

# Biology - Systems & Structural Biology Course Plan

## Catalog Year 2020-2021

### Legend

\* Major Requirement

Must be taken to fulfill major requirements.

## Second Year

### Fall Semester

Genetics (strongly recommended) (BIOL 350 ) *	4 credits
General Chemistry I (CHEM 211) *	4 credits
Lifelong Fitness (HHPA 120) ‡	2 credits
HUMA 205 or Alternate Philosophy & Literature GE Requirement ‡	3 credits
Elective Credits §	3 credits
<b>Semester Total</b>	<b>16 credits</b>
<b>Cumulative Total</b>	<b>49 credits</b>

### Spring Semester

Biology Field Studies Group Elective *	4 credits
General Chemistry II (CHEM 212) *	4 credits
Bible Elective GE Requirement (THEO 215 or 315) ‡	3 credits
Elective Credits §	6 credits
<b>Semester Total</b>	<b>17 credits</b>
<b>Cumulative Total</b>	<b>66 credits</b>

## Third Year

### Fall Semester

Cell Biology (BIOL 420) *	4 credits
Organic Chemistry I (CHEM 331) *	4 credits
History/Politics/Intercultural Studies GE Requirement ‡	3 credits
HUMA 290 or Alternate Fine Arts GE Requirement ‡	3 credits
Elective Credits §	3 credits
<b>Semester Total</b>	<b>17 credits</b>
<b>Cumulative Total</b>	<b>83 credits</b>

### Spring Semester

## Fourth Year

### Fall Semester

Advanced Physiology (BIOL 333 ) *	4 credits
Engaging Christ in Transition (LIBA 400) ‡	4 credits
Elective Credits §	6 credits
<b>Semester Total</b>	<b>14 credits</b>
<b>Cumulative Total</b>	<b>113 credits</b>

### Spring Semester

Developmental Biology or Plant Physiology (BIOL 310 or 340) *	4 credits
Elective Credits §	12 credits
<b>Semester Total</b>	<b>16 credits</b>
<b>Cumulative Total</b>	<b>129 credits</b>

## Notes

\*To fulfill GE Requirements students can take MATH 150, MATH 180, MATH 190, MATH 201, or CSIS 201. To fulfill Biology Major Requirements students need to take MATH 201, MATH 240 (recommended, but does not meet GE requirements), or CSIS 201 (offered in the Fall). It is recommended that students take either MATH 190/201 or CSIS 201 and MATH 240. Please talk with your CAP Coach or Faculty Advisor for more information about these options.

\*\*Students taking a Pre-med track should consider taking both PSYC 150 and SOCI 150

\*\*\*BIOL 490 is only offered in the Spring Semester