

# Bachelor of Science, Applied Mathematics Physics Emphasis

Four-Year Sample Plan for Catalog Year 2014 - 2015

Student Services Office-Undergraduate Advising

School of Natural Sciences

Website: <http://ns-advising.ucmerced.edu>

Semester 1	Units
MATH 021	4
PHYS 008	4
WRI 010	4
CSE 020	2
Freshman Seminar*	1
	15

Semester 2	Units
MATH 022	4
PHYS 009	4
CHEM 002	4
CORE 001	4
	16

Semester 3	Units
MATH 023	4
MATH032	4
PHYS 010	4
Lower Division Elective (Humanities/Arts)	4
	16

Semester 4	Units
MATH 024	4
UD Physics Emphasis Elective	4
LD Intro BIO/ESS Course	4
Lower Division Elective (Social Sciences)	4
	16

Semester 5	Units
MATH 125	4
MATH 131	4
UD Physics Emphasis Elective	4
Upper Division Elective (Communication)	4
	16

Semester 6	Units
MATH 122	4
MATH 132	4
Upper Division Elective (Humanities/Arts/Social Sciences)	4
Free Elective	4
	16

Semester 7	Units
MATH 141	4
UD Physics Emphasis Elective	4
Free Elective	4
Free Elective	4
	16

Semester 8	Units
Math 126	4
Free Elective	4
UD Physics Emphasis Elective	2
Free Elective	4
	14

**Total Program Units 125**

\* Optional course for Math major.

The four-year plans presented in this sample plan demonstrate the recommended sequencing and timing of the required and elective components within each major. In many cases, a student's academic background will require variations in the timing of the coursework listed in the plan. All students are expected to work with their academic advisor to find their best pathway through the degree requirements of their chosen program.