

Advising Course Plan - Applied Mathematics Major - Data Science - 3 Year Plan

This advising plan shows an example of working through the requirements for the major in three years. It is appropriate for students who have already completed eight units of coursework. The student's individual academic plan will be developed in consultation with an adviser and reviewed each semester prior to registering for the next semester. This plan assumes that the student has not taken any courses for the major prior to the first semester shown in the plan.

Courses for the major that should be completed prior to the first semester of this plan: None required

First Year		
Fall		Units
MATH 141Q	Calculus I with Analytic Geometry	1
CSCI 261	Data Science I	1
MATH 125Q	Introduction to Mathematical and Statistical Modeling	1
General Education Requirement or Elective		1
Term Units		4
Spring		
MATH 142Q	Calculus II with Analytic Geometry	1
CSCI 362	Data Science II	1
MATH 211Q	Linear Algebra	1
General Education Requirement or Elective		1
Term Units		4
Second Year		
Fall		
Upper Level Math/Computer Science Requirement		1
MATH 221Q	Introduction to Logic and Proof	1
General Education Requirement or Elective		1
General Education Requirement or Elective		1
Term Units		4
Spring		
Upper Level Math/Computer Science Requirement		1
Upper Level Math/Computer Science Requirement		1
General Education Requirement or Elective		1
General Education Requirement or Elective		1
Term Units		4
Third Year		
Fall		
MATH 498	Senior Project I	1
Upper Level Math/Computer Science Requirement		1
General Education Requirement or Elective		1
General Education Requirement or Elective		1
Term Units		4
Spring		
MATH 499	Senior Project II	1
Upper Level Math/Computer Science Requirement		1
General Education Requirement or Elective		1
General Education Requirement or Elective		1
Term Units		4
Total Unit: 24		