

Curriculum in Marine Biology

Freshman

| Fall | Hours | Spring | Hours |
|---|-----------|--|-----------|
| BIOL 1020 Principles of Biology | 3 | BIOL 1030 Organismal Biology | 3 |
| BIOL 1021 Principles of Biology Laboratory | 1 | BIOL 1031 Organismal Biology Laboratory | 1 |
| ENGL 1100 English Composition I | 3 | ENGL 1120 English Composition II | 3 |
| MATH 1610 Calculus I | 4 | Core Social Science ² | 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 |
| | 15 | | 14 |

Sophomore

| Fall | Hours | Spring | Hours | Summer | Hours |
|-------------------------------|-----------|--|-----------|--------------------------------------|----------|
| Core Literature | 3 | BIOL 3040 Biology of Marine Systems | 3 | SUMMER MARINE LAB⁴ | 8 |
| PHYS 1500 General Physics I | 4 | PHYS 1510 General Physics II | 4 | | |
| Core History | 3 | BIOL 3060 Ecology | 4 | | |
| BIOL 3000 Genetics | 3 | CHEM 2030 Survey of Organic Chemistry | 3 | | |
| BIOL 3001 Genetics Laboratory | 1 | BIOL 2100 Prof Development | 1 | | |
| | 14 | | 15 | | 8 |

Junior

| Fall | Hours | Spring | Hours | Summer | Hours |
|--|-----------|---|-----------|--------------------------------------|----------|
| Core History or Literature ¹ | 3 | BIOL 3200 General Microbiology | 3 | SUMMER MARINE LAB⁴ | 8 |
| BIOL 3030 Evolution and Systematics | 3 | BIOL 3201 General Microbiology Laboratory | 1 | | |
| BIOL 4010 Invertebrate Biodiversity | 4 | BIOL 4100 Cell Biology | 3 | | |
| BCHE 3200 Principles of Biochemistry | 3 | STAT 2510 Statistics for Biological and Health Sciences | 3 | | |
| | | Core Social Science or Humanities ³ | 3 | | |
| | 13 | | 13 | | 8 |

Senior

| Fall | Hours | Spring | Hours |
|-----------------------------------|-------|----------------------------------|-------|
| Core Humanities | 3 | BIOL 4950 Senior Seminar | 1 |
| Core Fine Arts | 3 | Biology Elective | 3 |
| Physiology Elective | 3 | MIMCB Elective | 3 |
| Eco/Evo/Diversity Elective | 3 | Core Social Science ² | 3 |

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Total Hours: 122

- 1 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*.
- 2 Students who complete a HIST sequence other than HIST 1010 and HIST 1020 should talk to an advisor about CORE SOC SCI choices.
- 3 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.
- 4 All courses taken at a Summer Marine Lab must receive departmental approval.