

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

CLIMATE CHANGE AND THE FUTURE OF THE MEDITERRANEAN

Host Institution Campus

UC Sicily Center

Host Institution Faculty
Host Institution Degree
Host Institution Department

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