120 Credits Total 32-45 Credits in Major

## **ABOUT THE MATHEMATICS BA DEGREE:**

The BA program in Mathematics includes core courses along with higher level courses in several areas that allow you to explore the fascinating world of mathematics.

## 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 4		3		
MTH		3		
MTH		3		
MTH		3		
Optional Major credits)	Optional Major Electives (do not exceed 45 MTH credits)			

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

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

Course	Credits	Course	Credits

## Free elective credits

(to meet the 120 credits required for graduation):

(to meet the 120 credits required for graduation):			ition):	
Course	Credits		Course	Credits

32-45 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.

<u>STEP 2:</u>

# 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			
<b>B1.</b> Write effectively			
<b>B2.</b> Communicate effectively			
<b>B3.</b> Mathematical, statistical, or			
computational strategies			
<b>B4.</b> Information literacy			
RESPONSIBILITIES			
C1. Civic knowledge &			
responsibilities			
C2. Global responsibilities			
C3. Diversity and Inclusion			
INTEGRATE & APPLY			
<b>D1.</b> Ability to synthesize			
GRAND CHALLENGE			
<b>G.</b> 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.

## B.A 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		
(17-18 cr total)	(16 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	
Elective	Gen Ed	Complete MTH 141,142, 215 and 243	
(15-16 cr total)	(15 cr total)	Meet with advisor	
	·	Consider second major	

Year Three			
MTH Elective	MTH 316	Overall GPA 2.00	
Upper-level elective	MTH Elective	Declare and complete minor area of study (optional)	
Upper-level elective	Upper-level elective	Declare second major (optional)	
Elective	Upper-level elective	Complete 90cr	
Elective	Elective	Meet with advisor for 300-level or above credit check	
(15 cr total)	(15 cr total)		

Year Four			
MTH 400-level course	Upper-level elective	Overall GPA 2.00	
MTH Elective	Upper-level elective	Complete 120cr	
Upper-level elective	Upper-level elective	Meet with advisor to complete intent to graduate form by Oct. 1	
Upper-level elective	Upper-level elective		
Upper-level elective	Elective		
(15 cr total)	(15 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.