

**Bachelor of Science, Applied Mathematics
Computational and Data Sciences Emphasis**

Four-Year Sample Plan for Catalog Year 2015 - 2016

Student Services Office-Undergraduate Advising

School of Natural Sciences

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

Semester 1	Units
MATH 021	4
CHEM 002	4
WRI 010	4
CSE 020	2
	14

Semester 2	Units
MATH 022	4
PHYS 008	4
CORE 001	4
Free Elective	4
	16

Semester 3	Units
MATH 024	4
BIO 001*	5
PHYS 009	4
Lower Division Elective (Humanities/Arts)	4
	17

Semester 4	Units
MATH 023	4
MATH 032	4
MATH 131	4
Lower Division Elective (Social Sciences)	4
	16

Semester 5	Units
MATH 125	4
MATH 146	4
Free Elective	4
MATH 141	4
	16

Semester 6	Units
MATH 122	4
MATH 132	4
MATH 140	4
Upper Division Elective (Humanities/Arts/Social Sciences)	4
	16

Semester 7	Units
MATH 181	4
Free Elective	4
Upper Division Elective (Communication)	4
Free Elective	4
	16

Semester 8	Units
MATH 126	4
MATH 150	4
MATH 180	4
	12

Total Program Units 123

*OR ESS 001 OR 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.