

**Bachelor of Science, Chemical Sciences  
Environmental Chemistry Emphasis**

Four-Year Sample Plan for Catalog Year 2016 – 2017

**Student Services Office-Undergraduate Advising**

School of Natural Sciences

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

Semester 1	Units
MATH 021	4
CHEM 002/002H	4
WRI 010	4
MATH 015	2
	14

Semester 2	Units
MATH 022	4
PHYS 008/008H	4
CHEM 010/010H	4
CORE 001	4
	16

Semester 3	Units
MATH 023	4
CHEM 008 & 008L or 008H	4
PHYS 009/ 009H	4
Lower Division Elective (Humanities/Arts)	4
	16

Semester 4	Units
CHEM 100	3
MATH 032	4
MATH 024	4
Lower Division Elective (Social Sciences)	4
	15

Semester 5	Units
ESS 100	4
CHEM 112	3
CHEM 101L	2
Upper Division Elective (Communication)	4
	13

Semester 6	Units
CHEM 113	3
CHEM 153	2
Upper Division Elective (Humanities/Arts/Social Sciences)	4
BIO 001*	4
Free Elective	4
	17

Semester 7	Units
CHEM 111	4
CHEM 120	3
CHEM 115	3
CHEM 155	2
UD Environmental Emphasis Elective	3
	15

Semester 8	Units
CHEM 150	2
CHEM 194	1
UD Environmental Emphasis Elective	3
Free Elective	4
Free Elective	4
	14

**Total Program Units 120**

\* BIO 001L is optional, not required.

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.