This major couples work targeted at the 2015 MCAT revision 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 energy, water, transportation, etc., and help develop strategies for protecting overall health in the face of continued global development.

**BACHELOR OF ARTS (BA) AND BACHELORS OF SCIENCE (BS) REQUIREMENTS OVERVIEW**

**Six Lower Division Requirements**
- 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

**Seven Upper Division Requirements**
- Water and Soil Sustainability
- Energy and Air Sustainability
- Economics for Natural Resources and the Environment
- Health Behavior Statistical Methods
- Environmental Health in the Community
- Politics of Global Environment
- Senior Seminar in Environmental Studies

**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

**EXPERIENTIAL OPPORTUNITIES**

- **Study Abroad in the Arctic Circle:** Travel to Iceland, Norway, and Finland during the summer to study the complex issues surrounding climate change and its impact on the Arctic Region.

- **Catalina Island Research Course:** A special section of the Water and Soil Sustainability course taught on Catalina Island with enhanced research, lab, and field studies, including an introduction to scientific diving tour on the Trans-Siberian Railway.

- **Integrated Ecosystem Management in Micronesia:** Field studies on Guam and Palau investigating important environmental issues such as ecologically sustainable development, fisheries management, protected-area planning and assessment, and human health issues.

For additional information, including all major requirements, please consult the USC Catalogue or http://dornsife.usc.edu/environmental-studies/