

**Bachelor of Science, Biological Sciences
Microbiology and Immunology Emphasis**

Four-Year Sample Plan for Catalog Year 2013 - 2014

Student Services Office-Academic Advising

School of Natural Sciences

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

Semester 1	Units
MATH 011	4
CHEM 002	4
CORE 001	4
MATH 015*	2
	14

Semester 2	Units
BIO 001	4
BIO 001L	1
CHEM 010	4
WRI 010	4
	13

Semester 3	Units
BIO 002	4
BIO 002L	1
MATH 012	4
CHEM 008	4
Lower Division Elective (Humanities/Arts)	4
	17

Semester 4	Units
BIO 110	4
MATH 018**	4
CHEM 100 (UD Science/ENGR Elective)	3
Lower Division Elective (Social Sciences)	4
	15

Semester 5	Units
BIO 127	4
BIO 120***	4 or 6
PHYS 018	4
Upper Division Elective (Communication)	4
	16 or 18

Semester 6	Units
BIO 101	4
PHYS 019	4
Upper Division Elective (Humanities/Arts/Social Sciences)	4
Free Elective	4
	16

Semester 7	Units
BIO 151***	4 or 5
MI Emphasis Elective	4
Free Elective	4
Free Elective	4
	16 or 17

Semester 8	Units
MI Emphasis Elective	4
Free Elective	4
Free Elective	4
	12

Total Program Units 120-121

* CSE 005

** Or MATH 032 OR PSY 010

*** Either BIO 120L OR BIO 151L is required. 5 units if taken with BIO 151L. 6 units if taken with BIO 120L.

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.