

Bachelor of Science, Biological Sciences, Molecular and Cell Biology 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 011	4
BIO 001 and 001L	5
WRI 010	4
CHEM 002 or 002H	4
	17

Semester 2	Units
BIO 002 and 002L	5
CHEM 010 or 010H	4
CORE 001	4
MATH 012	4
	17

Semester 3	Units
CHEM 008 or 008H	4
PHYS 018	4
Lower Division Social Science Elective	4
CSE 005/020 or MATH 015	2-4
	14-16

Semester 4	Units
Lower Division Humanities/Art Elective	4
Probability and Statistics course	4
PHYS 019	4
BIO 110	4
	16

Semester 5	Units
Upper Division Science Writing course	4
BIO 140	4
Upper Division BIO Course with Lab	5
Upper Division Sci/ENGR Elective	4
	17

Semester 6	Units
Free Elective	4
Upper Division Social Science and Humanities Elective	4
Evolution Course	3
Free Elective	4
	15

Semester 7	Units
Upper Division BIO Course	4
Free Elective	4
Upper Division BIO Course	4
	12

Semester 8	Units
Free Elective	4
Upper Division BIO Course	4
Free Elective	4
	12

Total Program Units 120- 122

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.