

## COURSE DETAIL

### ENVIRONMENTAL SOIL SCIENCE

**Country**

Denmark

**Host Institution**

University of Copenhagen

**Program(s)**

University of Copenhagen

**UCEAP Course Level**

Upper Division

**UCEAP Subject Area(s)**

Environmental Studies

**UCEAP Course Number**

123

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

ENVIRONMENTAL SOIL SCIENCE

**UCEAP Transcript Title**

ENVRN SOIL SCIENCE

**UCEAP Quarter Units**

6.00

**UCEAP Semester Units**

4.00

## Course Description

This course focuses on research within the field of environmental soil science. Students learn about the following subjects at the regional scale: soil in relation to the environment and agricultural problems (e.g. ochre pollution), nutrient circulation, erosion, and heavy metals. Students also study international soil classification systems. This course covers geochemical and physical soil processes and soil classification in relation to agriculture and the environment. Students read scientific literature, apply theories and data related to the course subjects, give an oral presentation based on scientific research, and write a concise report. Students also propose solutions for complex problems at either a local or global scale using theory, data, and scientific methods.

## Language(s) of Instruction

English

## Host Institution Course Number

NIGK17016U

## Host Institution Course Title

ENVIRONMENTAL SOIL SCIENCE

## Host Institution Campus

Science

## Host Institution Faculty

## Host Institution Degree

## Host Institution Department

Geoscience and Natural Resource Management

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