

COURSE DETAIL

ECOTOXICOLOGY

Country

Sweden

Host Institution

Lund University

Program(s)

Lund University

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Biological Sciences

UCEAP Course Number

166

UCEAP Course Suffix**UCEAP Official Title**

ECOTOXICOLOGY

UCEAP Transcript Title

ECOTOXICOLOGY

UCEAP Quarter Units

12.00

UCEAP Semester Units

8.00

Course Description

This course is an advanced biology course providing an understanding of the fate, uptake, and effects of anthropogenic pollutants in the environment. Students study and apply ecotoxicological theories, models, and common methods and approaches concerning the fate of pollutants in the environment using fugacity-based multimedia partitioning models, uptake and accumulation using models of bioconcentration and biomagnification, and effects on different levels of biological organization (cellular, organism, population, and ecosystem) using ecotoxicological test methods with different endpoints.

Language(s) of Instruction

English

Host Institution Course Number

BIOR41

Host Institution Course Title

ECOTOXICOLOGY

Host Institution Campus

Host Institution Faculty

Science

Host Institution Degree

Host Institution Department

Biology

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