

**Bachelor of Science, Biological Sciences
Molecular & Cellular Biology Emphasis**

Four-Year Sample Plan for Catalog Year 2014 - 2015

Student Services Office-Undergraduate Advising

School of Natural Sciences

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

Semester 1	Units
MATH 011	4
CHEM 002	4
WRI 010	4
MATH 015*	2
	14

Semester 2	Units
MATH 12	4
CHEM 010	4
CORE 001	4
Lower Division Elective (Humanities/Arts)	4
	16

Semester 3	Units
BIO 001	4
BIO 001L	1
CHEM 008	4
PHYS 018	4
Free Elective	4
	17

Semester 4	Units
BIO 002	4
BIO 002L	1
MATH 018**	4
PHYS 019	4
Lower Division Elective (Social Sciences)	4
	17

Semester 5	Units
BIO 110	4
BIO 140	4
Upper Division Elective (Communication)	4
UD Science/ENGR Elective	4
	16

Semester 6	Units
Evolution BIO Elective	4
Quantitative BIO Elective	4
Upper Division Elective (Humanities/Arts/Social Sciences)	4
Free Elective	4
	16

Semester 7	Units
MCB Emphasis Elective w/ Lab	5
MCB Emphasis Elective	4
Free Elective	4
	13

Semester 8	Units
MCB Emphasis Elective	4
MCB Emphasis Elective	4
Free Elective	4
Free Elective	4
	16

Total Program Units 125

* Or CSE 005

** Or PSY 10

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.