



CIEE Study Abroad

Course title:	Climate Change
Course number:	ENVI 2001 CIEE
Programs offering course:	CIEE Summer Online
Language of instruction:	English
U.S. Semester Credits:	3
Contact Hours:	45
Term:	Summer 2020

Course Description

Using an interdisciplinary approach, this course investigates the causes and consequences of climate change: scientifically, socially and politically. The course draws heavily on local and global leaders on climate change, from documenting climate-related changes in biodiversity to sound policy on mitigation and adaptation. Through interactive learning, students draw upon their own experiences, as well as those of scientists and policy makers, and rich examples from around the world.

Learning Objectives

By completing this course, students will:

- Explain the science of how Earth's climate system operates globally, regionally and locally
- Explore and contrast environmental, economic, social and political factors that impact anthropogenic climate change
- Investigate causes and consequences of climate change in geological time and compare them to more recent changes
- Consider data from multiple models to predict our likely climate future
- Evaluate social and cultural consequences of climate change, including who bears the brunt of negative repercussions
- Compare how policy differs nationally and discuss international attempts to mitigate and adapt to climate change
- Build their own understanding of climate change from backyard to biosphere

Course Prerequisites

None

CIEE Summer Online courses will involve asynchronous instruction. Instructors will apply theory and deliver the learning objectives using a rich array of online teaching methods and resources from CIEE host countries and communities. Full details, including dates and deadlines for assessments, will be provided in the final syllabus shortly before online learning begins.