

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		Units
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 Introduction to Scientific Computing	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