

# 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 Course Details****Host Institution Campus**

Science

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

Science

**Course Last Reviewed**

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