

COURSE DETAIL

ECOTOXICOLOGY

Country

Denmark

Host Institution

Aarhus University

Program(s)

Aarhus University

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Environmental Studies Biological Sciences

UCEAP Course Number

114

UCEAP Course Suffix**UCEAP Official Title**

ECOTOXICOLOGY

UCEAP Transcript Title

ECOTOXICOLOGY

UCEAP Quarter Units

8.00

UCEAP Semester Units

5.30

Course Description

Ecotoxicology addresses how chemicals released into the environment impact the biota. This course thus covers all aspects from release of chemical through transport and transformation outside the biota to uptake and effects within the biota. The main body of the course is concerned with distribution and effects within the organism from molecular interactions, impact on organ systems and how these effects at the individual organismal level can translate into higher level biological effects in populations, and communities. The course introduces important toxicological tools, illustrated in theory and practice and outlines the fundamental elements in chemical risk analysis.

Language(s) of Instruction

English

Host Institution Course Number

515111U036

Host Institution Course Title

ECOTOXICOLOGY

Host Institution Campus

Aarhus

Host Institution Faculty

Natural Sciences

Host Institution Degree

Bachelor

Host Institution Department

Biology

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