

# BIOLOGY MAJOR

## Plan of Study

### Biology Major

Course	Title	Credits
<b>First Year</b>		
<b>Fall</b>		
BIOL 1171 & 1171L	General Biology I and General Biology I Lab	4
CHEM 1171 & 1171L	General Chemistry I and General Chemistry I Lab	4
MATH 1121 or MATH 1171	Applied Calculus I or Calculus I	3-4
Core Curriculum Courses		6
<b>Credits</b>		<b>17-18</b>
<b>Spring</b>		
BIOL 1172 & 1172L	General Biology II and General Biology II Lab	4
CHEM 1172 & 1172L	General Chemistry II and General Chemistry II Lab	4
Core Curriculum Courses		6
MATH 2217 or MATH 1122 or MATH 1172	Statistics I or Applied Calculus II or Calculus II	3-4
<b>Credits</b>		<b>17-18</b>
<b>Second Year</b>		
<b>Fall</b>		
BIOL 1173 & 1173L	General Biology III and General Biology III Lab	4
CHEM 2271 & 2271L	Organic Chemistry I and Organic Chemistry I Lab	4
Core Curriculum Courses		9
<b>Credits</b>		<b>17</b>
<b>Spring</b>		
CHEM 2272 & 2272L	Organic Chemistry II and Organic Chemistry II Lab	4
Biology Block Elective <sup>1</sup>		3-4
Core Curriculum Courses		9
<b>Credits</b>		<b>16-17</b>
<b>Third Year</b>		
PHYS 1145 & 1145L	General Physics for Life Sciences I and General Physics for Life Sciences I Lab (Fall)	4
PHYS 1146 & 1146L	General Physics for Life Sciences II and General Physics for Life Sciences II Lab (Spring)	4
Biology Block Electives <sup>1</sup>		6-8
Biology Electives <sup>1,2</sup>		3-4
Core Curriculum Courses		9
General Electives <sup>1</sup>		3
<b>Credits</b>		<b>29-32</b>

### Fourth Year

BIOL 4999	Capstone Seminar (Shell)	3
Biology Electives <sup>1,2</sup>		3-4
Core Curriculum Courses		12
General Electives <sup>1</sup>		12-16
<b>Credits</b>		<b>30-35</b>
<b>Total Credits</b>		<b>126-137</b>

<sup>1</sup> The sequence for biology block electives and general electives shown here are only suggestions. You may arrange them differently.

<sup>2</sup> Various upper-level courses may be double-counted toward the departmental concentrations in evolution, ecology and biodiversity, health and human biology, molecular biology or marine science.