# **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 sustainaiblity 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 Hauge- Level 3

# **Host Institution Faculty**

**Host Institution Degree** 

## **Host Institution Department**

Earth, Energy, and Sustainability

**Print**