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 highter level biologica, effects in populations, and communities. The course introduces important toxicoloical 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 Course Details
https://kursuskatalog.au.dk/en/course/121023/Ecotoxicology

Host Institution Campus
Aarhus

Host Institution Faculty
Natural Sciences

Host Institution Degree
Bachelor

Host Institution Department
Biology

Course Last Reviewed

2023-2024

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