

# BACHELOR OF SCIENCE IN MOLECULAR AND CELLULAR BIOLOGY

## MOLECULAR AND CELLULAR BIOLOGY SUB-PLAN

### Sample Four Year Plan:

(Based on the 2024-25 Catalog)

*For the MATH 100 placed student preferring to start with one laboratory science course the first year.*

### FIRST YEAR

#### Fall

ENGL 101.....	3
MATH 100 & SAS 100AX .....	5
Exp. Perspectives Gen Ed .....	3
Exp. Perspectives Gen Ed .....	3
MCB 195.....	1
UNIV 101.....	1
<b>Total:</b>	<b>16</b>

#### Spring

ENGL 102.....	3
MATH 112 .....	3
Exp. Perspectives Gen Ed .....	3
Building Conn. Gen Ed.....	3
ECOL 182R/ ECOL 182L .....	4
<b>Total:</b>	<b>16</b>

### SECOND YEAR

#### Fall

CHEM 151.....	4
MATH 119A.....	4
2 <sup>nd</sup> language.....	4
Exp. Perspectives Gen Ed .....	3
<b>Total:</b>	<b>15</b>

#### Spring

CHEM 152.....	4
MCB 181R.....	3
MCB 181L .....	1
MATH 263 .....	3
2 <sup>nd</sup> language.....	4
Building Conn. Gen Ed.....	3
<b>Total:</b>	<b>18</b>

### THIRD YEAR

#### Fall

CHEM 241A .....	3
CHEM 243A .....	1
MCB 304.....	4
Sub-Plan Elective.....	3
Building Conn. Gen Ed.....	3
UNIV 301.....	1
Upper Div. Free Elective.....	3
<b>Total:</b>	<b>18</b>

#### Spring

CHEM 241B .....	3
CHEM 243B .....	1
MCB 305.....	4
Sub-Plan Elective.....	3
Sub-Plan Elective.....	3
Free/Minor Elective .....	3
<b>Total:</b>	<b>17</b>

### FOURTH YEAR

#### Fall

MCB Lab or Honors Thesis I ...	3
MCB 301.....	4
Free/Minor Elective .....	3
Upper Div. Free Elective.....	3
PHYS 110 .....	4
<b>Total:</b>	<b>17</b>

#### Spring

MCB Writing or Hon. Thesis II	3
General MCB Elective.....	3
Upper Div. Free Elective.....	3
Upper Div. Free Elective.....	3
PHYS 111 .....	4
<b>Total:</b>	<b>16</b>

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

Updated on 11/12/2024 by K. Dyson