

COURSE DETAIL

CLIMATE CHANGE IN CONTEXT

Country

Netherlands

Host Institution

Utrecht University

Program(s)

Utrecht University

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Geography Environmental Studies

UCEAP Course Number

121

UCEAP Course Suffix**UCEAP Official Title**

CLIMATE CHANGE IN CONTEXT

UCEAP Transcript Title

CLIMTE CHNGE CONXT

UCEAP Quarter Units

6.00

UCEAP Semester Units

4.00

Course Description

This course focuses on the construction of climate models. It starts with a very simple model of a surface (for example the earth) that is heated by solar radiation. Step by step this model is expanded into a simple climate model that discusses various concepts from physics, chemistry, biology and mathematics. Students then examine how complex scientific climate models work. Finally, the climate projections as presented by the Intergovernmental Panel on Climate Change (IPCC) are examined.

Language(s) of Instruction

English

Host Institution Course Number

BETA-B1KLC

Host Institution Course Title

CLIMATE CHANGE IN CONTEXT

Host Institution Campus

Science

Host Institution Faculty**Host Institution Degree****Host Institution Department**

Science

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