

ENVIRONMENTAL SCIENCE AND HEALTH

This major couples work targeted at the Medical College Admission Test (MCAT) with an emphasis on resource sustainability and conservation. Students measure the health impacts of physical, chemical, and biological agents in the environment and determine how they can be controlled. They also examine sustainable approaches to problems related to areas such as energy, water, and transportation, and help develop strategies for protecting overall health in the face of continued global development.

BACHELOR OF ARTS (BA) GENERAL OVERVIEW

Six lower-division courses:

- General Chemistry A & B
- General Biology — Organismal Biology and Evolution
- General Biology — Cell Biology and Physiology
- Calculus I
- Physics for the Life Sciences A or Fundamentals of Physics I: Mechanics & Thermodynamics

Additional five courses required for a Bachelor of Science (BS):

- Organic Chemistry A & B
- Molecular Biology
- Biochemistry
- Physics for the Life Sciences B or Fundamentals of Physics II: Electricity & Magnetism

Seven upper-division courses:

- Water and Soil Sustainability
- Energy and Air Sustainability
- Economics for Natural Resources and the Environment
- Health Behavior Statistical Methods
- Environmental Health in the Community or Science, Health and the Environment
- Politics of Global Environment
- Senior Seminar in Environmental Studies

ACADEMIC OPPORTUNITIES

Julymester: Take a Summer course on Catalina Island for once-in-a-lifetime, immersive learning and problem-solving experiences centered on the sustainability of the island's unique water, soil, air, and energy systems.

Internships: Engage in hands-on learning through working at different internships. Past students have interned at the Cabrillo Marine Aquarium, the United Nations Environment Programme, the Palos Verdes Peninsula Land Conservancy, and the World Wildlife Fund.

Summer in the Caribbean: This summer course will introduce students to field skills and ecosystem management tools that are used to investigate complex environmental problems in local coastal areas within Southern California