



2021-2022

BIOLOGY MAJOR, B.A.

Science & Health Department; School of Science, Health & Mathematics

The biology degree prepares students for entry level work in the life sciences, for admission to medical programs, and for graduate study in disciplines such as anatomy, physiology, genetics, microbiology, ecology, and plant science

To graduate must complete all major requirements, foundational requirements, and additional electives needed for 124 hour minimum degree requirement.

MAJOR REQUIREMENTS (63)

| | | | | |
|------|-----|-----|------------------------------|--------|
| __ 3 | BIO | 201 | General Biology I | |
| __ 3 | BIO | 202 | General Biology II | |
| __ 1 | BIO | 203 | General Biology Lab I | |
| __ 1 | BIO | 204 | General Biology Lab II | |
| __ 2 | BIO | 341 | Ethical Issues | |
| __ 3 | BIO | 352 | Physiology | |
| __ 1 | BIO | 354 | Physiology Lab | |
| __ 1 | BIO | 399 | Intro to Bio Research | |
| __ 2 | BIO | 400 | Senior Research | |
| __ 1 | BIO | 475 | Senior Seminar | |
| | | | | |
| __ 3 | CHE | 121 | Gen College Chemistry I | |
| __ 3 | CHE | 122 | Gen College Chemistry II | |
| __ 1 | CHE | 123 | Gen College Chemistry Lab I | |
| __ 1 | CHE | 124 | Gen College Chemistry Lab II | |
| __ 4 | CHE | 201 | Organic Chemistry I | __ Lab |
| __ 4 | CHE | 202 | Organic Chemistry II | __ Lab |
| | | | | |
| __ 4 | MAT | 181 | Calculus I | __ Lab |
| | | | | |
| __ 4 | PHY | 201 | Intro Physics I | __ Lab |
| __ 4 | PHY | 202 | Intro Physics II | __ Lab |
| | | | | |
| __ 3 | PSY | 315 | Stats for Behavioral Science | |

Choose one Environmental Biology:

| | | | | |
|------|-----|---------|-----------------------|--|
| __ 4 | BIO | 217+219 | Environmental Science | |
| | BIO | 221+223 | Ecology | |

Choose one Plant Biology:

| | | | | |
|------|-----|---------|--------------------------|--|
| | BIO | 227+229 | Aquatic/Wetland Biology | |
| __ 4 | BIO | 272+274 | Principles Plant Biology | |

Choose one Cellular Biology:

| | | | | |
|--------|-----|---------|----------------------|--|
| | BIO | 322 | Genetics | |
| __ 3-4 | BIO | 372+374 | Cell & Molecular Bio | |

Choose one Human Biology:

| | | | | |
|--------|-----|---------|---------------|--|
| | BIO | 211+213 | Microbiology | |
| __ 3-4 | BIO | 331+333 | Human Anatomy | |
| | BIO | 379 | Immunology | |

PLUS FOUNDATIONAL REQUIREMENTS (43)

(3 hours Math and 4 hours Science satisfied by required major courses.)

Plus electives needed for the 124 hour degree requirement (18)