

Mathematics Major & Data Science Certificate Planning Guide

4 Year Plan

	Fall		Spring	
	Math	DS	Math	DS
Year 1	MATH 221 (5)	COMP SCI 220 (4)	Math 222 (4)	STAT 240 (4 cr)
Shared/Gen-Ed	electives and gen-ed courses		electives and gen-ed courses	
Year 2	MATH 234 (4)	L I S 461 (3-4)	MATH 341 (3), Intermediate Math (3)	
Shared/Gen-Ed	electives and gen-ed courses		electives and gen-ed courses	
Year 3	Intermediate Math (3), Advanced Math (3)		Intermediate Math (3), Advanced Math (3)	
Shared/Gen-Ed	electives and gen-ed courses		electives and gen-ed courses	
Year 4				Fundamental or Domain Elective
Shared/Gen-Ed	MATH 535 (3) , electives and gen-ed courses		electives and gen-ed courses	

5 Semester Plan

Semester 1	Semester 2	Semester 3	Semester 4	Semester 5
COMP SCI 220 (4)	STAT 240 (4)	L I S 461 (3-4)	Fundamental or Domain Elective (3-4)	MATH 535 (3)

3 Semester Plan

Semester 1	Semester 2	Semester 3
COMP SCI 220 (4), L I S 461 (3-4)	STAT 240 (4), Fundamental/Domain Elective (3-4)	MATH 535 (3)

MATH 535 is an overlapping elective.

CS 220, STAT 240, and L I S 461 are offered every fall, spring, and summer.

[Guide link to the Mathematics major \(select Mathematics BA or BS\).](#)

[Guide link to the Data Science certificate.](#)

Updated March 23, 2023