Advising Course Plan - Applied Mathematics - Physics 2-Year Plan

This advising plan shows an example of working through the requirements for the major in two years. It is appropriate for students who have already completed sixteen units of coursework with many of the General Education requirements satisfied by that earlier 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 taken Calculus I, Calculus II, University Physics I and University Physics II prior to the first semester shown in the plan. Students who have completed less than 16 units, have a substantial number of General Education requirements yet to satisfy, or who have not completed the courses just listed may not be able to complete the degree in two years.

Courses for the major that should be completed prior to the first semester of this plan: Calculus I, Calculus II, University Physics I, University Physics II

First Year		
Fall		**Units**
MATH 221Q	Introduction to Logic and Proof	1
MATH 243Q	Calculus III with Analytic Geometry	1
PHYS 304	Mathematical Methods in Physics	1
General Education Requirement of Elective		1
	Term Units	**4**
Spring		
MATH 211Q	Linear Algebra	1
Upper Division MATH or PHYS Requirement[1]		1
Upper Division MATH or PHYS Requirement[1]		1
General Education Requirement or Elective		1
	Term Units	**4**
Second Year		
Fall		
MATH 498	Senior Project I	1
CSCI 261 or 141	Data Science I Introduction to Computer Science I	1
Upper Division MATH or PHYS Requirement[1]		1
Upper Division MATH or PHYS Requirement[1]		1
	Term Units	**4**
Spring		
MATH 499	Senior Project II	1
Upper Division MATH or PHYS Requirement[1]		1
Upper Division MATH or PHYS Requirement[1]		1
General Education Requirement or Elective		1
	Term Units	**4**

Total Unit: 16

[1] One of two units required from MATH courses: MATH 312, MATH 361, MATH 371, MATH 372, MATH 411, MATH 422 and one of two units required from PHYS courses: PHYS 322, PHYS 332, PHYS 343.