AS EACH OUTCOME IS MET:

General Education Outcome Audit	
	Course
KNOWLEDGE	
A1. STEM	BIO 101
A2. Social & Behavioral Sciences	
A3. Humanities	
A4. Arts & Design	
COMPETENCIES	
B1. Write effectively	
B2. Communicate effectively	
B3. Mathematical, statistical, or computational strategies	MTH _____
B4. Information literacy	
RESPONSIBILITIES	
C1. Civic knowledge & responsibilities	
C2. Global responsibilities	
C3. Diversity & Inclusion	
INTEGRATE & APPLY	
D1. Ability to synthesize	CMB 211
GRAND CHALLENGE	
G. At least one course of your 40 credits is an approved "G" course	

The requirement for transfer to CELS from University College for Academic Success is:

Minimum 30 credits and a minimum cumulative gpa of 2.0 or better.

Advising Notes:

B.S. Cell & Molecular Biology - Biochemistry Option

Sample 4 Year Plan - Effective Fall 2019

College of the Environment & Life Sciences

Freshman Year *Fall* Semester

Course Code	Description	Cr
URI 101	Planning for Academic Success	1
*BIO 101/103	Principles of Biology I/Lab	4
*MTH ____	Precalculus, Applied Calculus I, or Introductory Calculus	3-4
*CHM 101/102	General Chemistry I/Lab	4
	*General Education	3-4
		15-17

Freshman Year *Spring* Semes

Course Code	Description
*BIO 102/104	Principles of Biology II/Lab
*CHM 112/114	General Chemistry II/Lab
	2nd required CSC, MTH, or STA course
	*General Education
	*General Education

Year 1 Milestones: Complete **BIO** 101, 103, 102, 104, **CHM** 101, 102, 112, 114, **MTH** 131 or 141. Earn 30 credits with a cumulative GPA of 2.0 or higher.

Sophomore Year *Fall* Semester

Course Code	Description	Cr
CHM 227	Organic Chemistry Lecture I	3
CMB 211	Introductory Microbiology	4
*PHY ____	General Physics I Lecture/Lab	4
	*General Education	3-4
	*General Education	3-4
		15-17

Sophomore Year *Spring* Semes

Course Code	Description
CHM 228	Organic Chemistry Lecture II
CMB 311	Introductory Biochemistry Lecture
*PHY ____	General Physics II Lecture/Lab
	Professional Elective
	*General Education

Year 2 Milestones: Complete **CMB** 211, and 311. Begin Organic Chemistry sequence. Begin Physics sequence. Meet with a CMB Faculty advisor to plan year 3 and 4 courses. Earn 60 total credits with a cumulative GPA of 2.0 or higher.

Junior Year *Fall* Semester

Course Code	Description	Cr
CHM 226	Organic Chemistry Lab	2
CMB 333	Immunology and Serology	3
<i>BIO 341</i>	<i>Cell Biology</i>	3
CMB Elective	CMB Elective	3
	*General Education/Free Elective	3-4
		15-17

Junior Year *Spring* Semester

Course Code	Description
CMB 352	General Genetics
<i>CMB 421</i>	<i>Physical Biochemistry</i>
	*General Education/Free Elective
<i>CMB 312 or 412</i>	<i>Introductory Biochemistry Lab or Advanced Biochemistry Lab</i>

Year 3 Milestones: Complete *BIO 341 (341 is only taught in the Fall semester)*, *CMB 312 (312, 412, 421, 437, & 482 are only taught in the Spring)*, Complete Organic Chemistry sequence. Meet with a CMB Faculty advisor to plan year 4 courses. Earn 90 total credits with a cumulative GPA of 2.0 or higher. Meet with a CMB Faculty advisor for Fall submission.

Senior Year *Fall* Semester

Course Code	Description	Cr
CMB 495	Seminar in Cell & Molecular Biology	1
CMB 491	Research in Cell and Molecular Biology	1-6
	*General Education/Free Elective	3-4
	*General Education/Free Elective	3-4
		15-17

Senior Year *Spring* Semester

Course Code	Description
CMB 492	Research in Cell and Molecular Biology
<i>CMB 437</i>	<i>Fundamentals of Molecular Biology</i>
<i>CMB 482</i>	<i>Proteins and Enzymes</i>
	*General Education/Free Elective

Year 4 Milestones: Complete **CMB** remaining biochemistry concentration courses Earn total 120 credits with a cumulative GPA of 2.0 or higher. Minimum 3 credits in CMB concentration courses.

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B.S. Cell & Molecular Biology - Biochemistry Option

Sample 4 Year Plan - Effective Fall 2019

College of the Environment & Life Sciences

Freshman Year *Fall* Semester

Course Code	Description	Cr
URI 101	Planning for Academic Success	1
*BIO 101/103	Principles of Biology I/Lab	4
*MTH ____	Precalculus, Applied Calculus I, or Introductory Calculus	3-4
*CHM 101/102	General Chemistry I/Lab	4
	*General Education	3-4
		15-17

Freshman Year *Spring* Semes

Course Code	Description
*BIO 102/104	Principles of Biology II/Lab
*CHM 112/114	General Chemistry II/Lab
	2nd required CSC, MTH, or STA course
	*General Education
	*General Education

Year 1 Milestones: Complete **BIO** 101, 103, 102, 104, **CHM** 101, 102, 112, 114, **MTH** 131 or 141. Earn 30 credits with a cumulative GPA of 2.0 or higher.

Sophomore Year *Fall* Semester

Course Code	Description	Cr
CHM 227	Organic Chemistry Lecture I	3
CMB 211	Introductory Microbiology	4
*PHY ____	General Physics I Lecture/Lab	4
	*General Education	3-4
	*General Education	3-4
		15-17

Sophomore Year *Spring* Semes

Course Code	Description
CHM 228	Organic Chemistry Lecture II
CMB 311	Introductory Biochemistry Lecture
*PHY ____	General Physics II Lecture/Lab
	Professional Elective
	*General Education

Year 2 Milestones: Complete **CMB** 211, and 311. Begin Organic Chemistry sequence. Begin Physics sequence. Meet with a CMB Faculty advisor to plan year 3 and 4 courses. Earn 60 total credits with a cumulative GPA of 2.0 or higher.

Junior Year *Fall* Semester

Course Code	Description	Cr
CHM 226	Organic Chemistry Lab	2
CMB 333	Immunology and Serology	3
<i>BIO 341</i>	<i>Cell Biology</i>	3
CMB Elective	CMB Elective	3
	*General Education/Free Elective	3-4
		15-17

Junior Year *Spring* Semester

Course Code	Description
CMB 352	General Genetics
<i>CMB 421</i>	<i>Physical Biochemistry</i>
	*General Education/Free Elective
<i>CMB 312 or 412</i>	<i>Introductory Biochemistry Lab or Advanced Biochemistry Lab</i>

Year 3 Milestones: Complete *BIO 341 (341 is only taught in the Fall semester)*, *CMB 312 (312, 412, 421, 437, & 482 are only taught in the Spring)*, Complete Organic Chemistry sequence. Meet with a CMB Faculty advisor to plan year 4 courses. Earn 90 total credits with a cumulative GPA of 2.0 or higher. Meet with a CMB Faculty advisor for Fall submission.

Senior Year *Fall* Semester

Course Code	Description	Cr
CMB 495	Seminar in Cell & Molecular Biology	1
CMB 491	Research in Cell and Molecular Biology	1-6
	*General Education/Free Elective	3-4
	*General Education/Free Elective	3-4
		15-17

Senior Year *Spring* Semester

Course Code	Description
CMB 492	Research in Cell and Molecular Biology
<i>CMB 437</i>	<i>Fundamentals of Molecular Biology</i>
<i>CMB 482</i>	<i>Proteins and Enzymes</i>
	*General Education/Free Elective

Year 4 Milestones: Complete **CMB** remaining biochemistry concentration courses Earn total 120 credits with a cumulative GPA of 2.0 or higher. Minimum 3 credits in CMB concentration courses.

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Notice of Change form

Notice of Change for: Updates to the Medical Laboratory Science undergraduate program

Date: 02/07/2020

A. PROGRAM INFORMATION

1. Name of institution

University of Rhode Island

2. Name of department, division, school or college

Department: Cell and Molecular Biology

College: College of the Environment and Life Sciences

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

Initiation date: September 2020

First degree date: May 2024

4. Intended location of the program

URI main campus, Kingston, RI

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

The Medical Laboratory Science (MLS) undergraduate program, housed within the Department of Cell and Molecular Biology, is making the following modifications to the major curriculum:

- Remove CHM 226 (2 cr.), CHM 227 (3 cr.), CHM 228 (3 cr.) and CMB 432 (3 cr.) as required courses.
- Add CHM 124 (3 cr.), CHM 126 (1 cr.), CMB 352 (4 cr.), MLS 360 (3 cr.) and STA 307 or STA 308 (3 cr.) as required courses.
- Add a requirement for 6 credits of professional electives selected from the following courses: BIO 341 (3 cr.), CMB 320 (3 cr.), CMB 334 (3 cr.), CMB 432 (3 cr.), CMB 435 (3 cr.) and CMB 437 (3 cr.)

Rationale:

Medical Laboratory Science is concerned with the use and evaluation of diverse laboratory testing platforms aimed at the diagnosis, monitoring and treatment of human disease. Therefore, MLS students-in-training must develop a broad and specialized skill set in a variety of scientific disciplines in order to be successful in this career path. The curriculum

changes outlined above serve to strengthen the foundational training of students in the MLS program and better prepare them for success in the senior year clinical internship, which is a requirement for national certification as a Medical Laboratory Scientist.

CHM 124/126 (Intro. Organic Chemistry lecture/lab) provides sufficient training in organic chemistry for careers in MLS and the reduction in credits as compared to the previous organic chemistry sequence (CHM 226/227/228) allows flexibility in the curriculum for more pertinent courses that round out the scientific and analytical skill set required for MLS. STA 307/308 (Intro. Statistics/Biostatistics) provides students with the quantitative skills necessary to evaluate and interpret results obtained from laboratory instrumentation. CMB 352 (General Genetics) provides a comprehensive conceptual understanding of human genetics that is necessary to understand the basis for genetic diseases/disorders that are detected in the medical laboratory. MLS 360 (Fundamentals of the Medical Laboratory) is a new course that introduces students to the principles and practice of MLS early during the curriculum to enhance retention in the program and preparation for the clinical internship. Finally, by introducing a requirement for 6 credits of professional electives, students are afforded the opportunity to enroll in MLS-relevant courses that are of most interest to them as they decide which aspect of the medical laboratory they want to pursue in the future [BIO 341 (Cell Biology), CMB 334 (Virology), CMB 432 (Pathogenic Bacteriology), CMB 435 (Biology/Genetics of Cancer), CMB 437 (Molecular Biology)].

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

7. Signature of the President



David M. Dooley

Medical Laboratory Science

This major, offered by the Department of Cell and Molecular Biology, is designed to prepare students for applied careers in the medical laboratory and biomedical sciences, as well as to prepare students for graduate or professional school.

Students are required to take the following courses as part of the curriculum: BIO 101, ~~102~~3, 103 ~~and 102~~, 104, 220, 221, ~~and 222~~, 223; CHM 101, 102, 112, 114, ~~124, 126~~226, 227, and 228; CMB 201 or 211, 311, 333, 352; MLS 102, 360, 405, 406, 409, 410, 411, 412, 413, 414, 415, 416, 451, 483; MTH 111 or 131, or 141; PHY 111, 185; STA 307 or 308; and two of the following professional electives: BIO 341, CMB 320, 334, 432, 435, 437. A total of 120 credits is required for graduation.

During the first three years of the program, emphasis is on general education and on basic courses in the biological, chemical, and quantitative sciences. The courses of the senior year are taught off campus by clinical instructors from the schools of medical technology at affiliated hospitals. These schools are accredited by the National Accreditation Agency for Clinical Laboratory Sciences. The senior year is an 11-month clinical internship that begins in mid-June. It is taken at one or more of the following clinical agencies: Rhode Island Hospital, Miriam Hospital, Fatima Hospital, and the Rhode Island Blood Center. The clinical program includes lecture and laboratory instruction in clinical chemistry, clinical microbiology, hematology, immunology, immunohematology, and molecular pathology, and prepares the student for national certification examinations and state licensure.

Applicants to this curriculum should have completed 60 credits and taken most of the required courses by the end of the sophomore year. Students apply for acceptance into the clinical internship during their junior year and candidates are selected by the departmental curriculum committee and by program officials of the hospital schools. Since the number of student placements in the clinical internship is limited, interested students should consult with the program director early in their college career, so they will be familiar with the requirements and application procedures. Flexibility in the curriculum permits students who are not admitted to the program to fulfill

requirements for ~~the Bachelor of Science degree in one of several~~ other ~~concentrations-degrees~~ in the ~~departmentcollege~~. Students with a degree in a health profession, life science, or related field may apply to the clinical internship as a fifth year of study.

~~Required courses: MLS 405, 406, 409, 410, 411, 412, 413, 414, 415, 416, 451, and 483; CMB 201 or 211, 311, 333, 432.~~

Freshman Year First semester: 14-15 credits

CHM 101, 102 (4); BIO 101, 103 or 102, 104 (4); MTH 111 or 131 (3) or 141 (4); and ~~one~~ general education requirements (3).

Second semester: 1~~6~~5 credits

CHM 112, 114 (4); BIO 101, 103 or 102, 104 (4); MLS 102 (1); STA 307 or 308 (4); and ~~two~~ general education requirements ~~ss~~ (3~~6~~).

Sophomore Year First semester: 1~~5~~4 credits

BIO 220, 221 (4); CHM 124, 126~~227~~ (4~~3~~); PHY 111, 185 (4); and general education requirements (3).

Second semester: 1~~4~~9 credits

BIO 222, 223 (4); ~~CHM 226, 228 (5)~~; CMB 201 or 211 (4); MLS 360 (3); and general education requirements ~~ss~~ (3). ~~and free elective (3)~~.

Junior Year First semester: 15 credits

CMB 333 (3); MLS 483 (3); professional elective (3); and general education requirements (6~~9~~).

Second semester: 1~~6~~2 credits

CMB 311 (3); CMB 352~~432~~ (4~~3~~); professional elective (3); and general education requirements ~~electives~~ (6).

Senior Year First semester: 17 credits

MLS 405 (2), 409 (4), 411 (4), 413 (2), 415 (3), and 451 (2).

Second semester: 15 credits

MLS 406 (2), 410 (4), 412 (4), 414 (2), and 416 (3).

Biotechnology Manufacturing Option.

As of fall 2019, admission to the biotechnology manufacturing option has been suspended. Students may choose the Biotechnology B.S.

ABOUT THE BS in MEDICAL LABORATORY SCIENCE:

The Medical Laboratory Science major is concerned with the diagnosis, treatment, and prevention of disease using analytical methods in the clinical laboratory. The clinical program includes lecture and laboratory instruction in clinical chemistry, clinical microbiology, hematology, immunology, immunohematology and molecular pathology, and prepares the student for the national certification examinations and state licensure.

web.uri.edu/cmb/medical-laboratory-science.

Step 1: REVIEW YOUR PROGRAM REQUIREMENTS**INTRODUCTION Requirement: (2 credits)**

Course	Semester	Credits	Grade
MLS 102		1	
URI 101		1	

BIOLOGY Requirement: (16 credits)

Course	Semester	Credits	Grade
*BIO 101		3	
*BIO 103		1	
*BIO 102		3	
*BIO 104		1	
BIO 220		3	
BIO 221		1	
BIO 222		3	
BIO 223		1	

CHEMISTRY Requirement: (12 credits)

Course	Semester	Credits	Grade
*CHM 101		3	
CHM 102		1	
CHM 112		3	
CHM 114		1	
CHM 227		3	
CHM 228		3	
CHM 226		2	
CHM 124		3	
CHM 126		1	

MATH Requirement: (7-8 credits)

Select 1 from the following sequences:

Course	Semester	Credits	Grade
*MTH 111		3	
STA 307		4	
OR			
*MTH 131/141		3/4	
STA 307/308		4	

PHYSICS Requirement: (4 credits)

Course	Semester	Credits	Grade
*PHY 111		3	
*PHY 185		1	

CMB and MLS CONCENTRATION COURSES (20 credits)

Course	Semester	Credits	Grade
CMB 201 (preferred) or 211		4	
CMB 311		3	
CMB 333	Fall	3	
CMB 432		3	
CMB 352		4	
MLS 360	Spring	3	
*MLS 483	Fall	3	

PROFESSIONAL ELECTIVE COURSES (6 credits)

Any 2: BIO 341, CMB 320, 334, 432, 435, 437

Course	Semester	Credits	Grade
		3	
		3	

****MLS CLINICAL INTERNSHIP COURSES (32 credits)**

Course	Semester	Credits	Grade
MLS 405		2	
MLS 406		2	
MLS 409		4	
MLS 410		4	
MLS 411		4	
MLS 412		4	
MLS 413		2	
MLS 414		2	
MLS 415		3	
MLS 416		3	
MLS 451		2	

FREE ELECTIVES:

Course	Semester	Credits	Grade

*Course approved for general education.

****Important Note:** The senior year clinical internship (MLS 405-451) has limited placements and acceptance is competitive. Application to the MLS admission committee occurs at the beginning of the junior year; a minimum overall GPA and math/science GPA of ≥ 2.5 is required to be considered for the application process. The actual minimal GPA required for acceptance may be higher than 2.5; it is dependent upon the number of applicants and the number of interns placements. Students who do not meet the minimum 2.5 requirement to apply, or who are not accepted into the internship are advised to meet with an academic or professional advisor to determine a new course of study.

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. General education courses may also be used to meet requirements of the major or minor when appropriate.

LIST COURSES THAT MEET GENERAL EDUCATION:

General Education Credit Count						
At least 40 credits, no more than 12 credits with the same course code						
Course	Credits	Grade		Course	Credits	Grade
*BIO 101	3					
*BIO 103	1					
*BIO 102	3					
*BIO 104	1					
*CHM 101	3					
*MTH ____						
*PHY 111	3					
*PHY 185	1					
*MLS 483	3					

NOTE: BECAUSE MOST COURSES MEET MORE THAN ONE OUTCOME, YOUR OUTCOME AUDIT MIGHT BE COMPLETED BEFORE YOU REACH YOUR 40 CREDITS. HOWEVER, YOU MUST STILL COMPLETE 40 CREDITS OF GENERAL EDUCATION

*course fulfills general education and a major requirement

LIST COURSE AS EACH OUTCOME IS MET:

General Education Outcome Audit	
	Course
KNOWLEDGE	
A1. STEM	*BIO 101
A2. Social & Behavioral Sciences	
A3. Humanities	
A4. Arts & Design	
COMPETENCIES	
B1. Write effectively	
B2. Communicate effectively	
B3. Mathematical, statistical, or computational strategies	*MTH ____
B4. Information literacy	
RESPONSIBILITIES	
C1. Civic knowledge & responsibilities	
C2. Global responsibilities	
C3. Diversity & Inclusion	
INTEGRATE & APPLY	
D1. Ability to synthesize	*MLS 483
GRAND CHALLENGE	
G. At least one course of your 40 credits is an approved "G" course	

The requirement for transfer to CELS out of University College for Academic Success:

Minimum 24 credits and cumulative 2.0 GPA.

Advising Notes:

Minimum 2.0 cumulative GPA required in major for graduation.

**B.S. Medical Laboratory Science
Sample 4 Year Plan - Effective Fall 2018
College of The Environment and Life Sciences**

Freshman Year Fall Semester

Course Code	Description	Cr	Cum Cr
URI 101	Planning for Academic Success	1	
*BIO 101/103	Principles of Biology I/Lab	4	
*CHM 101/102	General Chemistry I/Lab	4	
*MTH 111 OR 131	Precalculus or Applied Calculus I	3	
	*General Education Course	3-4	
		15-16	15-16

Freshman Year Spring Semester

Course Code	Description	Cr	Cum Cr
*BIO 102/104	Principles of Biology II/Lab	4	
*CHM 112/114	General Chemistry II/Lab	4	
MLS 102	Intro to Clinical Lab Sci	1	
STA 307 OR 308	Intro. Statistics or Intro. Biostatistics	4	
	*General Education Course	3-4	
		16-17	31-33

Year 1 Milestones: Complete BIO 101/103, 102/104, CHM 112/114, MLS 102, MTH 111 OR 131 and STA 307 OR 308. Earn 30 credits with a cumulative GPA of 2.0 or higher.

Sophomore Year Fall Semester

Course Code	Description	Cr	Cum Cr
BIO 220/221	Anatomy & Physiology I lecture/lab	4	
CHM 124	Intro. to Organic Chemistry	3	
CHM 126	Lab for CHM 124	1	
*PHY 111/185	General Physics I, Lab	4	
	*General Education Course	3-4	
		15-16	46-49

Sophomore Year Spring Semester

Course Code	Description	Cr	Cum Cr
BIO 222/223	Anatomy & Physiology II lecture/lab	4	
CMB 201 OR 211	Introductory Medical Microbiology OR Integrative Microbiology	4	
MLS 360	Fundamentals of Medical Lab Science	3	
	*General Education Course	3-4	
		14-15	60-64

Year 2 Milestones: Complete CMB 201 OR 211, BIO 220/221, 222/223, CHM 124/126, MLS 360 and PHY 111/185. Meet with a MLS Faculty advisor to discuss research/internship opportunities and plan year 3 and 4 courses. Earn 60 total credits with a cumulative GPA of 2.0 or higher.

Junior Year Fall Semester

Course Code	Description	Cr	Cum Cr
CMB 333	Immunology & Serology	3	
MLS 483	Intro Diagnostic Microbiology	3	
	Professional Elective Course	3	
	*General Education Course	3-4	
	*General Education Course	3-4	
		15-17	75-81

Junior Year Spring Semester

Course Code	Description	Cr	Cum Cr
CMB 352	General Genetics	4	
CMB 311	Introductory Biochemistry	3	
	Professional Elective Course	3	
	*General Education or Elective	3-4	
	*General Education or Elective	3-4	
		16-18	91-99

Year 3 Milestones: Complete CMB 333, 311, 352, MLS 483 and two professional electives. Apply for placement in the clinical internship during the fall semester. Meet with a MLS Faculty advisor to discuss year 4 courses. Earn 90 total credits with a cumulative GPA of 2.0 or higher. Prepare intent to graduate with faculty advisor submission.

Senior Year Fall Semester

Course Code	Description	Cr	Cum Cr
MLS 405	Molecular Pathology	2	
MLS 409	Clinical Microbiology I	4	
MLS 411	Clinical Chemistry I	4	
MLS 413	Immunohematology I	2	
MLS 415	Hematology I	3	
MLS 451	Prof Topics in Clin Lab Science	2	
		17	108-116

Senior Year Spring Semester

Course Code	Description	Cr	Cum Cr
MLS 406	Clinical Immunology	2	
MLS 410	Clinical Microbiology II	4	
MLS 412	Clinical Chemistry II	4	
MLS 414	Immunohematology II	2	
MLS 416	Hematology II	3	
		15	123-131

Year 4 Milestones: Complete MLS internship. Earn total 120 credits with a cumulative GPA of 2.0 or higher. Minimum 2.0 cumulative GPA in CMB/MLS concentration courses.

Notice of Change form

Notice of Change for: The Doctor of Pharmacy Program

Date: February 19, 2020

A. PROGRAM INFORMATION

1. Name of institution

University of Rhode Island

2. Name of department, division, school or college

Department:

College: Pharmacy

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

Initiation date: Fall 2020 for the PharmD class of 2024

First degree date: May 19, 2024

4. Intended location of the program

Kingston, RI

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

The College of Pharmacy and the Curriculum Committee of the College have considered over the last several years, how best to update the PharmD program. Reasons for the changes include: 1) passage of new accreditation standards (ACPE Standards 2016 were released just after our last accreditation process in 2016. Our next accreditation process will take place in the Fall of 2023 and Spring of 2024), 2) update course material to reflect new disease treatments and, 3) adjust the curriculum to improve student success. In the Spring of 2019, the Faculty Senate approved our first phase of this process and we now complete curricular revision with this request for change.

1. Creation of a new series of courses from both College departments to teach disease pathophysiology, drug medicinal chemistry and pharmacology, and treatment in a fashion that spirals (scaffolds) knowledge from common conditions to acute care. We begin with common diseases seen in individuals living in the community (such as high blood pressure), progress to complex diseases seen in individuals living in the community (such as chronic congestive heart failure), to more serious disease conditions that require hospitalization (such as decompensated heart failure). In our

previous curriculum, all of the cardiology topics were in one semester in the early phase of the student's studies. That approach was integrated across disciplines and focused, but didn't allow for reinforcement over the semesters or build a student's understanding from less complex to more complex areas. Also, our students complete introductory practice experiences in their P1 and P2 years in environments where they are most likely to interact with patients with chronic outpatient types of diseases.

The new courses created include BPS 337, 338, 437, 438, 537, and 538 and are paired with PHP 327, 328, 427, 428, 527, 528. These new courses replace PHP/BPS 310, BPS 334, PHP 332 (cardio renal core), PHP/BPS 409, BPS 421, PHP 413 (ID pulmonary core), PHP/BPS 412, BPS 432, PHP 424 (CNS core), PHP/BPS 410, BPS 422, and PHP 414 (GI endo core), and PHP/BPS 526, BPS 521, and PHP 513 (oncology core).

2. The series of new PHP courses mentioned above include a 1-credit recitation to allow for small group discussion and application with practice patient cases. They replace PHC 327, 417, 427, 517, and 527.
 3. An increase in the compounding lab BPS 318 to 2 credits. This class has always been a 3-hour lab with a 1-hour recitation and therefore, wasn't properly credited.
 4. Creation of two new required courses to reflect accreditation standards and changes in treatment philosophy. They include PHP 509 to address pharmacotherapy needs of special populations (pediatrics and geriatrics) and BPS/PHP 547 Precision Medicine and Applied Pharmacogenomics. This later course will include pharmacokinetics and pharmacodynamics as well as information to help students understand how to properly dose and treat patients based on their genetic type.
 5. The changes from last year and this year allow for improved delivery of required material and therefore, BPS 325, 403, and 504 will no longer be needed. The material about drug metabolism and pharmacokinetics is now included in the new biopharmaceutics classes (approved last year) and the new BPS/PHP 547 course.
 6. Creation of a capstone course in the final didactic semester (spring of the third professional year) to ensure competence of all students in core areas so that they are 'rotation ready'. PHP 548 will be both skill and competency based and will incorporate the customary spring practice lab material and is graded in a satisfactory S/U manner. Accreditation standards mandate a process to ensure students are ready for their last year of rotations to protect patient safety.
 7. We complete updating the series of social and administrative science (SAS) courses that began last year by replacing PHP 504 Health Systems with PHP 508 SAS V.
6. If applicable, please include the existing URI catalog language and proposed catalog changes **indicated in Track Changes**.

7. Signature of the President



B. _____
David M. Dooley

Professional Curriculum

First Professional Year (P1)

First semester: 196 credits

BPS ~~313 (2)~~, 318 (~~21~~), 319 (3), ~~33721 (42)~~; PHP ~~303 (1)~~, 307 (3), 315 (3), ~~327 (3)~~ and either PHP 340 or 350 (1).

Second semester: 157 credits

~~PHP/BPS 310 (2)~~; BPS ~~338 (3)~~~~320 (3)~~, ~~BPS 325 (2)~~, ~~334 (2)~~; PHP 308 (3), ~~32832 (43)~~ and 303 (1); ~~FSN 444 (3)~~; PHC 316 (1), ~~327 (1)*~~.

Second Professional Year (P2)

First semester: 197 credits

PHP/BPS ~~409 (2)~~, 415 (3); BPS ~~320 (3)~~, ~~43721 (32)~~; PHP 407 (3), ~~427 (4)~~~~413 (3)~~, 450 (2); PHC 415 (1), ~~417 (1)*~~.

Second semester: 17 credits

~~PHP/BPS 412 (2)~~; BPS ~~4382 (32)~~, ~~403 (3)~~; PHP 408 (3), 418 (3), ~~4284 (42)~~; one professional elective (3); PHC 416 (1), ~~427 (1)*~~.

Third Professional Year (P3)

First semester: 197 credits

PHP/BPS ~~547410 (32)~~; BPS ~~537 (3)~~~~422 (2)~~, ~~504 (3)~~; PHP ~~509 (3)~~~~414 (3)~~, ~~527 (4)~~, 451 (1); one professional elective (3); PHC 515 (~~22~~), ~~517 (1)*~~.

Second semester: 169 credits

~~PHP/BPS 526 (2)~~; BPS ~~53821 (2)~~; ~~NFS 444 (3)~~; PHP 50~~84~~ (3), ~~52813 (42)~~, ~~548 (4)~~; 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.

The two-year preprofessional courses and the four-year professional coursework combine to equal a minimum of ~~20806~~ credits. Students also receive 1 credit for CPR training to reach the ~~20907~~ total credit value needed for graduation.

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

Note – the following 2 paragraphs will also be updated in the catalog with the new total credit amount.

Graduation requirements: Earn a minimum quality point average of 2.30, a grade of at least a C- (or demonstrated proficiency through remediation) in all required professional courses, successfully complete all other required courses, professional elective courses, Introductory and Advanced Pharmacy Practice Experiences, and earn at least ~~20907~~ credits.

Six-year Entry Level Curriculum Requirements

A total of ~~20907~~ credits is required for graduation. Proficiency in community CPR is also expected of each student prior to initiating advanced pharmacy practice experiences.

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.	Grade	Course	Cr.	Grade
			Total Gen Ed credits	> 40	

General Education Outcome Audit		
	Course Grade	
KNOWLEDGE		
A1. STEM		
A2. Social & Behavioral Sciences		
A3. Humanities		
A4. Arts & Design		
COMPETENCIES		
B1. Write effectively		
B2. Communicate effectively		
B3. Mathematical, statistical, or computational strategies		
B4. Information literacy		
RESPONSIBILITIES		
C1. Civic knowledge & responsibilities		
C2. Global 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		

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.
Microeconomics	ECN 201*		3
Ethics	PHL 212*		3
Communication	COM 100*		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 and Physiology I	BIO 220/221		4
Anatomy and Physiology II	BIO 222/223		4
Microbiology	CMB 201		4
Biochemistry	CMB 311		3
Biostatistics	STA 307		4
Calculus	MTH 131*		3

You must have a 2.7 minimum gpa with no grade less than C- in your basic math and science (pre-professional) courses And your overall gpa of 3.00

Professional Requirements			
P1 First Semester	Course	Grade	Cr.
Pharmaceutics I	BPS 319		3
Medicinal Chemistry Biomed & Pharm Sci I	BPS 337 43		4 2
Pharm. Tech. Lab	BPS 318		2 1
Pharmacology	BPS 321		2
SAS I	PHP 307		3
Immunizations Clin & Ther Sci I	PHP 303 PHP 327		1 3
Self-Care I	PHP 315		3
PHP Experience IPPE I	PHP 340 or 350		1
P1 Second Semester			
Foundations II	BPS/PHP 310		2
Biomed & Pharm Sci II Pharmaceutics II	BPS 338 20		3
Drug Metabolism Nutrition	NFS 444 BPS 325		3 2
Clin & Ther Sci II Pharmacology	PHP/BPS 328 34		4 2
Integrated Lab I	PHC 316		1
Interactive Learning IAL	PHC 327		1
SAS II	PHP 308		3
Immunizations Therapeutics	PHP 303 32		1 3
P2 First Semester			
Biomed & Pharm Sci III Pharmacology	BPS 437 21		3 2
Pharmaceutics II	BPS 320		3
Integrated lab II	PHC 415		1
Interactive Learning IAL	PHC 417		1
Foundations III	PHP/ BPS 409		2
Immunotherapeutics	PHP/BPS 415		3
SAS III	PHP 407		3
Clin & Ther Sci III Therapeutics	PHP 427 43		4 3
IPPE II	PHP 450 or 451(+)		2
P2 Second Semester			
Biomed & Pharm Sci IV Pharmacokinetics I	BPS 438 03		3
Clin & Ther Sci IV Pharmacology	PHP/BPS 428 32		4 2
Foundations IV	BPS/PHP 412		2
Integrated lab III	PHC 416		1
Interactive Learning IAL	PHC 427		1
SAS IV	PHP 408		3
Self Care II	PHP 418		3
Professional Elective Therapeutics	PHP 424		3 2

Doctor of Pharmacy
20907 Credits Total

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Professional Requirements			
P3 First Semester	Course	Grade	Cr.
Prec Med and Genomics Foundations V	BPS/PHP 547410		32
Biomed & Pharm Sci V Pharmacology	BPS 537422		32
Pharmacokinetics II	BPS 504		3
Integrated lab IV	PHC 515		2
Pedi & Geri Tx Interactive Learning - IAL	PHC 50917		31
Clin & Ther Sci V Therapeutics	PHP 527414		43
IPPE III	PHP 451		1
Professional Elective			3
P3 Second Semester			
Biomed & Pharm Sci VI Pharmacology	BPS 53821		23
Clin & Ther Sci VI Foundations V	BPS/PHP 5286		42
Capstone Nutrition	PHP 548NFS 444		43
Integrated lab V	PHC 516		2
IAL	PHC 527		1
SAS V Health Systems	PHP 5084		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 *			209 207
Must be CPR certified which adds 1 credit to equal 20907			

* Indicates requirements that also count as General Education Courses