COURSE DETAIL

SOIL AND PLANT ECOLOGY
Country Sweden
Host Institution Lund University
Program(s) Lund University
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Biological Sciences
UCEAP Course Number 123
UCEAP Course Suffix
UCEAP Official Title SOIL AND PLANT ECOLOGY
UCEAP Transcript Title SOIL & PLANT ECOL
UCEAP Quarter Units 12.00
UCEAP Semester Units 8.00

Course Description
This course explores the intersection of biological, chemical, and geological processes that shape the soil environment. In an era of unprecedented human-induced environmental change, research in this field is advancing rapidly. The course explores the processes underlying biogeochemical cycles of carbon and nutrients, soil formation and erosion, and examines how human activities alter these processes. Topics include microbial and plant-mediated carbon and nutrient cycling, the role of biological diversity in biogeochemical processes, the importance of mycorrhiza for plant nutrition, soil food webs, and exploration into how new techniques are advancing studies of the soil environment. The course is designed to facilitate critical discussion and analysis of various soil processes, and improve research, dissemination, and presentation skills.

Language(s) of Instruction
English

Host Institution Course Number
BIOR78/EXTN20

Host Institution Course Title
SOIL AND PLANT ECOLOGY

Host Institution Course Details

Host Institution Campus
Science

Host Institution Faculty

Host Institution Degree

Host Institution Department
Biology

Course Last Reviewed

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