

Organismal Biology — Ecology, Evolution, and Behavioral Option (ECEB)

Freshman

| Fall | Hours | Spring | Hours |
|---|-------|--|-----------|
| ENGL 1100 English Composition I | | 3 ENGL 1120 English Composition II | 3 |
| CORE FINE ARTS | | 3 CORE HISTORY | 3 |
| CHEM 1030 Fundamentals Chemistry I | | 3 CHEM 1040 Fundamental Chemistry II | 3 |
| CHEM 1031 Fundamental Chemistry I Laboratory | | 1 CHEM 1041 Fundamental Chemistry II Laboratory | 1 |
| BIOL 1020 Principles of Biology | | 3 BIOL 1030 Organismal Biology | 3 |
| BIOL 1021 Principles of Biology Laboratory | | 1 BIOL 1031 Organismal Biology Laboratory | 1 |
| BIOL 2100 Professional Development | | 1 | |
| | | 15 | 14 |

Sophomore

| Fall | Hours | Spring | Hours |
|--------------------------------------|-------|---|-----------|
| Core Humanities | | 3 CHEM 2030 Survey of Organic Chemistry | 3 |
| MATH 1610 Calculus I | | 4 BIOL 3030 Evolution and Systematics | 3 |
| Core Literature | | 3 STAT 2510 Statistics for Biological and Health Sciences | 3 |
| Core Social Sciences | | 3 BIOL 3060 Ecology | 4 |
| BIOL 3000 Genetics | | 3 | |
| BIOL 3001 Genetics Laboratory | | 1 | |
| | | 17 | 13 |

Junior

| Fall | Hours | Spring | Hours |
|---|-------|---|-----------|
| PHYS 1000 Foundations of Physics | | 4 Core Social Science or Humanities ¹ | 3 |
| Biology Elective | | 4 BIOL 5130 Advanced Plant Physiology, 5131 Advanced Plant Physiology Laboratory, 5210 Microbial Physiology, or 5240 Animal Physiology² | 4 |
| BIOL 3200/3201, BIOL 4010, BIOL 4020, or BIOL 3100 | | 4 Quantitative Biology Elective | 3 |
| BIOL 4100 Cell Biology | | 3 Biology Elective | 4 |
| | | Free Elective | 3 |
| | | 15 | 17 |

Senior

| Fall | Hours | Spring | Hours |
|---|-------|--|----------|
| Cell/Mol/Micro Elective or Physiology Elective | | 7 BIOL 5650 Animal Behavior | 3 |
| Eco/Evo/Diversity Elective | | 6 BIOL 4950 Senior Seminar | 1 |
| Core Literature or History ³ | | 3 Eco/Evo/Diversity Electives | 4 |
| BIOL 4AA0 Professional Development II | | 0 Quantitative Biology Elective | 4 |
| | | Core Social Science | 3 |

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16

15

Total Hours: 122

- ¹ If a LIT sequence is chosen, this course must be a CORE SOCIAL SCIENCE. If a HIST sequence is chosen, this course must be a CORE HUMANITIES.
- ² If BIOL 5210 is chosen, an additional 1 credit hour of Cell/Mol/Microbiology or Anatomy & Physiology or Eco/Evo/Diversity elective must be completed to fulfill the 4 hour requirement.
- ³ Students must complete a two-course sequence in either HIST or LIT (for example, World History 1 and 2 or American Lit 1 and 2). For complete HIST and LIT sequence options, see the *Bulletin*.
- ⁴ This course must be taken the semester of graduation.