

# COURSE DETAIL

## CLIMATE CHANGE AND THE FUTURE OF THE MEDITERRANEAN

**Country**

Italy

**Host Institution**

UC Center, Sicily

**Program(s)**

Environmental Science in Sicily

**UCEAP Course Level**

Upper Division

**UCEAP Subject Area(s)**

Geography Environmental Studies

**UCEAP Course Number**

120

**UCEAP Course Suffix****UCEAP Official Title**

CLIMATE CHANGE AND THE FUTURE OF THE MEDITERRANEAN

**UCEAP Transcript Title**

CLMT CHNG MEDITERAN

**UCEAP Quarter Units**

4.50

**UCEAP Semester Units**

3.00

## **Course Description**

This course explores the intersection of climate change and other contemporary global environmental challenges and the future of the Mediterranean. Students gain an understanding of Mediterranean geographies, environments, and societies, along with past and future climate trends. The course examines the potential impacts of 21st-century climate change on ecosystems, human well-being, and social systems. The course provides an analysis of similar ecosystems across the globe that face climate-related challenges, and of the national and transnational policies that are or are not in place not only in the Mediterranean basin but also in locations such as in California, Australia, Chile, and South Africa.

Key topics include the fundamentals of climate science, relationships between human and natural systems (such as water supplies, agriculture, public health, and biodiversity), and the law, politics, and societal debates as pertain to possible solutions to reduce the magnitude and impacts of climate change. By studying these issues in the context of Sicily, students develop insights into global climate challenges and localized responses. The course also provides a historical perspective on Sicily's environmental and social changes over time. Students explore how the region's long history of cultural and political shifts has shaped its environmental practices and adaptation strategies. Additionally, the course addresses the growing issue of climate-induced migration to Sicily, examining its impacts and the region's ability to adapt to these growing population movements.

### **Language(s) of Instruction**

English

### **Host Institution Course Number**

### **Host Institution Course Title**

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### **Host Institution Course Details**

### **Host Institution Campus**

UC Sicily Center

**Host Institution Faculty**

**Host Institution Degree**

**Host Institution Department**

**Course Last Reviewed**

2025-2026

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