

Notice of Change for: Requirements for the Masters of Library and Information Studies Program  
Date: 12/7/17

#### A. PROGRAM INFORMATION

1. Name of institution  
University of Rhode Island
2. Name of department, division, school or college  
Department: Graduate School of Library and Information Studies  
College: Arts and Sciences
3. Intended initiation date of program change. Include anticipated date for granting first degrees or certificates, if appropriate.  
Initiation date: September 2018  
First degree date: December 2018
4. Intended location of the program  
Not applicable
5. Summary description of proposed program (not to exceed 2 pages).

As of January 2017, the Graduate School is no longer requiring non-**thesis master's programs** to designate a class that fulfills the Major Paper Requirement. For many years, the M.L.I.S. degree program at GSLIS designated LSC 557: Document, Assess, Evaluate (formerly Research Methods in Library and Information Studies) to fulfill the Major Paper Requirement. There has long been discussion among GSLIS faculty and the GSLIS Advisory Board about LSC 557 not being a necessary class for all MLIS graduates, but GSLIS had been unable to remove LSC 557 as a requirement while it fulfilled the Major Paper Requirement. As the Major Paper is no longer required for non-thesis **master's programs**, the **GSLIS Curriculum Committee** voted 12/7/17 to remove LSC 557 as a requirement for the MLIS degree; it will continue to be offered as an elective course.

The GSLIS Curriculum Committee voted unanimously on 12/7/17 to add LSC 503: Collection Management as a required class for all School Library Media (SLM) track students to support their ability to pass the PRAXIS Library Media Subject test. We also voted to allow students a choice of two classes **from LSC 530: Children's Materials and Services, LSC 531: Young Adult**

Materials and Services, and new course (currently in the course approval process) LSC 513: **Social Justice in Children's/YA Literature**. This is a modification from the previously required choice of one course from LSC 530 or LSC 531. We are also updating the catalog language to reflect the course change from 9-credit LSC 596: School Library Media Practicum and Seminar (submitted concurrently with this program change) to 3-credit LSC 596: School Library Media Seminar plus new course (submitted concurrently with this program change) 6-credit LSC 598: School Library Media Practicum.

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

EXISTING CATALOG LANGUAGE (from previously submitted program change removing the Comprehensive Exam as a requirement for the MLIS degree):

## LIBRARY AND INFORMATION STUDIES

M.L.I.S., Cooperative Programs  
401.874.2947

*Faculty:* Professor Karno, *Director, Graduate School of Library and Information Studies*, Professors Ma, Mandel, Moen, and Villa Nicholas.

The Graduate School of Library and Information Studies is part of [The Harrington School of Communication and Media](#).

The Master of Library and Information Studies (M.L.I.S.) degree prepares students for professional service and leadership in libraries and other organizations, including information positions in business and government. Specializations include service to children and young adults, reference and bibliography, organization of information, technical services, information literacy instruction, special collections, automation, information science, leadership and community transformation, and others. The program leading to the M.L.I.S. is accredited by the American Library Association (ALA). The School Library Media Specialist certification program leads to both the M.L.I.S. and eligibility for Library Media Specialist K-12 certification in Rhode Island and other states participating in the Interstate Compact. This program is approved by the Rhode Island Department of Education (RIDE), accredited by the **Council for the Accreditation of Educator Preparation (CAEP)**, and “nationally recognized” by **ALA’s American Association of School Librarians (AASL)**.

## MASTER OF LIBRARY AND INFORMATION STUDIES

*Admission requirements:* **bachelor’s degree (B average); undergraduate** GPA of 3.00 or equivalent. The completed application package should be received by October 15 for Spring admission, March 15 for Summer admission, and June 15 for Fall admission.

*Program requirements:* 36 credits, 18 in required core courses (LSC 502, 504, 505, 508, 557, and 595), except for the School Library Media Track which requires 21 credits of core courses: (LSC 502, 504, 508, 557, and 9 credits of 596). LSC 595 and LSC 596 (for School Library Media Track students) serve as the Culminating Experience for all students regardless of start date in the program. LSC 508 is waived for students who began the program in AY 2015-16 and 2016-17. Up to 6 credits of interdisciplinary study may be taken in courses outside library science **when relevant to the student's specialization**; no more than six credits or two courses may be taken in nonmatriculating status for transfer into the degree program.

Requirements for the M.L.I.S. must be met within five calendar years after the date when the student is first enrolled as a graduate student at the University. With the submission of a written request for an extension and a schedule for completion, endorsed by the major professor and the graduate program director, a specific, time-limited extension may be approved by the Dean of the Graduate School. Extensions are generally undesirable because of the rapid change in library and information services. If such extensions are granted, courses completed more than five calendar years prior to graduation will no longer be valid, and must be replaced by new courses or reinstated by examination to ensure that the **graduate's knowledge of the field is current**.

*School Library Media Track:* To complete the M.L.I.S. and meet certification requirements, candidates are required to complete LSC 502, 504, 508, 520, 527, 530 or 531, 557, 596, and 6 credits of graduate level free electives. LSC 520, which includes 60 hours of pre-practicum field experience, must be taken in the fall prior to LSC 596. LSC 596, a nine-credit practicum and seminar, includes 12 weeks of fieldwork and must be taken in the final spring semester. Total: 36 credits.

*Teacher Certification Program (TCP):* Candidates who already have an accredited M.L.I.S. degree may apply for the TCP program for school library media. Candidates for certification must apply for admission following GSLIS guidelines and complete the same requirements as M.L.I.S. students in the school library media track. Analysis of transcripts will determine the number of courses needed to complete the TCP.

*Organization of Digital Media Track:* To complete the M.L.I.S. candidates are required to complete LSC 502, 504, 505, 508, 515, 528, 557, 595, and 6 credits of graduate level free electives. Candidates are also required to complete one of the following: LSC 527, 544, 548, or Comm. 520. Candidates are also required to complete one of the following: LSC 503, 510, 516, 518, 545, 547, or 550. Total: 36 credits.

*Libraries, Leadership & Transforming Communities Track:* To complete the M.L.I.S. candidates are required to complete LSC 502, 504, 505, 508, 517, 557, 570, 595, and 6 credits of graduate level free electives. Candidates are also required to complete one of the following: Comm. 510,

Comm. 520, LSC 525, LSC 527, or Comm. 530. Candidates are also required to complete one of the following: LSC 503, 515, 516, 521, 522, 523, or 560. Total: 36 credits.

## CERTIFICATE IN INFORMATION LITERACY INSTRUCTION

A 15-credit post-baccalaureate certificate in Information Literacy Instruction (ILIC) is open to current students (who may take it as part of their M.L.I.S. program) and college graduates with or without the M.L.I.S. Completion of the following courses is required: LSC 504, Reference and Information Studies; LSC 525, Multiculturalism in Libraries; LSC 527, Digital Information Literacy Instruction; LSC 528, Instructional Technology in Library and Information Services.

Candidates for the ILIC must apply for admission following GSLIS. guidelines and will be required to earn a grade of B or better in each course. A maximum of three graduate credits will be accepted from another graduate library school program for transfer of credit.

## M.A. IN HISTORY AND M.L.I.S. COOPERATIVE PROGRAM

By proper selection of course work, a student may simultaneously earn the degrees of Master of Arts in History and Master of Library and Information Studies.

*Admission requirements:* GRE and other requirements listed for history and library science. Applicant must apply and be accepted in both programs. The application to each program must indicate history/library and information studies as the field of specialization.

*Program requirements:* Students must submit individual programs of study for the 36-credit M.L.I.S. program and the 30-credit program for the M.A. in history. The integrated pursuit of the two degrees makes it possible for six credits of appropriately selected course work from one program to serve as electives in the other, and for six credits of course work to be applied in the opposite direction. Thus, when planned and taken jointly, the two programs can be completed with a total of 54 credits rather than 66 credits.

## M.P.A. AND M.L.I.S. COOPERATIVE PROGRAM

A cooperative program permits joint enrollment in the Master of Library and Information Studies and Master of Public Administration programs. The integrated pursuit of the two degrees makes it possible for six credits of appropriately selected course work from one program to serve as electives in the other, and for six credits to be applied in the opposite direction. Thus, when planned and taken jointly, the two programs can be completed with a total of 60 credits.

*Admission requirements:* GRE and other requirements listed for M.L.I.S. and M.P.A. Applicant must apply and be accepted in both programs. The application to each program must indicate M.L.I.S./M.P.A. as the field of specialization.

*Program requirements:* Each student must complete the required core courses for both programs plus three credits of PSC 590 for the M.P.A. After consultation with, and approval of, both departments, students must file separate programs of study for each degree, indicating the courses to be jointly counted. Each student must pass the separate comprehensive examination for each degree.

## M.A. IN ENGLISH AND M.L.I.S. COOPERATIVE PROGRAM

By proper selection of course work, a student may simultaneously earn the degree of Master of Library and Information Studies and Master of Arts in English.

*Admission requirements:* GRE and all other requirements listed for M.L.I.S. and M.A. in English. Applicant must apply to both programs and be accepted by both. The application to each program must indicate English/library and information studies as the field of specialization.

*Program requirements:* Students must submit individual programs of study for the 36-credit M.L.I.S. program and the 30-credit M.A. in English. ENG 510, 511, and 514 are required. The integrated pursuit of the two degrees makes it possible for six credits of appropriately selected course work from one program to serve as electives in the other, and for six credits of course work to be applied in the opposite direction. Thus, when planned and taken jointly, the two programs can be completed with a total of 54 credits rather than 66. Students must complete at least 30 credits in librarianship and at least 24 credits in English.

## OTHER COOPERATIVE PROGRAMS

Under existing University policy, students may be able to establish cooperative programs **with other master's degree programs within the University. Interested persons should consult with the director.**

## PROPOSED CATALOG LANGUAGE:

### LIBRARY AND INFORMATION STUDIES

M.L.I.S., Cooperative Programs  
401.874.2947

*Faculty:* Professor Karno, *Director, Graduate School of Library and Information Studies*, Professors Ma, Mandel, Moen, and Villa Nicholas.

The Graduate School of Library and Information Studies is part of [The Harrington School of Communication and Media](#).

The Master of Library and Information Studies (M.L.I.S.) degree prepares students for professional service and leadership in libraries and other organizations, including information positions in business and government. Specializations include service to children and young adults, reference and bibliography, organization of information, technical services, information literacy instruction, special collections, automation, information science, leadership and community transformation, and others. The program leading to the M.L.I.S. is accredited by the American Library Association (ALA). The School Library Media Specialist certification program leads to both the M.L.I.S. and eligibility for Library Media Specialist K-12 certification in Rhode Island and other states participating in the Interstate Compact. This program is approved by the Rhode Island Department of Education (RIDE), accredited by the Council for the Accreditation of Educator Preparation (CAEP), and “nationally recognized” by ALA’s American Association of School Librarians (AASL).

## MASTER OF LIBRARY AND INFORMATION STUDIES

*Admission requirements:* **bachelor’s degree (B average); undergraduate** GPA of 3.00 or equivalent. The completed application package should be received by October 15 for Spring admission, March 15 for Summer admission, and June 15 for Fall admission.

*Program requirements:* 36 credits, ~~158~~ in required core courses (LSC 502, 504, 505, 508, ~~557~~, and 595), except for the School Library Media Track which requires ~~21~~ 18 credits of core courses: (LSC 502, 504, 508, ~~557~~, and ~~9~~ credits of 596 and 6 credits of 598). LSC 595 and LSC 596 (for School Library Media Track students) serve as the Culminating Experience for all students regardless of start date in the program. LSC 508 is waived for students who began the program in AY 2015-16 and 2016-17. Up to 6 credits of interdisciplinary study may be taken in courses outside library science when relevant **to the student’s** specialization; no more than six credits or two courses may be taken in nonmatriculating status for transfer into the degree program.

Requirements for the M.L.I.S. must be met within five calendar years after the date when the student is first enrolled as a graduate student at the University. With the submission of a written request for an extension and a schedule for completion, endorsed by the major professor and the graduate program director, a specific, time-limited extension may be approved by the Dean of the Graduate School. Extensions are generally undesirable because of the rapid change in library and information services. If such extensions are granted, courses completed more than five calendar years prior to graduation will no longer be valid, and must be replaced by new courses or reinstated by examination to ensure that the **graduate’s knowledge of the field is current**.

*School Library Media Track:* To complete the M.L.I.S. and meet certification requirements, candidates are required to complete LSC 502, 503, 504, 508, 520, 527, ~~530 or 531, 557, 596~~, 598 (6 credits), choice of two courses from LSC 513, 530, and 531, and 36 credits of graduate level free electives. LSC 520, which includes 60 hours of pre-practicum field experience, must be taken in the fall prior to LSC 596. LSC 596 is taken concurrently with LSC 598, a ~~nine~~6-credit practicum ~~that and seminar~~, includes 12 weeks of fieldwork; both LSC 596 and 598 and must be taken in the final spring semester. Total: 36 credits.

*Teacher Certification Program (TCP):* Candidates who already have an accredited M.L.I.S. degree may apply for the TCP program for school library media. Candidates for certification must apply for admission following GSLIS guidelines and complete the same requirements as M.L.I.S. students in the school library media track. Analysis of transcripts will determine the number of courses needed to complete the TCP.

*Organization of Digital Media Track:* To complete the M.L.I.S. candidates are required to complete LSC 502, 504, 505, 508, 515, 528, ~~557-595~~, and 96 credits of graduate level free electives. Candidates are also required to complete one of the following: LSC 527, 544, 548, or Comm. 520. Candidates are also required to complete one of the following: LSC 503, 510, 516, 518, 545, 547, or 550. Total: 36 credits.

*Libraries, Leadership & Transforming Communities Track:* To complete the M.L.I.S. candidates are required to complete LSC 502, 504, 505, 508, 517, ~~557-570~~, 595, and 96 credits of graduate level free electives. Candidates are also required to complete one of the following: Comm. 510, Comm. 520, LSC 525, LSC 527, or Comm. 530. Candidates are also required to complete one of the following: LSC 503, 515, 516, 521, 522, 523, or 560. Total: 36 credits.

## CERTIFICATE IN INFORMATION LITERACY INSTRUCTION

A 15-credit post-baccalaureate certificate in Information Literacy Instruction (ILIC) is open to current students (who may take it as part of their M.L.I.S. program) and college graduates with or without the M.L.I.S. Completion of the following courses is required: LSC 504, Reference and Information Studies; LSC 525, Multiculturalism in Libraries; LSC 527, Digital Information Literacy Instruction; LSC 528, Instructional Technology in Library and Information Services.

Candidates for the ILIC must apply for admission following GSLIS guidelines and will be required to earn a grade of B or better in each course. A maximum of three graduate credits will be accepted from another graduate library school program for transfer of credit.

## M.A. IN HISTORY AND M.L.I.S. COOPERATIVE PROGRAM

By proper selection of course work, a student may simultaneously earn the degrees of Master of Arts in History and Master of Library and Information Studies.

*Admission requirements:* ~~GRE and other~~ All requirements listed for history and library science. Applicant must apply and be accepted in both programs. The application to each program must indicate history/library and information studies as the field of specialization.

*Program requirements:* Students must submit individual programs of study for the 36-credit M.L.I.S. program and the 30-credit program for the M.A. in history. The integrated pursuit of the two degrees makes it possible for six credits of appropriately selected course work from one program to serve as electives in the other, and for six credits of course work to be applied in the opposite direction. Thus, when planned and taken jointly, the two programs can be completed with a total of 54 credits rather than 66 credits.

#### M.P.A. AND M.L.I.S. COOPERATIVE PROGRAM

A cooperative program permits joint enrollment in the Master of Library and Information Studies and Master of Public Administration programs. The integrated pursuit of the two degrees makes it possible for six credits of appropriately selected course work from one program to serve as electives in the other, and for six credits to be applied in the opposite direction. Thus, when planned and taken jointly, the two programs can be completed with a total of 60 credits.

*Admission requirements:* ~~GRE and other~~ All requirements listed for M.L.I.S. and M.P.A. Applicant must apply and be accepted in both programs. The application to each program must indicate M.L.I.S./M.P.A. as the field of specialization.

*Program requirements:* Each student must complete the required core courses for both programs plus three credits of PSC 590 for the M.P.A. After consultation with, and approval of, both departments, students must file separate programs of study for each degree, indicating the courses to be jointly counted. ~~Each student must pass the separate comprehensive examination for each degree.~~

#### M.A. IN ENGLISH AND M.L.I.S. COOPERATIVE PROGRAM

By proper selection of course work, a student may simultaneously earn the degree of Master of Library and Information Studies and Master of Arts in English.

*Admission requirements:* ~~GRE and a~~ All other requirements listed for M.L.I.S. and M.A. in English. Applicant must apply to both programs and be accepted by both. The application to each program must indicate English/library and information studies as the field of specialization.

*Program requirements:* Students must submit individual programs of study for the 36-credit M.L.I.S. program and the 30-credit M.A. in English. ENG 510, 511, and 514 are required. The



integrated pursuit of the two degrees makes it possible for six credits of appropriately selected course work from one program to serve as electives in the other, and for six credits of course work to be applied in the opposite direction. Thus, when planned and taken jointly, the two programs can be completed with a total of 54 credits rather than 66. Students must complete at least 30 credits in librarianship and at least 24 credits in English.

#### OTHER COOPERATIVE PROGRAMS

Under existing University policy, students may be able to establish cooperative programs **with other master's degree programs within the University. Interested persons should consult** with the director.

#### 6. Signature of the President

---

David M. Dooley

Notice of Change for: Professional Science Master's in Cyber Security

Date: 6/30/2017

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 2018  
First degree date: Spring 2019

4. Intended location of the program

Online

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

We are proposing to change the requirements for the Professional Science Master's Degree in Cyber Security. The number of credits will remain the same. The changes are as follows:

- 1) We are removing the two tracks in the program to allow for more flexible options for students.
- 2) We are adding the option to take CSF 591 instead of CSF 590. CSF 591 is a directed study course, which would allow a student to do a project with a faculty member instead of doing an internship as one of the core courses.
- 3) We have added a fifth course to the Core Requirements. This is because after removing the tracks from the program, we needed to add CSF 534 to the Core courses so that every student takes this course.

- 4) When taking out the two tracks, we have allowed for the student to take four optional courses: CSF 410, all 500-level CSF courses. This allows for flexibility for students to choose courses that fit their interests. It also allows for flexibility in the program, so that we can add new 500-level courses without requiring changes to the program description.

See details below in the Track Changes catalog description.

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

## PROFESSIONAL SCIENCE MASTERS IN CYBER SECURITY

Admission requirements: Bachelor's degree. No technical background is required. For those students without a technical background, additional, optional materials will be provided in the summer prior to beginning the first course in the program.

No GRE is required.

Program requirements: The degree requires 36 credits, consisting of 9 4-credit courses. There is no Comprehensive Exam and no thesis requirement. CSF 590 provides a capstone experience through an internship with a partner organization.

Students are required to take ~~four~~ **five** core courses, and choose ~~from one of two tracks, a Forensics Track and a Security Track~~ **four more optional courses from a list**.

Core Courses: CSF 430, 432, **534**, 580, **and (CSF 590 or 591)**

~~Forensics Track: CSF 410, 414, 512, 516, 524~~

~~Security Track: CSF 534, 410, 524, 538, (536 or 512)~~

**Optional Courses: CSF 410, all 500-level CSF courses, CSC/CSF 462.**

7. Signature of the President

---

David M. Dooley

Notice of Change for: Digital Forensics Graduate Certificate Program

Date: 6/30/2017

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 2018  
First degree date: Spring 2019

4. Intended location of the program

Online

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

We are proposing to:

- 1) Change the name of the program to **“Digital Forensics and Incident Response Graduate Certificate”** because this better reflects the skills that the certificate will provide.
- 2) Change the requirements for the Digital Forensics and Incident Response Graduate Certificate Program. The program still requires 20 credits. We have changed some of the courses that are required. We are proposing these changes because the new course requirements better reflect the required skills for a professional in the digital forensics field.

See details below in the Track Changes catalog description.

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

The existing catalog description is as follows:

#### DIGITAL FORENSICS GRADUATE CERTIFICATE PROGRAM

The Graduate Certificate in Digital Forensics is designed for professionals who have a four-year undergraduate degree and wish to pursue a focused program in the field of digital forensics. A student wishing to receive a Graduate Certificate in Digital Forensics must complete the following courses: CSF 410, 512, 516, and one of CSF 414, 524.

We propose to change the description to the following:

#### DIGITAL FORENSICS AND INCIDENT RESPONSE GRADUATE CERTIFICATE PROGRAM

The Graduate Certificate in Digital Forensics is designed for professionals who have a four-year undergraduate degree and wish to pursue a focused program in the field of digital forensics. A student wishing to receive a Graduate Certificate in Digital Forensics **and Incident Response** must complete the following courses: CSF 410, 432, 512, 516, and ~~one of CSF 414, 524~~.

7. Signature of the President

---

David M. Dooley

**Notice of Change form**

**Notice of Change for:**      **BS in Mathematics / MS in Mathematics (Applied Tracks)**

**Date:**                      **March 14, 2018**

**A.      PROGRAM INFORMATION**

**1. Name of institution**

University of Rhode Island

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

Department:              Mathematics

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 2018

First degree date:        Spring 2020

**4. Intended location of the program**      Department of Mathematics, Kingston

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

This proposal is to create a Consolidated Five-year BS-MS Program in Applied Mathematics. The new consolidated program is designed to allow students to complete both the BS in Mathematics, Applied Mathematics option, and the MS in Mathematics, Applied Mathematics track, in five years. Students will complete all of the requirements of both degree programs, so it is not a new degree program. Although, this program is set up for BS-MS in Applied Mathematics it is worth noting that students from other undergraduate programs who have taken courses in calculus (including multivariate calculus (MTH 243) and differential equations (MTH 244)), linear algebra (MTH 215), advanced calculus (MTH437/438) or analysis (MTH435/436), and a computer programming course (e.g. CSC 201) can also be admitted into the MS Mathematics Applied track early (senior year) and hence complete an MS in Mathematics, Applied Mathematics track, in five years. The Department website will include information and

advising plans to help students select the appropriate classes to ensure completion within 5 years.

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

Consolidated Five Year BS – MS Program in Applied Mathematics: The program is designed for students who want to enter the program while still undergraduates and earn the degree in the year following completion of their bachelors. In general, students will earn 9-12 credits for the degree M.S. Applied Mathematics track during their fourth year, leaving 18-21 credits to be completed during the fifth year. Please see the department website for more information. <http://www.math.uri.edu>

- 7. Signature of the President**

---

David M. Dooley



## Website Description

### CONSOLIDATED FIVE-YEAR BS-MS PROGRAM IN MATHEMATICS (APPLIED TRACK)

The Consolidated Five-Year BS-MS Program in Mathematics – Applied Track allows students to complete a bachelor's degree and a master's degree in 5 years. Students will complete their BS degree requirements and graduate by the end of the senior year (as regularly scheduled), and then complete the MS degree requirements over the next two semesters. The degree requirements for BS in Mathematics are the same as for students completing the degree over four years; the MS degree requirements are the same as for students completing the degree over two years.

**Eligibility Requirements:** To be considered for the Consolidated BS-MS in Mathematics Applied Track, students must have:

- junior standing (62 credits minimum);
- overall GPA of at least 3.0;
- math GPA of at least 3.0 ([GPA Calculator](#));
- complete the following courses by fall semester of junior year:  
MTH 141/142/243/244/215/437 or 435/one programming course (e.g., CSC 201).

If admitted, student is required to maintain a 3.0 GPA.

**Application Procedure:** To apply for the Consolidated BS-MS in Mathematics Applied Track, student must submit the following:

1. application form (attached below) along with two URI faculty members that can be contacted for recommendation letters (one of the faculty members must be from the Mathematics Department);
2. (un)official transcript; and
3. one-page personal statement reflecting why you should be considered for this program.

Students apply for the program in the Fall semester of their junior year and are notified of acceptance in the spring of the junior year. Students officially change from undergraduate students to graduate students after completion of the BS degree requirements and graduation. Please see the 5-year advising plan for course selection.

## Consolidated BS-MS Applied Mathematics Track – Advising Plan

Consolidated Five Year BS - MS Program in Applied Mathematics						
Freshman Year - Fall			Freshman Year - Spring			
Course	Description	Cr	Course	Description	Cr	
MTH 141	Calculus I (Gen Ed - A1,B3)	4	MTH 142	Calculus II (Gen Ed - A1,B3)	4	
URI 101	Traditions and Transformations	1		Gen Ed (e.g. OCG 103G - A1,C2,G)	3	
	Gen Ed (e.g. ART 101 - A4)	3		Gen Ed (e.g. PHL 215 - A1, B1)	3	
	Gen Ed (e.g. COM 100 - B2)	3		Gen Ed (e.g. PSC 113 - A2,C1)	3	
	Elective (e.g. CHM 101/CHM 102 Gen Ed - A1)	4		Elective (e.g. PHY 203/PHY 273 Gen Ed - A1)	4	
	Total Credits	15		Total Credits	17	
Sophomore Year - Fall			Sophomore Year - Spring			
Course	Description	Cr	Course	Description	Cr	
MTH 243	Calculus III (Gen Ed - A1,B3)	3	MTH 244	Intro to Differential Equations	3	
MTH 215	Intro to Linear Algebra	3	CSC 201	Intro to Computer Programming (Gen ed - B3)	3	
	Gen Ed (e.g. ECN 201 - A2)	3	STA 409	Statistical Methods in Research I	3	
	Gen Ed (e.g. PHL 212 - A3,C3)	3		Gen Ed (e.g. ECN 202 - A2,C1)	3	
	Elective (e.g. BIO 101/BIO 103 Gen Ed - A1)	4		Gen Ed (e.g. WRT 104 - B1,B4)	3	
				Elective	3	
	Total Credits	16		Total Credits	18	
Junior Year - Fall			Junior Year - Spring			
Course	Description	Cr	Course	Description	Cr	
	MTH Elective (e.g. MTH 451)	3		MTH Elective (e.g., MTH 452)	3	
MTH 437	Advanced Calculus and Applications I	3	MTH 438	Advanced Calculus and Applications II	3	
STA 412	Statistical Methods in Research II	3		MTH Elective (e.g., MTH 447)	3	
	Gen Ed (D1)	3		Application course III	3	
	Elective	3		Elective	3	
	Elective	3		Elective	3	
	Total Credits	18		Total Credits	18	
Senior Year - Fall			Senior Year - Spring			
Course	Description	Cr	Course	Description	Cr	
	MTH Elective (e.g., MTH 442)	3	MTH 518	Matrix Analysis and Applications	3	
MTH 441	Intro to Partial Differential Equations	3		Graduate Course (e.g. MTH 472)	3	
MTH 571	Numerical Analysis	3		Elective	3	
	Elective	3		Elective	3	
	Elective	3		Elective	3	
	Total Credits (includes 6 graduate credits)	15		Total Credits (includes 6 graduate credits)	15	
Fifth Year - Fall			Fifth Year - Spring			
Course	Description	Cr	Course	Description	Cr	
MTH 581	Optimization Methods	3		Graduate Course (e.g. MTH 572)	3	
	Graduate Course (e.g. ELE 501 or STA 541)	3		Graduate Course (e.g. MTH 550 or CMB 522)	3	
	Graduate Course (e.g. ELE 584 or STA 545)	3		Graduate Course (e.g. MTH 453)	3	
			MTH 591	(if nonthesis)	1	
	Total Graduate Credits	9		Total Graduate Credits	10	
Total Credits: 150 (120 Undergraduate + 30 Graduate) - (+1 graduate credit if nonthesis)						
Color Coding - Legend			General Comments:			
Required Courses for BS in Applied Math						
Additional four MTH courses for BS (electives)			Summer or J-term classes can reduce the number of credits needed during the Fall or Spring semester. MTH summer classes: MTH 141,142,215,243,244,451.			
Applied Courses for BS (many options)						
Graduate Courses (many options for electives)			Fourth and Fifth year might be different for students, depending on when they enroll in the program. Since most of our upper level courses are on a two-year rotation, advisors will have to make sure students choose courses properly.			

## Consolidated 5-Year B.S./M.S. Program – Applied Mathematics Track

### Department of Mathematics

With the growing demand for professionals with strong analytical and computational skills, the Department of Mathematics has created a 5-year consolidated program that allows students to earn a B.S. and M.S. in applied mathematics. The program consists of four core courses that give students a strong foundation in applied and computational mathematics. The remaining coursework is designed to be as flexible as possible to meet students' strengths and interests. Students in this consolidated program can expect to gain jobs in consulting, governmental agencies, data analytics, finance, or scientific labs.

**Eligibility Requirements:** To be considered, students must have:

- ☐ junior standing (62 credits minimum);
- ☐ overall GPA of at least 3.0;
- ☐ math GPA of at least 3.0 ([GPA Calculator](#));
- ☐ complete the following courses by fall semester of junior year:  
MTH 141/142/243/244/215/435 or 437/one programming course (e.g., CSC 201).

If admitted, students are required to maintain a 3.0 GPA.

**Application Procedure:** To apply, please submit the following:

- (1) this form along with the names of two URI faculty members that can be contacted for recommendation letters (one of the faculty members must be from the Mathematics Department);
- (2) (un)official transcript; and
- (3) one-page personal statement reflecting why you should be considered for this program.

Applications can be submitted to the Department of Mathematics, Lippitt Hall 200.

Please direct all questions to Prof. Perovic at [perovic@uri.edu](mailto:perovic@uri.edu).

#### Background:

Name: \_\_\_\_\_

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

Email: \_\_\_\_\_

# of Credits: \_\_\_\_\_

Overall GPA: \_\_\_\_\_

Math GPA: \_\_\_\_\_

#### Recommendation Letters:

Write the names of two URI faculty members  
to be contacted for a recommendation letter:

\_\_\_\_\_

\_\_\_\_\_

## Advising Plan for the Consolidated BS-MS in Applied Mathematics Track

Freshman Year - Fall			Freshman Year - Spring		
Course	Description	Cr	Course	Description	Cr
<b>MTH 141</b>	<b>Calculus I (Gen Ed - A1,B3)</b>	<b>4</b>	<b>MTH 142</b>	<b>Calculus II (Gen Ed - A1,B3)</b>	<b>4</b>
<b>URI 101</b>	Traditions and Transformations	1		Gen Ed (e.g. OCG 103G - A1,C2,G)	3
	Gen Ed (e.g. ART 101 - A4)	3		Gen Ed (e.g. PHL 215 - A1, B1)	3
	Gen Ed (e.g. COM 100 - B2)	3		Gen Ed (e.g. PSC 113 - A2,C1)	3
	Elective (e.g. CHM 101/CHM 102 Gen Ed - A1)	4		Elective (e.g. PHY 203/PHY 273 Gen Ed - A1)	4
	<b>Total Credits</b>	<b>15</b>		<b>Total Credits</b>	<b>17</b>

Sophomore Year - Fall			Sophomore Year - Spring		
Course	Description	Cr	Course	Description	Cr
<b>MTH 243</b>	<b>Calculus III (Gen Ed - A1,B3)</b>	<b>3</b>	<b>MTH 244</b>	<b>Intro to Differential Equations</b>	<b>3</b>
<b>MTH 215</b>	<b>Intro to Linear Algebra</b>	<b>3</b>	<b>CSC 201</b>	<b>Intro to Computer Programming (Gen ed - B3)</b>	<b>3</b>
	Gen Ed (e.g. ECN 201 - A2)	3	<b>STA 409</b>	<b>Statistical Methods in Research I</b>	<b>3</b>
	Gen Ed (e.g. PHL 212 - A3,C3)	3		Gen Ed (e.g. ECN 202 - A2,C1)	3
	Elective (e.g. BIO 101/BIO 103 Gen Ed - A1)	4		Gen Ed (e.g. WRT 104 - B1,B4)	3
				Elective	3
	<b>Total Credits</b>	<b>16</b>		<b>Total Credits</b>	<b>18</b>

Junior Year - Fall			Junior Year - Spring		
Course	Description	Cr	Course	Description	Cr
	MTH Elective (e.g. MTH 451)	3		MTH Elective (e.g., MTH 452)	3
MTH 437	Advanced Calculus and Applications I	3	MTH 438	Advanced Calculus and Applications II	3
STA 412	Statistical Methods in Research II	3		MTH Elective (e.g., MTH 447)	3
	Gen Ed (D1)	3		Application course III	3
	Elective	3		Elective	3
	Elective	3		Elective	3
	Total Credits	18		Total Credits	18

Senior Year - Fall			Senior Year - Spring		
Course	Description	Cr	Course	Description	Cr
	MTH Elective (e.g., MTH 442)	3	MTH 518	Matrix Analysis and Applications	3
MTH 441	Intro to Partial Differential Equations	3		Graduate Course (e.g. MTH 472)	3
MTH 571	Numerical Analysis	3		Elective	3
	Elective	3		Elective	3
	Elective	3		Elective	3
	Total Credits (includes 6 graduate credits)	15		Total Credits (includes 6 graduate credits)	15

\*\*\* By this point students would satisfy all requirements for a bachelor's degree in Mathematics – Applied Math Option and have earned 12 graduate credits.

\*\*\* If students are able/willing to take courses in summer or J-term, they can make their sophomore and junior years lighter.

Color Coding - Legend	General Comments:
Required Courses for BS in Applied Math	<p>Summer or J-term classes can reduce the number of credits needed during the Fall or Spring semester.  MTH summer classes: MTH 141,142,215,243,244,451.</p> <p>Fourth and Fifth year might be different for students, depending on when they enroll in the program. Since most of our upper level courses are on a two-year rotation, advisors will have to make sure students choose courses properly.</p>
Additional four MTH courses for BS (electives)	
Applied Courses for BS (many options)	
Graduate Courses (many options for electives)	

Fifth Year - Fall			Fifth Year - Spring		
Course	Description	Cr	Course	Description	Cr
MTH 581	Optimization Methods	3		Graduate Course (e.g. MTH 572)	3
	Graduate Course (e.g. ELE 501 or STA 541)	3		Graduate Course (e.g. MTH 550 or CMB 522)	3
	Graduate Course (e.g. ELE 584 or STA 545)	3		Graduate Course (e.g. MTH 453)	3
			MTH 591	(if nonthesis)	1
	Total Graduate Credits	9		Total Graduate Credits	10

**Total Credits: 150 (120 Undergraduate + 30 Graduate) - (+1 graduate credit if nonthesis)**

Notice of Change form

Notice of Change for: History MA Program

Date: 6 April 2018

A. PROGRAM INFORMATION

1. Name of institution

University of Rhode Island

2. Name of department, division, school or college

Department: History

College: A&S

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

Initiation date: Fall 2018

First degree date: Spring 2019

4. Intended location of the program

Kingston

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

We currently require the GRE for all applicants. We have voted as a department to replace this requirement with the following language: "GRE required for applicants to the Archaeology and Anthropology program only; optional for all others."

We currently require students in the non-thesis option to take written and oral comprehensive exams. We have voted as a department to replace that requirement with a requirement that non-thesis students complete a major research paper by taking HIS 495 or 591.

Please see attached summary for more details.

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

Admission requirements: ~~B~~GRE and bachelors degree. GRE required for applicants to the Archaeology and Anthropology program only; optional for all others.

**United States or European History specialization program requirements:** Of the 30 required credits, at least fifteen credits must be from HIS 506, 507, or 508. Courses with these numbers may be repeated if taken with different professors and/or on different



topics. Three of these fifteen credits may be filled by a 500- or 600-level seminar in another department. Admission to the thesis option will be granted after evaluation by the director of graduate studies and two faculty members who are familiar with the student's first semester of graduate work.

In the non-thesis option, the student may earn no more than 12 credits in special readings (502, 503, 536, 537, and 588) and directed studies (591). Nine credits will normally be taken in the secondary concentration. ~~A written comprehensive examination in the student's primary and secondary concentrations and a follow up oral examination are required. The examining committee will normally consist of two faculty members from the student's primary concentration and one from the secondary concentration.~~ Students will complete a major research paper in either HIS 495 or HIS 591.

**Archaeology and anthropology specialization program requirements:** Of the 30 required credits, students must select at least three from HIS 401, 441, or 481; at least three credits from APG 401, 413, or 427; and at least three credits from HIS/APG 490, APG 417, and ART 475/575. Students must take an additional six credits of 500-level history courses, including at least three credits from HIS 506, 507, or 508. Students must also take ART/APG 465 or 565. The remaining credits are to be selected from the following approved electives: Any 400- or 500-level history course, any anthropology course listed above; any art history course listed above; APG 470; ART 469, 470, 480; NES 400; TMD 440, 510, 520, 524, 570. Up to six credits of other graduate courses may be substituted for approved electives with approval of the student's major professor and option coordinator. ~~A comprehensive examination and a follow up oral examination are required, unless the student is pursuing the thesis option. The examining committee will normally be comprised of at least two faculty members from history, and one each from anthropology and art.~~ Students pursuing the thesis option will take up to 9 credits of HIS 599, and students pursuing the non-thesis option will complete a major research paper in either HIS 495 or 591.

## 7. Signature of the President

---

David M. Dooley