Mathematics-BS **THE UNIVERSITY OF RHODE ISLAND** FALL 2018-SPRING 2019

General Option

120 Credits Total

43 Credits in Major

ABOUT THE MATHEMATICS BS DEGREE:

The BS program in Mathematics includes core courses along with higher level courses in several areas that allow you to explore the fascinating world of mathematics. Many companies in industry and the service sector are interested in graduates who have a degree in Mathematics. While some students complete a Bachelor's Degree and from there, get a job, others continue on to graduate school.

STEP 1:

Major Requirements:

Course	Semester	Credits	Grade
MTH 141		4	
MTH 142		4	
MTH 215		3	
MTH 243		3	
MTH 307		3	
MTH 316		3	
MTH 435		4	
MTH 436		4	
MTH 462		3	
MTH ____		3	
MTH ____		3	
MTH ____		3	
MTH ____		3	

MTH 101, 103, 104, 105, 106, 107, 108, 109, 110, 111, 208, 209, 362, and 420 may not be used toward this degree.

Free elective credits

(to meet the 120 credits required for graduation):

Course	Credits	Course	Credits

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

Mathematics-BS **THE UNIVERSITY OF RHODE ISLAND** FALL 2018-SPRING 2019
General Option
120 Credits Total
43 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:

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

STEP 3:

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.

B.S Mathematics (2018-2019 Catalog)

Requirements by Type

please see reverse for requirements by year

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

Fall	Spring	Milestones
Year One		
MTH 141 (Gen Ed)	MTH 142	Overall GPA 2.00
Gen Ed	Gen Ed	Complete URI 101
Gen Ed	Gen Ed	Complete 30cr (or consider summer/J-term courses)
Gen Ed	Gen Ed	Complete MTH 141 and 142 with a C- or better
Gen Ed	Gen Ed	Meet with Advisor for credit check
URI 101		
(17 cr total)	(16-17 cr total)	

Year Two		
MTH 215	MTH 243	Overall GPA 2.00
Gen Ed	MTH 307	Consider Minor area of study
Gen Ed	Elective	Move from UC to College of Arts & Sciences (Complete 24 credits and overall GPA 2.00
Gen Ed	Elective	Complete 60cr
12-13 cr total)	Gen Ed	Complete MTH 141,142, 215 and 243
	(15 cr total)	Meet with advisor
		Consider second major

Year Three		
MTH 462	MTH 316	Overall GPA 2.00
MTH Elective	MTH 435	Declare and complete minor area of study (optional)
MTH Elective	Elective	Declare second major (optional)
Elective	Elective	Complete 90cr
Elective	Elective	Meet with advisor
(15 cr total)	(15 cr total)	

Year Four		
MTH 436		Overall GPA 2.00
MTH Elective	MTH Elective	Complete 120cr
Elective	Elective	Meet with advisor to complete intent to graduate form by Oct. 1
Elective	Elective	
Elective	Elective	
(15 cr total)	(12 cr total)	

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