

## Bachelor of Science, Applied Mathematics Economics 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
ECON 001 (Social Sciences Elective)	4
LD Intro BIO/ESS Course	4
Lower Division Elective (Humanities/Arts)	4
	16

Semester 4	Units
MATH 024	4
MATH 032	4
ECON 010	4
Free Elective	4
	16

Semester 5	Units
MATH 125	4
ECON 100	4
MATH 131	4
Upper Division Elective (Communication)	4
	16

Semester 6	Units
MATH 122	4
MATH 132	4
ECON 130	4
Free Elective	4
	16

Semester 7	Units
MATH 141	4
ECON 101	4
Free Elective	4
Free Elective	4
	16

Semester 8	Units
Math 126	4
Upper Division Elective (Humanities/Arts/Social Sciences)	4
Free Elective	4
Free Elective	4
	16

**Total Program Units 127**

\* Optional course for Math major.

\*\* Or ESS 001, ESS 005

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.