

## COURSE DETAIL

### SOILS, SEDIMENT, AND SOCIETY

**Country**

Netherlands

**Host Institution**

Leiden University College

**Program(s)**

Leiden University College

**UCEAP Course Level**

Upper Division

**UCEAP Subject Area(s)**

Environmental Studies

**UCEAP Course Number**

160

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

SOILS, SEDIMENT, AND SOCIETY

**UCEAP Transcript Title**

SOIL SEDMNT & SOC

**UCEAP Quarter Units**

6.00

**UCEAP Semester Units**

4.00

## Course Description

This course on soil science is marked by drawing on information from many interdisciplinary fields like geology, geomorphology, hydrology, and ecology. The course covers the following: how soils form; important controls and processes and their influence on soil behavior; classification of basic soil types based on field observations (mapping); processes for sampling soil material and performing simple analyses in the laboratory (particle size, pH); representation of soil information on maps; the formation, properties, and the significance of soils in a variety of geospatial contexts; historic and current issues of land use and correlated impacts on soils; soil functions and the importance of soil conservation. This course has required field trips including a three-day field stay at the Eifel Mountains. Prerequisites for this course include courses in sustainability and earth system science. GIS skills are helpful but not required.

## Language(s) of Instruction

English

## Host Institution Course Number

## Host Institution Course Title

SOILS, SEDIMENT, AND SOCIETY

## Host Institution Campus

LUC The Hague- Level 3

## Host Institution Faculty

## Host Institution Degree

## Host Institution Department

Earth, Energy, and Sustainability

[Print](#)