Mathematics-BS *General Option*

THE UNIVERSITY OF RHODE ISLAND

FALL 2024-SPRING 2025

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 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

*Course approved for general education credit

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.

<u>STEP 2:</u>

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 REOUIREMENTS.

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.