

## BACHELOR OF SCIENCE IN MOLECULAR AND CELLULAR BIOLOGY

### Sample four-year plan:

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

#### FIRST YEAR

MATH 122A/B .....	5
ENGL101 or 109H .....	3
CHEM 151.....	4
Tier One or 2 <sup>nd</sup> lang.....	<u>3-4</u>
<b>Total:</b>	<b>15-16</b>

ENGL 102.....	3
CHEM 152.....	4
ECOL 182R.....	3
ECOL 182L .....	1
MATH 129 or 263 .....	<u>3</u>
<b>Total:</b>	<b>14</b>

#### SECOND YEAR

CHEM 241a.....	3
CHEM 243a.....	1
MCB 181R.....	3
MCB 181L .....	1
Tier One (two courses).....	<u>6</u>
<b>Total:</b>	<b>14</b>

CHEM 241b .....	3
CHEM 243b .....	1
MCB 304.....	5
Tier One.....	3
Free Elective.....	<u>3</u>
<b>Total:</b>	<b>15</b>

#### THIRD YEAR

PHYS 102 .....	3
PHYS 181 .....	1
MCB 305.....	4
Tier Two .....	3
Upper Div. Free Elective.....	<u>3</u>
<b>Total:</b>	<b>14</b>

PHYS 103 .....	3
PHYS 182 .....	1
BIOC 385.....	3
Tier Two .....	3
Upper Div. Free Elective.....	<u>6</u>
<b>Total:</b>	<b>16</b>

#### FOURTH YEAR

MCB Lab course or Thesis I ....	3
MCB Core Elective.....	3
Tier Two .....	3
Upper Div. Free Elective.....	<u>6</u>
<b>Total:</b>	<b>15</b>

MCB Writing or Thesis II .....	3
MCB Upper Div. Elective .....	3
Upper Div. Free Electives .....	3
Free Electives .....	<u>6</u>
<b>Total:</b>	<b>15</b>

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