

COURSE DETAIL

ENVIRONMENTAL SCIENCE

Country

Netherlands

Host Institution

Leiden University College

Program(s)

Leiden University College

UCEAP Course Level

Lower Division

UCEAP Subject Area(s)

Environmental Studies

UCEAP Course Number

11

UCEAP Course Suffix**UCEAP Official Title**

ENVIRONMENTAL SCIENCE

UCEAP Transcript Title

ENVIRONMENTAL SCI

UCEAP Quarter Units

4.50

UCEAP Semester Units

3.00

Course Description

This is an introduction to the field of Environmental Science, with a focus on ecosystems and biodiversity. The course focuses on how human disturbances affect individuals, populations, and communities. The course also discusses which mechanisms organisms have developed to deal with these stressors. In addition, the course examines the key methods which are available to study environmental impacts (e.g. field, modelling and lab studies), to better understand the advantages and disadvantages of these tools when assessing environmental impacts. Students develop a population model, and use the model to assess impacts of anthropogenic stressors in the population of animals. Students also conduct a group research project, which includes basic study design and data collection. Students gain theoretical insights in the classroom, and apply this knowledge during the research project.

Language(s) of Instruction

English

Host Institution Course Number

8001EES50W

Host Institution Course Title

ENVIRONMENTAL SCIENCE

Host Institution Campus

Leiden University College, The Hague

Host Institution Faculty

Host Institution Degree

Host Institution Department

Earth, Energy & Sustainability

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