

Biology - Cell & Molecular Biology Course Plan

Catalog Year 2020-2021

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
Math GE Requirement* (MATH 190 or 201 recommended) ‡	4 credits
THEO 101 (I Believe) ‡	3 credits
Knowing and Being Known (LIBA 100) ‡	3 credits
Elective Credit §	3 credits
Semester Total	17 credits
Cumulative Total	17 credits

Spring Semester

General Biology II (BIOL 212) *	4 credits
Math Elective* (MATH 240 recommended) †	3 credits
I Believe (THEO 102) ‡	3 credits
Introduction to Communication (COMM 100) ‡	3 credits
Social Science GE Requirement** (PSYS 150 or SOCI 150 recommended) ‡	3 credits
Semester Total	16 credits
Cumulative Total	33 credits

Second Year

Fall Semester

Genetics (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
Semester Total	16 credits
Cumulative Total	49 credits

Spring Semester

Microbiology (or upper division BIOL elective) (BIOL 370) *	4 credits
General Chemistry II (CHEM 212) *	4 credits
Bible Elective GE Requirement (THEO 215 or 315) ‡	3 credits
Elective Credits §	6 credits
Semester Total	17 credits
Cumulative Total	66 credits

Third Year

Fall Semester

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

Spring Semester

Biological Exploration*** (BIOL 490) *	2 credits
Molecular Biology (BIOL 410) *	4 credits
Organic Chemistry II (CHEM 332) *	4 credits
Intercultural GE Requirement ‡	3 credits
Elective Credits §	3 credits
Semester Total	16 credits
Cumulative Total	99 credits

Fourth Year

Fall Semester

Biology Elective †	4 credits
--------------------	-----------

