

Major Map

BULLETIN YEAR: 2019-2020 **Degree:** BA; BS

Major: MATHEMATICS: PURE MATH CONCENTRATION

The major map illustrates one path to completing your major, based on faculty members' advice on course sequence and a department's tentative plans for scheduling courses. This document provides general direction. For more specific advice and up to date schedules, it is expected that students will regularly discuss their plans of study with academic advisors and monitor the current class schedules as students are responsible for ensuring that all requirements for graduation have been met.

Course	Cr. Hrs.	Course	Cr. Hrs.
FIRST YEAR			
Semester: Fall Total Credit Hours: 4		Semester: Spring Total Credit Hours: 7	
MTH 132: Calculus 1	4	MTH 133: Calculus 2	4
		MTH 223: Linear Algebra	3
Course	Cr. Hrs.	Course	Cr. Hrs.
SOPHOMORE YEAR			
Semester: Fall Total Credit Hours: 7		Semester: Spring Total Credit Hours: 6	
MTH 233: Calculus 3	4	MTH 334: Differential Equations	3
MTH 332: Intro to Proof	3	MTH 523: Modern Algebra	3
Course	Cr. Hrs.	Course	Cr. Hrs.
JUNIOR YEAR			
Semester: Fall Total Credit Hours: 6		Semester: Spring Total Credit Hours: 6	
MTH 532: Adv. Calculus 1	3	MTH course from Required Courses	3
MTH course from Required Courses	3	MTH course from Required Courses	3
Course	Cr. Hrs.	Course	Cr. Hrs.
SENIOR YEAR			
Semester: Fall Total Credit Hours: 3		Semester: Spring Total Credit Hours: 3	
MTH course from Required Courses	3	MTH 499: Capstone	3
Course	Cr. Hrs.	Course	Cr. Hrs.
FIFTH YEAR (IF NEEDED)			
Semester: Total Credit Hours:		Semester: Total Credit Hours:	

124 hours minimum required for graduation
 Total for major: 42 semester hours

40 hours 300 level or above required