



2020-2021

## 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            |        | Choose one Environmental Biology:               |
| __ 3 | BIO | 202 | General Biology II           |        | __ 4    BIO    217+219 Environmental Science    |
| __ 1 | BIO | 203 | General Biology Lab I        |        | BIO    221+223 Ecology                          |
| __ 1 | BIO | 204 | General Biology Lab II       |        |   |
| __ 2 | BIO | 341 | Ethical Issues               |        | Choose one Plant Biology:                       |
| __ 3 | BIO | 352 | Physiology                   |        | BIO    227+229 Aquatic/Wetland Biology          |
| __ 1 | BIO | 354 | Physiology Lab               |        | __ 4    BIO    272+274 Principles Plant Biology |
| __ 1 | BIO | 399 | Intro to Bio Research        |        |   |
| __ 2 | BIO | 400 | Senior Research              |        | Choose one Cellular Biology:                    |
| __ 1 | BIO | 475 | Senior Seminar               |        | BIO    322    Genetics                          |
|      |     |     |                              |        | __ 3-4    BIO    372+374 Cell & Molecular Bio   |
| __ 3 | CHE | 121 | Gen College Chemistry I      |        | Choose one Human Biology:                       |
| __ 3 | CHE | 122 | Gen College Chemistry II     |        | BIO    211+213 Microbiology                     |
| __ 1 | CHE | 123 | Gen College Chemistry Lab I  |        | __ 3-4    BIO    331+333 Human Anatomy          |
| __ 1 | CHE | 124 | Gen College Chemistry Lab II |        | BIO    379    Immunology                        |
| __ 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 |        |   |

### 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)