

# Biology - Ecology & Field Biology Course Plan

## Catalog Year 2019-2020

### Legend

**\* Major Requirement**

Must be taken to fulfill major requirements.

**† Major Elective**

Must be taken to fulfill major requirements, or replaced with an equivalent course.

**‡ Gen-Ed Requirement**

Must be taken to fulfill general education requirements.

**§ Elective**

Can be chosen from a selection of courses.

See MyGFU for detailed academic requirements.

### First Year

#### Fall Semester

General Biology I (BIOL 211) *	4 credits
General Chemistry I (CHEM 211) *	4 credits
I Believe (THEO 101) ‡	3 credits
Knowing and Being Known (LIBA 100) ‡	3 credits
<b>Semester Total</b>	<b>14 credits</b>
<b>Cumulative Total</b>	<b>14 credits</b>

#### Spring Semester

General Biology II (BIOL 212) *	4 credits
General Chemistry II (CHEM 212) *	4 credits
I Believe (THEO 102) ‡	3 credits
Introduction to Communication (COMM 100) ‡	3 credits
Social Science GE Requirement (Alternative option to take GE MATH and move GE Social Science to second year) ‡	3 credits
<b>Semester Total</b>	<b>17 credits</b>
<b>Cumulative Total</b>	<b>31 credits</b>

## Second Year

### Fall Semester

Organic Chemistry I (CHEM 331) *	4 credits
Genetics (BIOL 350) *	4 credits
Lifelong Fitness (HHPA 120) ‡	2 credits
HUMA 205 or Alternate GE Literature and Philosophy Requirement ‡	3 credits
MATH GE Requirement (MATH 201 or CSIS 201) ‡	3 credits
<b>Semester Total</b>	<b>16 credits</b>
<b>Cumulative Total</b>	<b>47 credits</b>

### Spring Semester

Organic Chemistry II (CHEM 332) *	4 credits
Ecology - or Field Biology Elective (BIOL 360) *	4 credits
Bible Elective GE Requirement ‡	3 credits
Electives §	4 credits
<b>Semester Total</b>	<b>15 credits</b>
<b>Cumulative Total</b>	<b>62 credits</b>

## Third Year

### Fall Semester

Biology Cell/Molecular Elective †	4 credits
History/Politics/International Studies GE Requirement ‡	3 credits
HUMA 290 or Alternate GE Fine Arts Requirement ‡	3 credits
Electives §	6 credits
<b>Semester Total</b>	<b>16 credits</b>
<b>Cumulative Total</b>	<b>78 credits</b>

### Spring Semester

Biological Exploration (Only offered in Spring) (BIOL 490) *	2 credits
Comparative Vertebrate Anatomy (BIOL 322) *	4 credits
Biology Required Upper Division Elective †	4 credits
Intercultural GE Requirement ‡	3 credits
Electives §	4 credits
<b>Semester Total</b>	<b>17 credits</b>
<b>Cumulative Total</b>	<b>95 credits</b>

## Fourth Year

### Fall Semester

Biology Required Upper Division Elective †	4 credits
Electives §	12 credits

<b>Semester Total</b>	<b>16 credits</b>
<b>Cumulative Total</b>	<b>111 credits</b>
<b>Spring Semester</b>	
Engaging Christ in Transition (LIBA 400) ‡	3 credits
Electives §	12 credits
<b>Semester Total</b>	<b>15 credits</b>
<b>Cumulative Total</b>	<b>126 credits</b>