

## Bachelor of Science, Biological Sciences Molecular and Cell Biology 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
PHYS 018	4
Lower Division Elective (Social Sciences)	4
	16

Semester 5	Units
BIO 140	4
MCB Emphasis Elective	4
PHYS 019	4
Upper Division Elective (Communication)	4
	16

Semester 6	Units
BIO 141	4
MCB Emphasis Elective	4
Upper Division Elective (Humanities/Arts/Social Sciences)	4
Free Elective	4
	16

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

Semester 8	Units
MCB Emphasis Elective	4
Upper Division Science or ENGR Elective	3-4
Free Elective	4
Free Elective	4
	15-16

**Total Program Units 120-121**

\* Or CSE 005

\*\* Or MATH 032 or PSY 010

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.