

# BACHELOR OF SCIENCE IN MOLECULAR AND CELLULAR BIOLOGY

## Sample Four Year Plan:

(Based on the 2017-2018 Catalog)

For the calculus-ready student preferring to start **with one laboratory science course** the first semester.

### FIRST YEAR

ENGL 101 or 109H.....3  
MATH 122A/B .....5  
CHEM 151.....4  
Tier 1 Gen Ed .....3  
**Total: 15**

ENGL 102.....3  
MATH 129 or 263 .....3  
CHEM 152.....4  
ECOL 182R.....3  
ECOL 182L .....1  
**Total: 14**

### SECOND YEAR

CHEM 241A .....3  
CHEM 243A .....1  
MCB 181R.....3  
MCB 181L .....1  
Tier 1 Gen Ed.....3  
2<sup>nd</sup> Language Course..... 4  
**Total: 15**

CHEM 241B .....3  
CHEM 243B .....1  
MCB 301 .....4  
Tier 1 Gen Ed (two courses) ...6  
Free Elective.....3  
**Total: 17**

### THIRD YEAR

PHYS 102 .....3  
PHYS 181 .....1  
MCB 304 .....4  
Tier 2 Gen Ed.....3  
Upper Div. Electives .....6  
**Total: 17**

PHYS 103 .....3  
PHYS 182 .....1  
MCB 305 .....4  
BIOC 385.....3  
Tier 2 Gen Ed.....3  
**Total: 14**

### FOURTH YEAR

MCB Lab course or Thesis I ....3  
MCB Core Elective.....3  
Tier 2 Gen Ed.....3  
Upper Div. Free Electives .....6  
**Total: 15**

MCB Writing or Thesis II .....3  
MCB Upper Div. Elective .....3  
Upper Div. Free Elective.....3  
Free Electives .....6  
**Total: 15**

**120 total units required; 42 units must be upper division**

Updated on 3/16/2017 by M. Lester