

COURSE DETAIL

EARTH'S CLIMATE: PAST, PRESENT, AND FUTURE

Country

Ireland

Host Institution

Trinity College Dublin

Program(s)

Trinity College Dublin

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Geography

UCEAP Course Number

119

UCEAP Course Suffix**UCEAP Official Title**

EARTH'S CLIMATE: PAST, PRESENT, AND FUTURE

UCEAP Transcript Title

EARTH'S CLIMATE

UCEAP Quarter Units

4.00

UCEAP Semester Units

2.70

Course Description

Climate change is one of the most important challenges we face. The effects of climate change vary over time and space, and are rooted in the operation and sensitivity of the climate system itself. This course first gives students a fundamental understanding of Earth's climate system and then investigates the history of climate on Earth and how (and why) climate changes over time. Students explore historical records of climate before turning their focus to future climate projections, including how models predict future climate scenarios.

Students also evaluate what implications future climate projections may have for communities both locally and globally.

Language(s) of Instruction

English

Host Institution Course Number

GGU33011

Host Institution Course Title

EARTH'S CLIMATE: PAST, PRESENT, AND FUTURE

Host Institution Course Details

<https://www.tcd.ie/students/orientation/visiting-exchange/module-directory/Geog...>

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Geography

Course Last Reviewed

2021-2022

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