

Bachelor of Science, Applied Mathematics, Computer Science Emphasis

Four-Year Sample Plan for Catalog Year 2017 - 2018

Student Services Office-Undergraduate Advising

School of Natural Sciences

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

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

Semester 2	Units
Lower Division Humanities/Arts Elective	4
PHYS 008 or 008H	4
CORE 001	4
MATH 022	4
	16

Semester 3	Units
BIO or ESS Requirement	4
PHYS 009 or 009H	4
CSE 021	2
MATH 023	4
	14

Semester 4	Units
Lower Division Social Science Elective	4
MATH 024	4
MATH 032	4
BIO 002	4
	16

Semester 5	Units
Upper Division Science Writing Course	4
CSE 031	4
MATH 130	4
MATH 125	4
	16

Semester 6	Units
Computer Science Emphasis Elective	4
MATH 126	4
Free Elective	4
Upper Division Elective (Social Sciences/Humanities/Arts)	4
	16

Semester 7	Units
Computer Science Emphasis Elective	4
Free Elective	4
MATH 122	4
MATH 141	4
	16

Semester 8	Units
Free Elective	4
MATH 132 or 146	4
MATH 150	4
	12

Total Program Units 120

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.