

# Bachelor of Science, Earth Systems Science

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 011 or 021	4
MATH 015	2
WRI 010	4
CHEM 002	4
	14

Semester 2	Units
MATH 012 or 022	4
CHEM 010	4
CORE 001	4
ESS 001	4
	16

Semester 3	Units
Lower Division NS or ENGR	4
PHYS 008 or 018	4
Free Elective	4
Lower Division Elective (Humanities/Arts)	4
	16

Semester 4	Units
Lower Division NS or ENGR	4
PHYS 009 or 019	4
MATH 018	4
Lower Division Elective (Social Sciences)	4
	16

Semester 5	Units
ESS 100	4
ESS 110	4
UD Major ECON Elective	3-4
Upper Division Elective (Communication)	4
	15-16

Semester 6	Units
ESS 120	4
ESS 141	4
BIO 148	4
Upper Division Elective (Social Sciences/Humanities/Arts)	4
	16

Semester 7	Units
Free Elective	4
Upper Division ESS Elective	3-4
Upper Division NS or ENGR Elective	3-4
ESS 190	1
Free Elective	4
	15-17

Semester 8	Units
Upper Division ESS Elective	3-4
Upper Division NS or ENGR Elective	3-4
Upper Division ESS Elective	3-4
Research or Service Learning Course	1
Free Elective	4
	14-17

**Total Program Units 122-128**

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.