

Advising Course Plan - Mathematics Major

- ² CSCI 261 offered annually, either fall or spring semester
³ MATH 221Q is offered every fall semester
⁴ Math electives are offered every two years. Please check with the Mathematics Department for details on course sequencing.
⁵ Select one of the following Applications-oriented courses: MATH 321, MATH 341, MATH 351, MATH 361.
⁶ Select one of the following proof-oriented courses: MATH 312, MATH 401, MATH 431, MATH 441.

First Year		
Fall		
MATH 142Q ¹	Calculus II with Analytic Geometry	1
FSEM 100	First Year Seminar	1
	General Education requirement	1
	Elective	1
Term Units		4
Spring		
MATH 211Q ¹	Linear Algebra	1
CSCI 141 or 261 ^{1 2}	Introduction to Computer Science I Data Science I	1
	General Education requirement	1
	Elective	1
Term Units		4
Second Year		
Fall		
MATH 243Q ¹	Calculus III with Analytic Geometry	1
MATH 221Q ³	Introduction to Logic and Proof	1
	General Education requirement	1
	Elective	1
Term Units		4
Spring		
	MATH Elective ⁴	1
	General Education requirement	1
	Elective	1
	Elective	1
Term Units		4
Third Year		
Fall		
	MATH Elective - Applied ⁵	1
	MATH Elective	1
	Junior Seminar	1
	General Education requirement	1
Term Units		4
Spring		
	MATH Elective - Pure ⁶	1
	MATH Elective	1
	General Education requirement	1
	Elective	1
Term Units		4
Fourth Year		
Fall		
	MATH Elective	1
MATH 498	Senior Project I	1
	General Education requirement	1
	General Education requirement	1
Term Units		4
Spring		
MATH 499	Senior Project II	1
	Elective	1
	Elective	1
	Elective	1
Term Units		4
Total Unit: 32		

¹ Course is offered every fall and spring semester