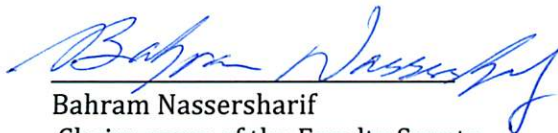THINK BIG   WE DO™

Serial Number #19-20-17B

TO: President David Dooley

FROM: Bahram Nassersharif, Chairperson of the Faculty Senate

1.   The attached BILL titled, the Curriculum and Standards Committee Report #2019-20-7: Curricular Proposals, is forwarded for your consideration.

2.   This BILL was adopted by vote of the Faculty Senate on <u>January 23, 2020.</u>

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 February 13, 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   January 23, 2020
Chairperson of the Faculty Senate

ENDORSEMENT

TO: Chairperson of the Faculty Senate

FROM: President of the University

a. Approved _✓_.

b. Approved subject to Notice of the Council on Postsecondary Education ___.

c. Disapproved ___.

_____   1.28.20
Signature of the President   (date)

UNIVERSITY OF RHODE ISLAND FACULTY SENATE
January 23, 2020

Faculty Senate Curriculum and Standards Committee
Report 2019-2020-7

At the December 19, 2019 meeting of the Curriculum and Standards Committee 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: (12)

COLLEGE OF ENGINEERING:
B.S. Electrical Engineering: **(See Appendix A)**
(Contact: Jared Abdirkin)
Changes in our faculty has resulted in some prior courses being created, modified, or deleted; hence, we are updating the language on what constitutes an appropriate selection of professional electives.

~~**International Engineering Program (+8 ENGR BS degrees)**~~   ~~**(See Appendix B)**~~
~~**(Contact: Jared Abdirkin)**~~
~~To permit flexibility in notating an International Engineering Program (IEP) "subplan" on a student's transcript, and maintain that notation upon Engineering Bachelor of Science degree conferral, we propose to alter the definition of IEP pursuit and completion.~~

COLLEGE OF ARTS AND SCIENCES:
Physics Department: **(Contact: Leonard Kahn)**
BS - Physics and Physical Oceanography   **(See Appendix E)**
Replace PHY 510 with MTH 400-level course to satisfy the major requirement for the Physics and Physical Oceanography BS degree. Undergraduates are not prepared for the 500-level course.

BS - Physics   **(See Appendix F)**
Replace PHY 510 with MTH 400-level course to satisfy the major requirement for the Physics BS degree. Undergraduates are not prepared for the 500-level course.

Computer Science Department: **(Contact: Lisa Dipippo)**
Minor in Cyber Security: **(See Appendix G)**
We are making two minor changes to the minor requirements:
1. We are changing the minor to require CSF 202 instead of CSF 102. CSF 202 is a new course that we are proposing concurrently with this proposal. It will provide a more technically deep background in cyber security than CSF 102.
2. We are adding CSC 477 to the list of courses students can choose as an option. CSC 477 is a Computer Science Internship, which can include work related to Cyber Security

Minor in Digital Forensics: **(See Appendix H)**
We are making two minor changes to the minor requirements:
1. We are changing the minor to require CSF 202 instead of CSF 102. CSF 202 is a new course that we are proposing concurrently with this proposal. It will provide a more technically deep background in cyber security than CSF 102.
2. We are adding CSC 477 to the list of courses students can choose as an option. CSC 477 is a Computer Science Internship, which can include work related to Cyber Security.

BS in Computer Science: **(See Appendix I)**
We are proposing several minor changes to the BS in Computer Science:
1) Add lab components to BIO 101 and 102 to list of acceptable science courses.
2) Add CSC 477 Computer Science Internship to list of required courses.
3) Add CSC 477 as excluded course in CSC electives so that student cannot take this course as a 300-level or higher CSC elective.

Music Department: **(Contact: Audrey Cardany)**
Changes to Music Minors: **(See Appendix J)**
Changes to the music minor include addressing the requirement from the institution that minors have a minimum of the credits earned at the 200-level. Additional flexibility was added with students able to select additional credits in applied or ensemble, as well as more flexibility in academic music courses they can take to fulfill the minor.

Changes to BM, BA and Minors in Music: **(See Appendix K)**
The music department is revising the sequence of studio instruction to address the needs of all students who seek to study music. Addresses changes to MUS 110, 210, 310, and 410 series courses as well as MUS 300.

Change to BM in Music Education: **(See Appendix L)**
The changes proposed here were prompted by three main rationales: a) addressing the deficiencies of the program outlined by RIDE accreditation, b) aiming to meet the Institution's recommendation of 120 credits for professional majors, and c) providing a curriculum that results in flexible musician-teachers for success in the ever-changing music education profession.

Notice of Change form

Notice of Change for: B.S. Electrical Engineering

Date: August 22, 2019

A. PROGRAM INFORMATION

1. **Name of institution**
   University of Rhode Island

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

   Department: Electrical, Computer, and Biomedical Engineering
   College: Engineering

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 Campus

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

Changes in our faculty has resulted in some prior courses being created, modified, or deleted; hence, we are updating the language on what constitutes an appropriate selection of professional electives.

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

The electrical engineering major:

Freshman Year First semester: 15 credits
CHM 101 (3), 102 (1); ECN 201 (3); EGR 105 (1); MTH 141 (4); and general education outcome(s)[1] (3).

Second semester: 15 credits
CSC 200 (4); EGR 106 (2); ELE 101 (1); MTH 142 (4); and PHY 203 (3), 273 (1).

Sophomore Year First semester: 17 credits
ELE 201 (3), 202 (1); MTH 244; PHY 204 (3), 274 (1); and general education outcome(s)[1] (6).

Second semester: 15 credits
ELE 205 (2), 206 (1), 212 (4), 215 (1); MTH 243 (3); and PHY 205 (3), 275 (1).

Junior Year First semester: 16 credits
ELE 313 (3), 338 (3), 339 (1); MTH 215 (3), 451 (3) **or** ISE 311 (3); and general education outcome(s)[1] (3).

Second semester: 15 credits
ELE 301 (3), 302 (1), 314 (3), 322 (4), 343 (3), 344 (1).

Senior Year First semester: 14–16 credits
ELE 400 (1), 480 (3) [**capstone**] – **(see note)**

Second semester: 15–16 credits
ELE 481 (3) [**capstone**] – **(see note)**

Note: Senior Year total credits for two (2) semesters: 29–32. See your advisor for help in preparing a suitable program. **Required courses:** ~~professional elective[2] (4);~~ professional electives[2] (**13–16** ~~9–12~~); general education outcome(s)[1](9).

[1]General Education Outcomes (A1–D1): if all outcomes are satisfied in fewer spaces than provided, you must take a course(s) of your choice (Free Elective) to ensure that you have earned at least 120 credits to earn a BS degree. A complete detailing of these requirements is listed in the college's curriculum requirements section of this catalog.

[2]Professional Elective Requirements: Four (4) courses that satisfy **both** of the following:

(a) Three (3) courses from: ELE 423**/424**, 425, ~~432,~~ 435/436, ~~444/445,~~ 447/448, 456, 457, 458/459, ~~and at least one (1) must be from: 401/402, 423, 432, 444/445, 447/448; and~~ **of which** at least one (1) must include a lab component (~~401/402,~~ **423/424,** 435/436, ~~444/445,~~ 447/448, 458/459).

(b) The fourth course must be from: an additional course **from (a) above;** ~~BME/ELE 461;~~ ELE 405/406, 408/409, 437, 438, 470; **with prior approval** of the electrical, computer, and biomedical engineering department chairperson, any other 300-, or 400-level College of Engineering course not required by the ELE major.

7. **Signature of the President**

_____
David M. Dooley

Notice of Change form

Notice of Change for Department of Physics: Replace PHY510 with MTH400-level course for the graduation requirement for Physics and Physical Oceanography BS degree.

Date: 8/15/19

A.   PROGRAM INFORMATION

1. **Name of institution**
    University of Rhode Island

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

    Department: Physics
    College:A&S

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

    Initiation date: 1/2020
    First degree date: 5/2020

4. **Intended location of the program**
    College of Arts and Sciences, URI, Kingston

5. **Summary description of proposed program (not to exceed 2 pages).**
    Replace PHY510 with MTH400-level course to satisfy the major requirement for the Physics and Physical Oceanography BS degree. Undergraduates are not prepared for the 500-level course.

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

Chair, Department of Physics: Leonard M. Kahn

Dean, College of Arts and Sciences:

7.   Signature of the President

Rebecca Romanow
Digitally signed by Rebecca Romanow
Date: 2019.10.10 13:24:01 -04'00'

Nedra Reynolds
Digitally signed by Nedra Reynolds
Date: 2019.10.10 14:17:59 -04'00'

_____

David M. Dooley

B.   Physics and Physical Oceanography

The Department of Physics and the Graduate School of Oceanography offer a Bachelor of Science (B.S.) degree in physics and physical oceanography.

….

A total of 129 credits is required for graduation.

Freshman Year First semester: 17 credits
MTH 141 (4); OCG 110 (3); PHY 203, 273 (4), General Education requirements and electives (6).

Second semester: 16 credits
CHM 101, 102 (4); MTH 142 (4); OCG 123 (4); PHY 204, 274 (4).

Sophomore Year First semester: 17 credits
CSC 211 (4); MTH 243 (3); PHY 205, 275 (4), General Education requirements and electives (6).

Second semester: 17 credits
MTH 244 (3); PHY 306 (3); 410 (3), General Education requirements and electives (8).

Junior Year First semester: 17 credits
PHY 322 (3), 381 (3); MTH 215 (3), General Education requirements and electives (8).

Second semester: 17 credits
MCE 354 (3); PHY 331 (3), 382 (3), General Education requirements and electives (8).

Senior Year First semester: 16 credits
OCG 501 (3); PHY 401 (1), 420 (3), 451 (3), 483 (3), General Education requirements and electives (3).

Second semester: 12 credits
OCG 510 (3); PHY 425 (3), 484 (3), and ~~510 (3)~~MTH400-level course (3).

THE UNIVERSITY OF RHODE ISLAND

Mary Michelini <mmichelini@uri.edu>

Math Dept letter of support
1 message

Leonard Kahn <lenkahn@uri.edu>   Wed, Sep 18, 2019 at 11:33 AM
To: Mary Michelini <mmichelini@uri.edu>

Hi Mary,

This should do it.

Thanks again,

Len

-------- Forwarded Message --------
Subject: Re: Letter for Physics Change
   Date: Wed, 18 Sep 2019 10:08:02 -0400
  From: James Baglama <jbaglama@uri.edu>
     To: Leonard Kahn <lenkahn@uri.edu>

Hi, Leonard.

Thank you for reaching out. The math department supports this change. Physics majors are among the strongest students in our math classes.

Best,
Jim

****
James Baglama
Professor and Chair
Department of Mathematics
University of Rhode Island
jbaglama@uri.edu
http://www.math.uri.edu/~jbaglama
Phone: 401-874-2709
Fax: 401-874-4454
****

On Sep 18, 2019, at 8:10 AM, Leonard Kahn <lenkahn@uri.edu> wrote:

Hi James,

The Physics department currently requires PHY510, Mathematical Methods of Physics 1, for the BS degree in both Physics and Physics and Physical Oceanography. Few of our seniors are equipped or have the time for that intensive course; furthermore, it is only offered in alternate years. As a result, we have been signing waivers when students take a 400-level math course instead. To avoid this paper work and the occasional delay in clearing the audit, the department put forward a Notice of Change to the college curriculum committee stating that the graduation requirement should be changed to PHY510 or MTH4XX. This request has been conditionally approved pending acknowledgement from you department that you have no objections. Of course, nothing in the change affects any math course pre-reqs. We have approximately 8-10 majors per year.

If you have no objections, would you please send me a short note that I could forward to the committee.

I appreciate your time in this matter.

Best,

Leonard

Notice of Change for Department of Physics: Replace PHY510 with MTH400-level course for the graduation requirement for Physics BS degree.

Date: 8/15/19

A.   **PROGRAM INFORMATION**

1. **Name of institution**
   University of Rhode Island

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

   Department: Physics
   College:A&S

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

   Initiation date: 1/2020
   First degree date: 5/2020

4. **Intended location of the program**
   College of Arts and Sciences, URI, Kingston

5. **Summary description of proposed program (not to exceed 2 pages).**
   Replace PHY510 with MTH400-level course to satisfy the major requirement for the Physics BS degree. Undergraduates are not prepared for the 500-level course.

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

Chair, Department of Physics: Leonard M. Kahn

Rebecca Romanow
Digitally signed by Rebecca Romanow
Date: 2019.10.10 13:25:01 -04'00'

Dean, College of Arts and Sciences:

Nedra Reynolds
Digitally signed by Nedra Reynolds
Date: 2019.10.10 14:18:26 -04'00'

7. **Signature of the President**

David M. Dooley

Physics

....

BACHELOR OF SCIENCE

This curriculum provides a general background in both theoretical and experimental physics. It forms a foundation for further study at the graduate level toward an advanced degree, and also prepares the student for a career as a professional physicist in industry, education, or government. Initiative, independent solution of laboratory problems, and research are encouraged in the advanced laboratory courses.

.....

Freshman Year First semester: 14 credits
MTH 141 (4); PHY 203/273 (4), General Education requirements and electives (6).

Second semester: 16 credits
MTH 142 (4); PHY 204/274 (4), General Education requirements and electives (8).

Sophomore Year First semester: 17 credits
CSC 211 (4); MTH 243 (3); PHY 205/275 (4), General Education requirements and electives (6).

Second semester: 14 credits
MTH 244 (3); PHY 306 (3), 410 (3), General Education requirements and electives (5).

Junior Year First semester: 14 credits
PHY 322 (3), 381 (3); MTH 215 (3), General Education requirements and electives (5).

Second semester: 17 credits
Mathematics elective at the 300 or 400 level (3), PHY 331 (3), 382 (3), General Education requirements and electives (8).

Senior Year First semester: 13 credits
PHY 401 (1), 420 (3), 451 (3), 483 (3), General Education requirements and electives (3).

Second semester: 15 credits
PHY 452 (3), 455 (3), 484 (3), ~~510 (3)~~ MTH400-level course (3), General Education requirements and electives (3).

THE
UNIVERSITY
OF RHODE ISLAND

Mary Michelini <mmichelini@uri.edu>

Math Dept letter of support
1 message

Leonard Kahn <lenkahn@uri.edu>   Wed, Sep 18, 2019 at 11:33 AM
To: Mary Michelini <mmichelini@uri.edu>

Hi Mary,

This should do it.

Thanks again,

Len

-------- Forwarded Message --------
Subject: Re: Letter for Physics Change
Date: Wed, 18 Sep 2019 10:08:02 -0400
From: James Baglama <jbaglama@uri.edu>
To: Leonard Kahn <lenkahn@uri.edu>

Hi, Leonard.

Thank you for reaching out. The math department supports this change. Physics majors are among the strongest students in our math classes.

Best,
Jim

****
James Baglama
Professor and Chair
Department of Mathematics
University of Rhode Island
jbaglama@uri.edu
http://www.math.uri.edu/~jbaglama
Phone: 401-874-2709
Fax: 401-874-4454
****

On Sep 18, 2019, at 8:10 AM, Leonard Kahn <lenkahn@uri.edu> wrote:

Hi James,

The Physics department currently requires PHY510, Mathematical Methods of Physics 1, for the BS degree in both Physics and Physics and Physical Oceanography. Few of our seniors are equipped or have the time for that intensive course; furthermore, it is only offered in alternate years. As a result, we have been signing waivers when students take a 400-level math course instead. To avoid this paper work and the occasional delay in clearing the audit, the department put forward a Notice of Change to the college curriculum committee stating that the graduation requirement should be changed to PHY510 or MTH4XX. This request has been conditionally approved pending acknowledgement from you department that you have no objections. Of course, nothing in the change affects any math course pre-reqs. We have approximately 8-10 majors per year.

If you have no objections, would you please send me a short note that I could forward to the committee.

I appreciate your time in this matter.

Best,

Leonard

THE

UNIVERSITY
OF RHODE ISLAND

Appendix G

Revised 8/2016

Notice of Change form

Notice of Change for: Minor in Cyber Security

Date: 8/2/2019

A.   PROGRAM INFORMATION

1. **Name of institution**
    University of Rhode Island

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

    Department: Computer Science and Statistics
    College: Arts and 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 2021

4. **Intended location of the program**

    Kingston

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

    We are making two minor changes to the minor requirements:

    1) We are changing the minor to require CSF 202 instead of CSF 102. CSF 202 is a new course that we are proposing concurrently with this proposal. It will provide a more technically deep background in cyber security than CSF 102.
    2) We are adding CSC 477 to the list of courses students can choose as an option. CSC 477 is a Computer Science Internship, which can include work related to Cyber Security.

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

Current Catalog Language:

Minor in Cyber Security
Students declaring a minor in cyber security must complete 19-20 credits by completing the following courses: CSC 201 (4) (non-Computer Science majors), CSF 102 (4), CSF 430 (4), CSF 432 (4), CSF 434 (4). Computer Science majors choose one or more courses from: CSF 410 (4), 462 (4), CSC 417 (4), 418 (4), 499 (4) or other faculty approved courses.

Students intending to pursue a minor in Digital Forensics in addition to the minor in Cyber Security may take at most one course that will count towards both minors.

Proposed Catalog Language with Track Changes:

Minor in Cyber Security
Students declaring a minor in cyber security must complete 19-20 credits by completing the following courses: CSC 201 (4) (non-Computer Science majors), CSF 102 202 (4), CSF 430 (4), CSF 432 (4), CSF 434 (4). Computer Science majors choose one or more courses from: CSF 410 (4), 462 (4), CSC 417 (4), 418 (4), 477 (4), 499 (4) or other faculty approved courses.

Students intending to pursue a minor in Digital Forensics in addition to the minor in Cyber Security may take at most one course that will count towards both minors.

7. Signature of the President

_____
David M. Dooley

THE

UNIVERSITY

OF RHODE ISLAND

Appendix H

Revised 8/2016

Notice of Change form

Notice of Change for: Minor in Digital Forensics

Date: 8/2/2019

A. PROGRAM INFORMATION

1. Name of institution
   University of Rhode Island

2. Name of department, division, school or college

   Department: Computer Science and Statistics
   College: Arts and 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 2021

4. Intended location of the program

   Kingston

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

   We are making two minor changes to the minor requirements:

   1) We are changing the minor to require CSF 202 instead of CSF 102. CSF 202 is a new course that we are proposing concurrently with this proposal. It will provide a more technically deep background in cyber security than CSF 102.
   2) We are adding CSC 477 to the list of courses students can choose as an option. CSC 477 is a Computer Science Internship, which can include work related to Cyber Security.

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

    ## Current Catalog Language:

    Minor in Digital Forensics
    Students declaring a minor in digital forensics must earn 19 credits by completing the following courses: CSC 201 (4) (non-Computer Science majors), CSF 102 (4), CSF 410 (4), 412 (4); Computer Science majors choose two more courses from the following, non-Computer Science majors choose one more course from the following: HPR 108 (3), CHM 392 (3), PSC 274/SOC 274 (3), PSC 388 (3), CSC 491 (1-3), CSC 499 (1-3), other faculty-approved courses.

    Students intending to pursue a minor in Digital Forensics in addition to the minor in Cyber Security may take at most one course that will count towards both minors.

    ## Proposed Catalog Language with Track Changes:

    Minor in Digital Forensics
    Students declaring a minor in digital forensics must earn 19 credits by completing the following courses: CSC 201 (4) (non-Computer Science majors), CSF ~~102~~ 202 (4), CSF 410 (4), 412 (4); Computer Science majors choose two more courses from the following, non-Computer Science majors choose one more course from the following: HPR 108 (3), CHM 392 (3), PSC 274/SOC 274 (3), PSC 388 (3), CSC 491 (1-3), CSC 477 (1-3), CSC 499 (1-3), other faculty-approved courses.

    Students intending to pursue a minor in Digital Forensics in addition to the minor in Cyber Security may take at most one course that will count towards both minors.

7. Signature of the President

    _____

    David M. Dooley

THE

UNIVERSITY
OF RHODE ISLAND

Appendix I

Revised 8/2016

Notice of Change form

Notice of Change for: BS in Computer Science

Date: 8/31/2019

A. **PROGRAM INFORMATION**

1. **Name of institution**
   University of Rhode Island

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

   Department: Computer Science and Statistics
   College: Arts and 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: May 2020

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

5. **Summary description of proposed program (not to exceed 2 pages).**
   We are proposing several minor changes to the BS in Computer Science:

   1) Add lab components to BIO 101 and 102 to list of acceptable science courses.
   2) Add CSC 477 Computer Science Internship to list of required courses.
   3) Add CSC 477 as excluded course in CSC electives so that student cannot take this course as a 300-level or higher CSC elective.

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

7. Signature of the President

_____

David M. Dooley

BACHELOR OF SCIENCE

The B.S. curriculum is designed to provide a broad introduction to the fundamentals of computer science including software and systems, programming languages, machine architecture, and theoretical foundations of computing. The required mathematics preparation provides a basis for advanced work. Students will be well prepared for careers or graduate study in computer science.

In order to transfer from University College to Arts and Sciences as a B.S. computer science major (or to be coded as such in the College of Arts and Sciences), a student must have completed CSC 110 and CSC 211 and must have at least a 2.00 cumulative GPA in all CSC and MTH courses required in the B.S. program that have been completed at the time of the application for transfer.

Students in the B.S. curriculum must complete a minimum of 56 credits as follows: CSC 106 (4), 110 (4), 211 (4), 212 (4), 301 (4), 305 (4), 340 (4), 411 (4), 412 (4), 440 (4), one course from CSC 477 and 499 (4); one course from CSC 402, 406, 415, 436, 450, 462, 481, and 493 (4); any two additional CSC or CSF courses at the 300-level or above, only one of the two courses may be a CSF course, CSC 392 and 491 may be used only with prior departmental approval. CSC 494, 477 and 499 may not be used.

Students must also complete MTH 180 (3), 141 (4), 142 (4), and one course from MTH 215, 243, 244, 322, 362, 382, ISE 432, STA 307, 308, 409, 411, 412 (3 or 4); two science courses from PHY 203/273, 204/274, CHM 101/102, 112/114, BIO 101/103, 102/104, GEO 103, OCG 123 (8); and one course from WRT 104, 106, and HPR 112 (3); and WRT 201 or WRT 332 (3).

A total of 120 credits is required for graduation. A possible course of studies follows.

Freshman Year First semester: 14 credits
CSC 106 (4) B3; URI 101 (1); WRT 104 (3); MTH 180 (3); Gen Ed (3).
Second semester: 15 credits
CSC 110 (4); MTH 141 (4); Elective (3); Gen Ed (4).
Sophomore Year First semester: 15 credits
CSC 211 (4); MTH 142 (4); Science Requirement (4); Gen Ed (3).
Second semester: 16 credits
CSC 212 (4); MTH Req (3); WRT 332(3); Elective(6).
Junior Year First semester: 15 credits
CSC 301 (4), 305 (4); Gen Ed (3); Science Req (4).

Second semester: 15 credits
CSC 340 (4), 412 (4), CSC programming elective (4), Elective (3).
Senior Year First semester: 15 credits
CSC 411 (4), 440 (4), CSC 477 or 499(4); Gen Ed (3).
Second semester: 15credits
CSC elective (4), CSC/CSF elective (4); Gen Ed (4); Elective (3).

THE UNIVERSITY OF RHODE ISLAND

Mary Michelini <mmichelini@uri.edu>

Fwd: Computer Science science requirements

Lisa DiPippo <ldipippo@uri.edu>   Wed, Oct 16, 2019 at 2:28 PM
To: Mary Michelini <mmichelini@uri.edu>

Mary,

Here is an email from Alison Roberts, Chair of Biological Sciences stating her support for the change we have proposed to our BS CS science requirement.

Thanks,

Lisa

Dr. Lisa DiPippo, Chair
Department of Computer Science and Statistics
University of Rhode Island
Kingston, RI 02881
401-874-2701

Begin forwarded message:

From: Alison Roberts <aroberts@uri.edu>
Subject: Re: Computer Science science requirements
Date: October 16, 2019 at 11:02:08 AM EDT
To: Lisa DiPippo <ldipippo@uri.edu>

Hello Lisa,

I support this change.

Best,
Alison

On Wed, Oct 16, 2019 at 10:33 AM Lisa DiPippo <ldipippo@uri.edu> wrote:
> Hello Alison,
>
> I am the Chair of the Department of Computer Science and Statistics. We are proposing a small change to our BS degree in Computer Science that involves a couple of BIO courses. The existing curriculum requirement is stated as follows:
>
>> Students must also complete MTH 180 (3), 141 (4), 142 (4), and one course from MTH 215, 243, 244, 322, 362, 382, ISE 432, STA 307, 308, 409, 411, 412 (3 or 4); two science courses from PHY 203/273, 204/274, CHM 101/102, 112/114, **BIO 101, 102,** GEO 103, OCG 123 (8); and one course from WRT 104, 106, and HPR 112 (3); and WRT 201 or WRT 332 (3).
>
> We are proposing to change it to read as follows:
>
>> Students must also complete MTH 180 (3), 141 (4), 142 (4), and one course from MTH 215, 243, 244, 322, 362, 382, ISE 432, STA 307, 308, 409, 411, 412 (3 or 4); two science courses from PHY 203/273, 204/274, CHM 101/102, 112/114, **BIO 101/103, 102/104**, GEO 103, OCG 123 (8); and one course from WRT 104, 106, and HPR 112 (3); and WRT 201 or WRT 332 (3).

We are making this change to ensure that students take both the lecture and the lab courses in order to meet the science requirement.

Because this change involves BIO classes, I need a note from you as Chair indicating your support for this modification. If you agree that this change is appropriate, can you please provide me with an email stating your support for the change? If not, please let me know what questions I can answer for you.

Thank you very much,

Lisa

Dr. Lisa DiPippo, Chair
Department of Computer Science and Statistics
University of Rhode Island
Kingston, RI 02881
401-874-2701

--
Alison Roberts, Professor
Department of Biological Sciences
University of Rhode Island
120 Flagg Road
Kingston, RI 02881 USA

120 Credits Total
56 Credits in Major

ABOUT THE COMPUTER SCIENCE BS DEGREE:

The BS program in Computer Science is designed to provide a broad introduction to the fundamentals of computer science including software and systems, programming languages, machine architecture, and theoretical foundations of computing. The required mathematics preparation provides a basis for advanced work.

STEP 1:

Major Requirements:

Course	Semester	Credits	Grade
CSC 106*		4	
CSC 110		4	
CSC 211		4	
CSC 212		4	
CSC 301		4	
CSC 305*		4	
CSC 340		4	
CSC 411		4	
CSC 412		4	
CSC 440		4	
CSC 499 or 477		4	
Two CSC or CSF courses at the 300-level or above. CSC 392, 491 may only be used with departmental permission. CSC 477, 494 and 499 may not be used. Only one course may be CSF.			
		4	
		4	
One course from: CSC 402, 406, 415, 436, 450, 462, 481, 493			
CSC ____		4	

Additional Major Requirements

Course	Semester	Credits	Grade
MTH 180*		3	
MTH 141*		4	
MTH 142*		4	
One course from: MTH 215, 243*, 244, 322, 362, 382, ISE 332, STA 307, 308, 409, 411, 412			
		3 or 4	
Two courses from: PHY 203/273*, 204/274*, CHM 101/102*, 112/114, ~~BIO 101*, 102*~~ BIO 101*/102, 102*/104, GEO 103*, OCG 123G*			
		3 or 4	
		3 or 4	
One course chosen from the following: WRT 104*, 106*, HPR 112			
		3	
WRT 201* or 332*		3	

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

Course	Credits	Course	Credits

*Course approved for general education credit

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

120 Credits Total
56 Credits in Major

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: Both major and cumulative GPA must be 2.00 or higher in order to graduate.

Computer Science BS (2019-2020 Catalog)

Requirements by Year

The below is a sample plan showing how a student may graduate with this major in 4 years. It 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. Students should consult with an advisor to ensure they are on track each semester. For course titles and pre-requisite information, please visit: uri.edu/catalog

Fall	Spring	Milestones
Year One		
CSC 106 (B3)	CSC 110	Major and Overall GPA 2.00
WRT 104 or 106 (B1, B4)	MTH prerequisite or free elective	Take math placement exam
MTH 180 (A1, B3)	Science Elective	Prepare to take MTH 141 in year 2, ensure prerequisites are met
A2 gen ed	A4 gen ed	
A3 gen ed	B2 gen ed	
URI 101		
(17 credits)	(16 credits)	Complete 30 credits

Fall	Spring	Milestones
Year Two		
CSC 211	CSC 212	Major and Overall GPA 2.00
MTH 141 (A1, B3)	MTH 142 (A1, B3)	Complete CSC 211 & CSC 212; earn at least a C- in CSC 211
C1 gen ed	WRT 201 or 332	Earn at least a C- in MTH 141 to take MTH 142
C2 gen ed	C3 gen ed	Eligible to move to the College of Arts & Sciences
Free elective		
(17 credits)	(14 credits)	Complete 60 credits

Fall	Spring	Milestones
Year Three		
CSC 301	CSC 340	Major and Overall GPA 2.00
CSC 305	CSC 412	Consider internship
MTH Elective	D1 gen ed (if needed)	Declare minor (optional)
Science Elective	Free Elective	Complete 90 credits
(14 credits)	(14 credits)	

Fall	Spring	Milestones
Year Four		
CSC 411	CSC 499 or 477	Major and Overall GPA 2.00
CSC 440	CSC/CSF 300+ Elective	Complete Intent to Graduate Form by Oct 1st
CSC/CSF 300+ Elective	CSC 402, 406, 415, 436, 450, 462, 481, or 493	Complete 120 credits
G gen ed (if needed)	Free Elective (if needed)	
(15 credits)	(15 credits)	

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Appendix J

Notice of Change form

Revised 8/2016

Notice of Change for: Music Minor: Music Studies

Date: 9/18/19

A.   PROGRAM INFORMATION

1. Name of institution
    University of Rhode Island

2. Name of department, division, school or college

        Department: Music, Audrey Cardany
        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 2024

4. Intended location of the program
Kingston Campus

5. Summary description of proposed program (not to exceed 2 pages).
Changes to the music minor include addressing the requirement from the institution that minors have a minimum of the credits earned at the 200-level. Additional flexibility was added with students able to select additional credits in applied or ensemble, as well as more flexibility in academic music courses they can take to fulfill the minor.

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

[The changes to music theory, musicianship and music history shown on the track changes are addressed in a separate NOC for BM, BA, and Minor study of music.]

Minors in Music

Jazz Studies. Students who wish to declare a minor in music using the jazz studies option must complete ~~19~~ 20 credits in musicianship, performance, and electives as follows: Musicianship: MUS 106 (3) or 220(3), ~~120 (2), 121 (2), 122 (2),~~ 115, 116, 117, 118 (8), 171 (1), ~~221 (World Music Unit) (1), 322 (Jazz and Popular Music Units) (2),~~ and MUS 300 for a minimum of two semesters (0). Music Performance: a minimum of four credits in the principal applied music area (MUS ~~110W,~~ 210W, at one or two credits per semester) (4), and two semesters of MUS 391, 396, or 398J (2). Applied study in MUS ~~110W and~~ 210W for the minor in jazz option is limited to the following instruments: saxophone, trumpet, trombone, piano, bass, guitar, and drum set. *Electives:* ~~The department strongly suggests that 3 credits be taken in MUS 101.~~ Participation in other major ensembles is also encouraged. Major ensembles include MUS 291, 292, 293, 394, 395, 397, and 398G, pending audition. Students can be admitted to the Minor degree program only after a successful audition in the principal applied music area and should contact the Department of Music for specific requirements. Transfer credits in music theory, music history, and performance must be validated by placement examination. Placement exams for theory and piano proficiency are administered during audition.

Music Studies. This option gives students a ~~broad-based~~ background in the study of music. Course work in this option is similar to that taken by students starting work toward a B.A. or B.M. degree in music. Students who wish to declare a minor in music using the music studies minor option must earn credit for ~~MUS 111 (3) or~~ MUS 115(1), 116(3), 117(1), 118(3), ~~120 (2); 171 (1), 121 and 122 (4)~~ 220 (3), and an addition 3 credits from the following: 101, 301, 311, 322, 407 or 408 (3). MUS 300 for a minimum of two semesters (0); ~~, and two 3-credit music history and literature courses selected from MUS 221, 322, 408, 430, 431, 433, 434 (or 222, if the student has the additional pre-requisites) (6). Additionally, students must earn~~ a minimum of two semesters ~~four credits~~ in their principal applied music area (MUS ~~110-410~~ 210 A-U, at one credit ~~or two credits~~ per semester) (2); and ~~four~~ a minimum of two credits in major ensembles* appropriate to the principal applied music area (~~4~~ 8). An additional 3 credits in music studies electives are required selected from the following: additional applied music (MUS 210), additional major ensembles (MUS 291, 292, 293, 394, 395, 397), MUS 398 or MUS 235. A minimum of 12 credits must be at the 200-level; students may select from the approved music electives to reach this requirement. The minimum number of credits required for

this option is 21. ~~22.~~ Students can be admitted to the Minor degree program only after a successful audition in the principal applied music area and should contact the Department of Music for specific requirements. Transfer credits in music theory, music history, and performance must be validated by placement examination.

Music Performance. This option gives students the opportunity for a more concentrated study in voice or on an instrument. Students who wish to declare a minor in music using the music performance minor option must earn credit for MUS 220 (3), and MUS 111 (3) or MUS 115 and 116 (4). ~~or 120 (2); MUS 121 and 122 or a music history course selected from MUS 101, 106, 221,~~ 220, ~~322, 408, 430, 431, 433, 434 (3-4);~~ MUS 300 for a minimum of two semesters (0). Additionally, students must earn a minimum of eight credits in their principal applied music area (MUS ~~110-410~~ 210 A-U at one or two credits per semester) and six credits in major ensembles~~*~~ appropriate to the principal applied music area Major ensembles include: 292, 293, 394, 395, 397; MUS 398 for up to two semesters; and MUS 291 for up to two semesters. Those with an applied area in guitar can count MUS 398G as a major ensemble. Those with an applied area in piano can count additional applied music credits (MUS 210) and/or accompanying (MUS 371) in lieu of the major ensemble requirements. (14). The minimum number of credits required for this option is ~~19~~20-21. A minimum of 12 credits must be at the 200-level. Students can be admitted to the Minor degree program only after a successful audition in the principal applied music area and should contact the Department of Music for specific requirements. Transfer credits in music theory, music history, and performance must be validated by placement examination.

Music Voice Performance for Theatre Majors. The purpose of this option is to give students who are theatre majors the opportunity for more concentrated and focused study in voice and other areas of music. Theatre students who wish to declare this minor must earn credit for MUS 220 (3), and MUS 111 (3) or 115 and 116 (4); ~~120 (2) and 121 (2); a music history course selected from MUS 101, 106, 221, 322, 408, 430, 431, 433, 434 (3);~~ and MUS 108, 117, or MUS 300 for one semester (1). Additionally, students must earn a minimum of eight credits in voice over four semesters (MUS ~~110A (2), 110A (2),~~ 210A (2 8), ~~210A (2)),~~ and three semesters of an ensemble selected from: ~~in~~ MUS 395, ~~(audition required),~~ MUS 293, ~~(1),~~ MUS 485, ~~(1),~~ MUS 398V and 398Z (3); Up to two semesters of MUS 485, MUS 398V and 398Z can count toward the ensemble requirement. ~~with MUS 485 being~~

~~limited to one semester.~~ Students can be admitted to the Minor degree program only after a successful audition in the principal applied music area and should contact the Department of Music for specific requirements. Transfer credits in music theory, music history, and performance must be validated by placement examination. The minimum number of credits required for this option is 18.

Individual Music. This option gives students more flexibility. These students design and develop their music minor program under the advisement and sponsorship of a full-time music faculty member. Petitions outlining and justifying the desired music minor program must be presented by the faculty sponsor to the music faculty for approval. A minimum of 18 credits is required. Petitions should be submitted as early as possible in a student's undergraduate program.

*~~Music~~ Major ensembles in music include MUS 291, 292, 293, 394, 395, 396, and 397. Up to one semester of MUS 291 can count toward the major ensemble requirement in the music studies minor option; ~~up to two semesters of MUS 291 can count toward the major ensemble requirement in the music performance option. Those with a major applied area in guitar can count MUS 398G for guitar ensemble as a major ensemble. Those with a major applied area in piano can count additional applied music credits (MUS 110-410 210) and/or accompanying (MUS 371) in lieu of the major ensemble requirements.~~

7. Signature of the President

_____

David M. Dooley

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Appendix K

Notice of Change form

Revised 8/2016

Notice of Change for: BM, BA and Minors in Music: Applied Music

Date: 9/25/19

A.   PROGRAM INFORMATION

1. Name of institution
    University of Rhode Island

2. Name of department, division, school or college

    Department: Music, Audrey Cardany
    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 2024

4. **Intended location of the program –** Kingston Campus

5. Summary description of proposed program (not to exceed 2 pages).
    The music department is revising the sequence of studio instruction to address the needs of
        all students who seek to study music. MUS 110 will be the course available for students
        who wish to take individual lessons, but who are not majors or minors in music. The course
        will no longer be available for music majors and/or minors and cannot be used for credit
        toward B.A. or B.M. degrees in music or toward a minor in music. The credits change will
        reflect the shift in expectations, allowing only 1 or 2 credit options; auditions and juries will
        still be required. MUS 110 will no longer be used for students accepted into a degree or
        certificate program in music.
    MUS 210 will be the first level of studio instruction for students who have been accepted into
        a music degree program at URI. The credits change will reflect the shift in expectations and
        better streamline the curriculum for students. First year applied music students and

students enrolled as minors, may perform on convocation with applied instructor's approval. MUS 210 will be available for variable credit at 1 to 2 credits to address specific needs of the various degrees and sub-plans.

Students enrolled as majors in music must perform on MUS 300 Music Convocation. All students are required to perform a jury to continue study. Students must successfully pass an Advancement Jury to progress to the upper level of studio instruction (MUS 410). Advancement jurors are comprised of four to five faculty from a mix of disciplines. At least one of these faculty members should be from the student's area of specialization. Advancement Juries will be held the first Saturday following reading day(s). The Department Chair will distribute all permission numbers at the 410 level.

MUS 310 will be deleted beginning fall 2020. Instead MUS 210 must be taken for 4 semesters at 2 credits before BM students can advance through their Advancement Jury to MUS 410. BA students complete four semesters of 210 for their degree requirements. Advancement juries will be implemented during the 2022-2023 academic year. Any subsequent students who may need MUS 310 after 2022, will be given permission numbers to take MUS 410 to complete their degree requirements.

MUS 410 will be the studio course for all students who major in music seeking a BM and who pass an Advancement Jury after a minimum of four semesters of MUS 210 at 2 credits per semester. MUS 410 is only available for students enrolled in a BM degree; this upper-level instruction will not include minors or BA degree plans. The credits change will reflect that the shift in expectations and better streamline the curriculum for students. No 1-credit option will be available for MUS 410; all upper-level students must enroll in a weekly hour lesson at 2 credits.

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

Music

BACHELOR OF ARTS

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

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

Jazz Studies. Students selecting this option must complete 43 credits in musicianship and music performance as follows: *Musicianship:* MUS 119 (1) (fulfills URI 101 requirement), 120 (2), 121 (2), 122 (2), 225 (2), 226 (2), 424 (3), 106 (3), 221 (World Music Unit) (1), 222 (3), 322 (Jazz and Popular Music Units) (2), 280 (0), 480 (1). *Music Performance:* **A:** Six semesters of applied music study in the student's principal area of jazz instrumental performance, (MUS ~~110W,~~ 210W, ~~and 310W)~~ at 2 credits per semester (12).

2

Music. Students selecting this option must complete 36 credits in musicianship and performance as follows: *Musicianship:* MUS 119 (1); 120, 121, 122, 225, 226, 227, 228 (14); 221, 222 (6); 322 or upper-division music history course (3); 280 (0) and 480 **[capstone]** (1). Students who are deficient in keyboard skills must take MUS 171 (1). *Performance:* four semesters of the principal applied music area (MUS 210), at two credits per semester (8); three semesters of ensembles appropriate to the principal applied music area, MUS 291, 292, 293, 394, 395, 396, 397, or 398G (3); seven semesters of MUS 300 (0).

Music History and Literature. Students choosing this option must complete 43 credits in musicianship and performance, as follows: *Musicianship:* MUS 119 (1); 120, 121, 122, 225, 226, 227, 228 (14); 221, 222, 322 (9); three upper-division music history courses (9); 280 (0) and 480 **[capstone]** (1). Students who are deficient in keyboard skills must take MUS 171 (1). *Performance:* four semesters of the principal applied music area (MUS 210), at two credits for two semesters and one credit for two semesters (6); three semesters of major ensembles appropriate to the principal applied music area MUS 291, 292, 293, 394, 395, 396, 397, or 398G (3); seven semesters of MUS 300 (0).

BACHELOR OF MUSIC

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

In addition, students select one of the following options:

Music Composition. Students selecting the music composition option must complete eight semesters of applied composition (MUS ~~110V,~~ 210V, ~~310V,~~ 410V), two credits per semester (16); eight semesters of MUS 300 (0); and four semesters of secondary applied music areas (MUS 210), one credit per semester (4);

Music Education. Visit the Office of Teacher Education and refer to the School of Education section of this catalog for for admission requirements for teacher education programs. Completing all requirements in the music education option leads to an initial teaching certificate for music in grades K-12. Students selecting this option must complete 89 credits in *Studies in Music* and *Professional Education,* as follows:

Studies in Music (64 credits): seven semesters of the principal applied music area (instrument or voice must be selected from ~~MUS 110-410~~ MUS 210 and 410 A-U, W only; two credits per semester (14). Seven semesters of MUS 300 (0); senior recital MUS 450 **[capstone]** (0). Students must pass an Advancement Jury after four semesters to progress to the 410 level.

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, 416 (17); 221, 222, 322 (9). MUS 235 (2) and 442 (2); 311 or 312 (2); 280 (0); 480 **[capstone]** (2). 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 124 credits is required for graduation. In addition, students must select one of the following five sub-options:

Classical Guitar: eight semesters of the principal applied music area; MUS 210 and 410 only at 2 credits each semester. Two semesters of MUS 110T at two credits in the first semester and three credits in the second (5); two semesters of MUS 210T at three credits each (6); two semesters of 310T and 410T at four credits each (16). Students must pass an Advancement Jury after four semesters to progress to the 410 level.

Jazz (limited to saxophone, trumpet, trombone, piano, guitar, string bass, and drum set): eight semesters of the principal jazz applied music area. Eight semesters of applied music of the principal applied jazz music area; MUS 210 and 410 at 2 credits each semester Two semesters of MUS 110W at two credits in the first semester and three credits in the second (5); two semesters of MUS 210W at 3 credits each (6); two semesters of 310W and 410W at four credits each (16). Students must pass an Advancement Jury after four semesters to progress to the 410 level.

Orchestral Instrument: eight semesters of the principal applied music area; MUS 210 and 410 at 2 credits each semester. Two semesters of MUS 110 at two credits in the first semester and three credits in the second (5); two semesters of MUS 210 at three credits each (6); two semesters of 310 and 410 at four credits each (16). Students must pass an Advancement Jury after four semesters to progress to the 410 level.

Piano or Organ: eight semesters of the principal applied music area.; MUS 210 and 410 at two credits per semester Two semesters of MUS 110B or C and 210B or C at three credits each (12); two semesters of 310B or C and 410B or C at four credits each (16). Students must pass an Advancement Jury after four semesters to progress to the 410 level.

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.

Minors in Music

Jazz Studies. Students who wish to declare a minor in music using the jazz studies option must complete 19 20 credits in musicianship, performance, and electives as follows: Musicianship: MUS 106 (3) or 220(3), 120 (2), 121 (2), 122 (2), 115, 116, 117, 118 (8), 171 (1), 221 (World Music Unit) (1), 322 (Jazz and Popular Music Units) (2), and MUS 300 for a minimum of two semesters (0). Music Performance: a minimum of four credits in the principal applied music area (MUS 110W, 210W, at one or two credits per semester) (4), and two semesters of MUS 391, 396, or 398J (2). Applied study in MUS 110W and 210W for the minor in jazz option is limited to the following instruments: saxophone, trumpet, trombone, piano, bass, guitar, and drum set. *Electives:* The department strongly suggests that 3 credits be taken in MUS 101. Participation in other major ensembles is also encouraged. Major ensembles include MUS 291, 292, 293, 394, 395, 397, and 398G, pending audition. Students can be admitted to the Minor degree program only after a successful audition in the principal applied music area and should contact the Department of Music for specific requirements. Transfer credits in music theory, music history, and performance must be validated by placement examination. Placement exams for theory and piano proficiency are administered during audition.

Music Studies. This option gives students a ~~broad-based~~ background in the study of music. Course work in this option is similar to that taken by students starting work toward a B.A. or B.M. degree in music. Students who wish to declare a minor in music using the music studies minor option must earn credit for ~~MUS 111 (3) or~~ MUS 115(1), 116(3), 117(1), 118(3), ~~120 (2); 171 (1), 121 and 122 (4)~~ 220 (3), and an addition 3 credits from the following: 101, 301, 311, 322, 407 or 408 (3). MUS 300 for a minimum of two semesters (0)~~; , and two 3-credit music history and literature courses selected from MUS 221, 322, 408, 430, 431, 433, 434 (or 222, if the student has the additional pre-requisites)~~ (6). ~~Additionally, students must earn~~ a minimum of two semesters ~~four credits~~ in their principal applied music area (MUS ~~110-410~~ 210 A-U, at one credit ~~or two credits~~ per semester) (2); and ~~four~~ a minimum of two credits in major ensembles* appropriate to the principal applied music area (4 ~~8~~). An additional 3 credits in music studies electives are required selected from the following: additional applied music (MUS 210), additional major ensembles (MUS 291, 292, 293, 394, 395, 397), MUS 398 or MUS 235. A minimum of 12 credits must be at the 200-level; students may select from the approved music electives to reach this requirement. The minimum number of credits required for this option is 21.~~ 22.~~ Students can be admitted to the Minor degree program only after a successful audition in the principal applied music area and should contact the Department of Music for specific requirements. Transfer credits in music theory, music history, and performance must be validated by placement examination.

Music Performance. This option gives students the opportunity for a more concentrated study in voice or on an instrument. Students who wish to declare a minor in music using the music performance minor option must earn credit for MUS 220 (3), and MUS 111 (3) or MUS 115 and 116 (4). ~~or 120 (2); MUS 121 and 122 or a music history course selected from MUS 101, 106, 221, 220, 322, 408, 430, 431, 433, 434 (3-4);~~ MUS 300 for a minimum of two semesters (0). Additionally, students must earn a minimum of eight credits in their principal applied music area (MUS ~~110-410~~ 210 A-U at one or two credits per semester) and six credits in major ensembles* appropriate to the principal applied music area Major ensembles include: 292, 293, 394, 395, 397; MUS 398 for up to two semesters; and MUS 291 for up to two semesters. Those with an applied area in guitar can count MUS 398G as a major ensemble. Those with an applied area in piano can count additional applied music credits (MUS 210) and/or accompanying (MUS 371) in lieu of the major ensemble requirements. (14). The minimum number of credits required for this option is ~~19~~ 20-21. A minimum of 12 credits must be at the 200-level. Students can be admitted to the Minor degree program only after a successful audition in the principal applied music area and should contact the Department of Music for specific requirements. Transfer credits in music theory, music history, and performance must be validated by placement examination.

Music Voice Performance for Theatre Majors. The purpose of this option is to give students who are theatre majors the opportunity for more concentrated and focused study in voice and other areas of music. Theatre students who wish to declare this minor must earn credit for MUS 220 (3), and MUS 111 (3) or 115 and 116 (4); ~~120 (2) and 121 (2); a music history course selected from MUS 101, 106, 221, 322, 408, 430, 431, 433, 434 (3);~~ and MUS 108, 117, or MUS 300 for one semester (1). Additionally, students must earn a minimum of eight credits in voice over four semesters (MUS ~~110A (2), 110A (2),~~ 210A (2 8), ~~210A (2)),~~ and three semesters of an ensemble selected from: ~~in~~ MUS 395, ~~(audition required),~~ MUS 293, ~~(1),~~ MUS 485, ~~(1),~~ and MUS 398Z (3); Up to two semesters of MUS 485 and MUS 398Z can count toward the ensemble requirement. ~~with MUS 485 being limited to one semester.~~ Students can be admitted to the Minor degree program only after a successful audition in the principal applied music area and should contact the Department of Music for specific requirements. Transfer

credits in music theory, music history, and performance must be validated by placement examination. The minimum number of credits required for this option is 18.

Individual Music. This option gives students more flexibility. These students design and develop their music minor program under the advisement and sponsorship of a full-time music faculty member. Petitions outlining and justifying the desired music minor program must be presented by the faculty sponsor to the music faculty for approval. A minimum of 18 credits is required. Petitions should be submitted as early as possible in a student's undergraduate program.

~~Music~~ Major ensembles in music include MUS 291, 292, 293, 394, 395, 396, and 397. Up to one semester of MUS 291 can count toward the major ensemble requirement in the music studies minor option; ~~up to two semesters of MUS 291 can count toward the major ensemble requirement in the music performance option. Those with a major applied area in guitar can count MUS 398G for guitar ensemble as a major ensemble. Those with a major applied area in piano can count additional applied music credits (MUS 110-410 210) and/or accompanying (MUS 371) in lieu of the major ensemble requirements.~~

7. Signature of the President

_____
David M. Dooley

THE

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OF RHODE ISLAND

Appendix L

Notice of Change form

Revised 8/2016

Notice of Change for: BM in Music Education
Date: 9/17/19

A.   PROGRAM INFORMATION

1. **Name of institution**
    University of Rhode Island

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

    Department: Music, Audrey Cardany
    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 2024

4. **Intended location of the program**
    Kingston Campus

5. **Summary description of proposed program (not to exceed 2 pages).**
    The changes proposed here were prompted by three main rationales: a) addressing the deficiencies of the program outlined by RIDE accreditation, b) aiming to meet the Institution's recommendation of 120 credits for professional majors, and c) providing a curriculum that results in flexible musician-teachers for success in the ever-changing music education profession.
    The music department is responding to the most recent Rhode Island Department of Education accreditation visit. RIDE identified needed changes in practice, specifically laboratories for secondary instruments and conducting ensembles. The department responded with two course changes (MUS 311 & 312), shifting from lecture to laboratory, allowing for repeated credit, and ensuring that students have choral and instrumental conducting experiences. Both conducting labs will focus on students gaining rehearsal and repertoire knowledge for use in classrooms in elementary and secondary settings. The content from MUS 339 Choral Methods will be covered in the choral lab, and MUS 340 will be revised to address, more broadly, methods for directing and administrating ensembles;

Instrumental Methods will become Ensemble Methods and Materials. The new course MUS 239 Music, Gesture, and Sound will be added to the requirements of the program as a pre-requisite for the other conducting labs.

The music department is proposing deleting the requirement for BM students in music education to take an additional 4 credits of individual instruction in a secondary instrument. Music Education students already take method courses in all instruments for a total of 6 credits and some will take 10 credits if their placement exam in piano requires them to take all four piano classes at 1 credit each. Furthermore, the current catalog description allows for piano classes to count as a secondary instrument, making it punitive financially on those students who place higher on the placement exam.

Students in music education will be given some flexibility in choosing a psychology-related course; making PSY 113 one of the options rather than the only required course addressing educational psychology, human development, or other areas of music learning and teaching.

These changes reduce the credits from 131 to 122. Many of the approved elective options also fulfill general education requirements for the students in fields outside their major, thus bringing the program to the target of a minimum of 120 credits.

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

BACHELOR OF MUSIC

Music Education. Visit the Office of Teacher Education and refer to the School of Education section of this catalog for ~~for~~ admission requirements for teacher education programs. Completing all requirements in the music education option leads to an initial teaching certificate for music in grades PK-12. Students selecting this option must complete 89 credits in *Studies in Music* and *Professional Education,* as follows:

Studies in Music (64 credits): seven semesters of the principal applied music area (instrument or voice must be selected from MUS 210 and ~~110~~-410 A-U, W only; two credits per semester (14). Seven semesters of MUS 300 (0); senior recital MUS 450 **[capstone]** (0). ~~Four semesters of secondary applied music areas, one credit per semester (4); MUS 171 and 172 are required as secondary applied music areas if students select piano proficiency option II. Students who have not passed the piano proficiency exam by the end of MUS 172 will be expected to take MUS 271~~

~~and 272, which can count as secondary applied music areas. Other secondary applied credits as needed must come from MUS 110-410 (in an applied area other than the principal applied music area).~~ Piano proficiency MUS 171, 172, 271 & 272 or-if placed at 272 level-pass all seven piano proficiencies by fall semester of their junior year before faculty examination committee (0-4); Seven semesters of major ensembles appropriate to the principal applied music area, at 0-1 credit per semester (6). Major ensembles include MUS 291, 292, 293, 394, 395, 396, and 397; no more than two semesters of MUS 291 and/or 396 can count toward the major ensemble requirement. MUS 119 (1); 115, 116, 117, 118, 215, 216, 217 and 218 (16), and 416 or 417 (3); 220, 222, 322 (9). MUS 169, 170, 173, 175, 177, 179 (6); 235 (2); 239, 311, 312 (~~5~~ 3).

Professional Education (~~28~~ 30 credits): Students pursuing the music education option must apply for admission to the [Office of Teacher Education](#) in the School of Education; see [Education](#) for admission requirements. MUS 238, ~~339,~~ 340, 376, 476 (~~11~~ 8); EDC 250 (1), 484 (12), 485 (3), ~~PSY 113 (3)~~; and six credits of professional electives with a minimum of three credits from EDC 102, 103G, 312, 402, PSY 113, 232, HDF 200, or 201(3-6); up to three credits may be selected from MUS 136, 256, 311, or 312(0-3). The piano proficiency examinations or MUS 171, 172, 271 & 272; the Praxis II: Principles of Learning and Praxis II: Music Content Knowledge, and all courses required for the music education option must be successfully completed before supervised student teaching (EDC 484) and student teaching seminar (EDC 485). Students may wish to enroll in EDC 312 (3) in order to prepare for the Praxis II: Principles of Learning.

A minimum of 120 ~~131~~ credits is required for graduation.

7. Signature of the President

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David M. Dooley