



**Bachelor of Science in Biology
Plan of Study**

| First Year Fall | |
|---------------------------------|--------|
| Course | Credit |
| IDL 190, Freshman Seminar | 2 |
| BIOL 130, Success in Science | 1 |
| BIOL 151/L, General Biology I | 4 |
| CHEM 112/L, General Chemistry I | 4 |
| MATH 114/L, College Algebra* | 4 |
| | 15 |

| First Year Spring | |
|--|--------|
| Course | Credit |
| BIOL 153/L, General Biology II | 4 |
| CHEM 114/L, General Chemistry II | 4 |
| ENGL 101, Composition I | 3 |
| Arts and Humanities Course (see catalog) | 3 |
| MATH 120, Trigonometry*** | 3 |
| | 17 |

| Second Year Fall | |
|---|--------|
| Course | Credit |
| ENGL 201, Composition II | 3 |
| MATH 123, Calculus I | 4 |
| Behavioral/Social Sciences Course (see catalog) | 3 |
| CHEM 326/L, Organic Chemistry I*** | 4 |
| | 14 |

| Second Year Spring | |
|---|--------|
| Course | Credit |
| BIOL 343/L, Cell and Molecular Biology** | 4 |
| Behavioral/Social Sciences Course (see catalog) | 3 |
| Arts and Humanities Course (see catalog) | 3 |
| CHEM 328/L, Organic Chemistry II*** | 4 |
| SPCM 101, Fundamentals of Speech* | 3 |
| | 17 |

| Third Year Fall | |
|--|--------|
| Course | Credit |
| BIOL 281, Introduction to Statistics | 3 |
| BIOL 311/L, Principles of Ecology** | 4 |
| BIOL 245/L, Cell Culture Techniques*** | 3 |
| BIOL 357/L, Invertebrate Zoology** | 4 |
| | 14 |

| Third Year Spring | |
|--|--------|
| Course | Credit |
| BIOL 351/L, Plant Structure and Function** | 4 |
| Human Values Course (see catalog) | 3 |
| BIOL 235/L, Introduction to Biotechnology*** | 3 |
| BIOL 383, Bioethics*** | 3 |
| Elective or minor course | 4 |
| | 17 |

| Fourth Year Fall | |
|---|--------|
| Course | Credit |
| BIOL 490, Senior Seminar, or BIOL 498, Undergraduate Research and Scholarship | 1 |
| BIOL 301/L, Plant Systematics** | 4 |
| BIOL 331/L, Microbiology** | 4 |
| CHEM 464/L, Biochemistry I*** | 4 |
| | 13 |

| Fourth Year Spring | |
|-----------------------------------|--------|
| Course | Credit |
| BIOL 371/L, Genetics** | 4 |
| BIOL 365/L, Vertebrate Zoology*** | 4 |
| BIOL 250/L, Bioinformatics*** | 3 |
| Elective or minor course | 4 |
| | 15 |

Suggested Double Majors: Environmental Science, Chemistry, Associates in Biotechnology

Suggested Minors: Geography, GIS, Quantitative Analytics in Science

Suggested Certificates: Allied Health, Organismal Biology, GIS

*Fulfills a General Education Requirement. Other course options may be available. **Fulfills a major requirement. Other course options may be available. ***Fulfills a general elective. Other course options may be available. This plan of study is not an official document. Depending on placement scores, developmental courses may be required. Course rotations may change. Please visit with a professional advisor at least once a semester to review appropriate course choices and plan updates.