

BACHELOR OF SCIENCE IN MOLECULAR AND CELLULAR BIOLOGY WITH AMP

MOLECULAR AND CELLULAR BIOLOGY SUB-PLAN

Sample Five Year Plan (4 years in B.S. program & 1 year in M.S. program):

(Based on the 2024-25 Catalog)

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

FIRST YEAR

Fall

ENGL 101.....	3
MATH 122A/B or 119A.....	5
CHEM 151.....	4
Exp. Perspectives Gen Ed	3
MCB 195.....	1
UNIV 101.....	1
Total:	17

Spring

ENGL 102.....	3
MATH 129 or 263.....	3
CHEM 152.....	4
ECOL 182R.....	3
ECOL 182L.....	1
Exp. Perspectives Gen Ed	3
Total:	17

SECOND YEAR

Fall

CHEM 241A.....	3
CHEM 243A.....	1
MCB 181R.....	3
MCB 181L.....	1
2 nd language.....	4
Exp. Perspectives Gen Ed	3
Total:	15

Spring

CHEM 241B.....	3
CHEM 243B.....	1
MCB 301.....	4
2 nd language.....	4
Exp. Perspectives Gen Ed	3
Total:	15

THIRD YEAR

Fall

MCB 304.....	4
Sub-Plan Elective.....	3
Building Conn. Gen Ed.....	3
Free/Minor Elective	3
Upper Div. Free Elective.....	3
Total:	16

Spring

MCB 305.....	4
Sub-Plan Elective.....	3
Building Conn. Gen Ed.....	3
Building Conn. Gen Ed.....	3
UNIV 301.....	1
Total:	14

FOURTH YEAR

Fall

MCB Lab/Honors Thesis I.....	3
MCB 572A (Sub-Plan Elective)	4
Upper Div. Free Elective.....	3
PHYS 102.....	3
PHYS 181.....	1
Total:	14

Spring

MCB Writing/Hon. Thesis II....	3
MCB 546 (General MCB Elective).4	
BIOC 568.....	4
PHYS 103.....	3
PHYS 182.....	1
Total:	15

***Graduate with MCB B.S. degree**

120 total units required; 42 units must be upper division

Updated on 8/14/2024 by K. Dyson

**BACHELOR OF SCIENCE IN MOLECULAR AND CELLULAR BIOLOGY WITH AMP
MOLECULAR AND CELLULAR BIOLOGY SUB-PLAN**

FIFTH YEAR-Graduate College

Fall

MCB 910.....	3
MCB 595.....	1
MCB 596.....	1
Graduate elective (graded)....	4
Total:	9

Spring

MCB 910.....	3
MCB 595.....	1
MCB 596.....	1
MCB 900.....	4
Total:	9

***Defend thesis and graduate with
MCB M.S. degree**

120 total units required; 42 units must be upper division

Updated on 8/14/2024 by K. Dyson