

## Year 1

**Fall Semester**

Course	Credit Hours
*BIO 1410 Intro to Biology I	4
*CHE 1415 General Chemistry I	4
ENG 1301 Comp I	3
MAT 1302 College Algebra	3
ASE 1111 Freshman Success Experience	1
<b>Total Semester Hours # 15</b>	

**Spring Semester**

Course	Credit Hours
*BIO 1420 Intro to Biology II	4
*CHE 1416 General Chemistry II	4
ENG 1302 Comp II	3
EXS 1220 Basic Concepts of Wellness	2
FAR, MUS or THA (Fine Arts GEC)	3
<b>Total Semester Hours # 16</b>	

## Year 2

**Fall Semester**

Course	Credit Hours
BIO 2441 Microbiology	4
BIO 2320 Biostatistics	3
ENG 23XX Literature (GEC)	3
SPC 1301 Fund of Speech	3
Any Social Literacy (GEC)	3
<b>Total Semester Hours # 16</b>	

**Spring Semester**

Course	Credit Hours
BIO 2424 Evolution and Ecology	4
ENG 3312 Writing in the Natural Sciences	3
REL 13XX (GEC)	3
Any Social Literacy (GEC)	3
Elective	3
<b>Total Semester Hours # 16</b>	

## Year 3

**Fall Semester**

Course	Credit Hours
BIO 3431 Molecular Genetics	4
HIS 2324 Fund of Modern American History	3
Elective	3-4
Elective	3-4
<b>Total Semester Hours # 13-15</b>	

**Spring Semester**

Course	Credit Hours
BIO 4412 Molecular Biology	4
Elective	3-4
Elective	3-4
Elective	3-4
<b>Total Semester Hours # 13-16</b>	

## Year 4

**Fall Semester**

Course	Credit Hours
BIO 3470 Conservation Biology	4
Elective	3-4
Elective	3-4
Elective	3-4
<b>Total Semester Hours # 13-16</b>	

**Spring Semester**

Course	Credit Hours
BIO 4426 Infection and Immunity	4
Elective	3-4
Elective	3-4
Elective	3-4
<b>Total Semester Hours # 13-16</b>	

\*BIO 1410, 1420, CHE 1415, 1416 may be used to satisfy GEC.

**Note:** The Biology B.A. is designed for flexibility to allow students to use elective space to fulfill requirements for either a minor or another major, depending on the student's interests.

# BIO - Biology

- [BIO 1403 Fundamentals of Science](#)
- [BIO 1406 Contemporary Biology](#)
- [BIO 1407 Animal Life](#)
- [BIO 1408 Plants & Human Affairs](#)
- [BIO 1409 Cracking the Code: A User's Guide to Human Genetics](#)
- [BIO 1410 Introduction to Biology I](#)
- [BIO 1413 Local Spring Flora](#)
- [BIO 1414 Cats, Chromosomes & Codons](#)
- [BIO 1415 Exploring Human Biology](#)
- [BIO 1420 Introduction to Biology II](#)
- [BIO 2199 Special Topics](#)
- [BIO 2320 Biostatistics](#)
- [BIO 2399 Sp Topics Biology Statistics](#)
- [BIO 2401 Human Anatomy & Physiology I](#)
- [BIO 2402 Human Anatomy & Physiology II](#)
- [BIO 2424 Evolution & Ecology](#)
- [BIO 2441 Microbiology](#)
- [BIO 3150 Projects in Biology](#)
- [BIO 3350 Independent Study](#)
- [BIO 3352 Research Methods in Biology](#)
- [BIO 3352H Research Methods in Biology Honors](#)
- [BIO 3431 Molecular Genetics](#)
- [BIO 3431H Molecular Genetics Honors](#)
- [BIO 3470 Conservation Biology](#)
- [BIO 3470H Conservation Biology Honors](#)
- [BIO 4120 Biology Certificate Exam Review](#)
- [BIO 4199 Special Topics](#)
- [BIO 4199L Special Topics Lab](#)
- [BIO 4351 Senior Research in Biology](#)
- [BIO 4351H Senior Research in Biology](#)
- [BIO 4393 Internship I](#)
- [BIO 4394 Internship II](#)
- [BIO 4412 Molecular Cell Biology](#)
- [BIO 4412H Molecular Cell Biology](#)
- [BIO 4426 Infection and Immunity](#)
- [BIO 4426H Infection and Immunity](#)
- [BIO 4499 Special Topics](#)