

**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 005	4
CHEM 001	3
WRI 001	4
MATH 015*	2
	13

Semester 2	Units
MATH 011	4
CHEM 002	4
CORE 001	4
WRI 010	4
	16

Semester 3	Units
BIO 001	4
BIO 001L	1
CHEM 010	4
MATH 012	4
Lower Division Elective (Social Sciences)	4
	17

Semester 4	Units
BIO 002	4
BIO 002L	1
CHEM 008	4
PHYS 018	4
Lower Division Elective (Arts/Humanities)	4
	17

Semester 5	Units
BIO 110	4
BIO 140	4
Statistics Course	4
PHYS 19	4
	16

Semester 6	Units
Quantitative BIO Elective	4
MCB Emphasis Elective	4
UD Science/ENGR Elective	3-4
Upper Division Elective (Communication)	4
	15-16

Semester 7	Units
MCB Emphasis Elective w/ Lab	5
MCB Emphasis Elective	4
Upper Division Elective (Humanities/Arts/Social Sciences)	4
	13

Semester 8	Units
MCB Emphasis Elective	4
Evolution BIO Course	4
Free Elective	4
	12

Total Program Units 120-121

* Or CSE 005 or CSE 020

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.