This yearlong, multi-disciplinary sequence is an introduction to Earth as a system involving the interaction of its physical, biological, and human components. It provides an ideal preparation for participating in the Global Sustainability Minor and relevant majors in the natural sciences, social sciences, and humanities.

This sequence relies on sustainability as an organizing framework, encouraging students to consider the challenge of meeting the needs of the present without compromising the ability of future generations to meet their own needs, while also addressing the extreme poverty that afflicts at least 20% of the world's current population.

Students will become aware of:
- The main drivers of climate change, both natural and human-induced
- Intrinsic and resource value of species and ecosystems
- Efforts to restore endangered species and ecosystems

Students will also study how various economic measures can help better manage water resources, food systems, energy resources, and waste to grow the economy and alleviate poverty while preserving the environment. Case studies introduce students to key concepts in global environmental change, human security, environmental justice, and sustainability.

**Introduction to Global Sustainability I: The Earth System**
*Uni Stu 13A*
Course explores origin and evolution of the Earth, its atmosphere, land, and oceans from the perspective of biogeochemical cycles
Fall Quarter
Fulfills GE Category II

**Introduction to Global Sustainability II: The Living Planet**
*Uni Stu 13B*
Course explores global and local ecosystem distribution, biodiversity, environmental contamination, and endangered species
Winter Quarter
Fulfills GE Category II

**Introduction to Global Sustainability III: Human Impacts**
*Uni Stu 13C*
Course explores human impacts, resource use, and sustainability
Spring Quarter
Fulfills GE Category III

Supported by: [UCI Sustainability Initiative](sustainability.uci.edu)

Making community-engaged sustainability scholarship part of the curriculum