**Track: Environmental & Conservation Biology**

Use this form to plan your course of study and keep track of your progress towards completing the major requirements.

### Core Courses (3)
- **BIOL 103** Principles of Environmental and Conservation Biology
- **EN 101** Environmental Science and Policy: Introductory Case Studies
- **GEOG 104** Earth Systems Science

For students taking courses prior to 2006-07, BIOL 084 or BIOL 101 AND 102 may substitute for BIOL 103. Students taking EN 120 prior to 2007 may use this instead of EN 101.

### Math and Statistics (2)
- MATH 120 Calculus I and BIOL 106 Quantitative Methods in Biology
- or two statistics courses (e.g., GEOG 110 Introduction to Quantitative Methods and GEOG 247 Intermediate Quantitative Methods

Track advisor needs to approve a second statistics course so it is at an appropriate level.

### Biology Core Courses (4)
- **BIOL 102** Introduction to Biology II
- **BIOL 105** Evolution
- **BIOL 118** Genetics
- **BIOL 216** Ecology

### Chemistry (2)
- **CHEM 101** Introductory Chemistry I
- **CHEM 102** Introductory Chemistry II

*CHEM 103* may be used as a replacement for BOTH of these, in which case only one chemistry course is required.

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**Research Course in Biology** (1)
- BIOL 201 Ecology of Atlantic Shores
- BIOL 224 Ecology of Disease Vectors
- BIOL 254 Molecular Systematics and Evolution
  Or other field course approved by the ECB track advisor.

- BIOL 219 Physiological Ecology of Marine Algae
- BIOL 242 Animal Behavior

**Seminar Course in Biology** (1)
- BIOL 217 Ecology of Infectious Disease
- BIOL 243 Seminar in Evolution
- BIOL 256 Biology of Symbiosis
  Or other course approved by the ECB track advisor.

**Natural Science Elective** (1)
- BCMB 271 Biochemistry I
- BIOL 114 Marine Biology
- BIOL 244 Biological Clocks
- EN 120 Discovering Environmental Science
- GEOG 102 Weather and Climate
- GEOG 115 Introduction to Hydrology
- GEOG 282 Advanced Remote Sensing
- PHYS 110 Introductory Physics
  Or other course approved by the ECB track advisor.

**Courses in Environment and Society** (2)
- ECON 157 Economics of Natural Resources
- GEOG 126 Living in the Material World
- GEOG 224 Economy and Environment
- PSCI 157 Politics of U.S. Environmental Issues
- PHIL 131 Environmental Ethics
  Or other course in social science with emphasis on public policy approved by the ECB track advisor

- EN 207 Climate Change, Energy and Development
- GEOG 180 Earth Transformed by Human Action
- GEOG 250 Technology and Environmental Assessment
- GEOG 271 Groundwater Hydrology and Management
- PSCI 276 Environmental Law
- GEOG 281 Tropical Ecology

**Courses in Environment and Society** (2) | Semester

**Honors**
Candidates for honors must apply to the ES director and complete at least two semesters of independent research.

**Honors Directed Research (EN 297) | Semester**