COURSE DETAIL

AGROECOLOGY

Country
Netherlands

Host Institution
Utrecht University

Program(s)
Utrecht University

UCEAP Course Level
Upper Division

UCEAP Subject Area(s)
Environmental Studies Agricultural Sciences

UCEAP Course Number
127

UCEAP Course Suffix

UCEAP Official Title
AGROECOLOGY

UCEAP Transcript Title
AGROECOLOGY

UCEAP Quarter Units
6.00

UCEAP Semester Units
4.00

Course Description

The course focuses on agroecological principles to analyze and design sustainable and productive farming systems. Agroecological principles include Recycling and efficiency; Living Soils; Biodiversity; Ecosystem services and multi-functionality; Resilience; Fair Markets; Culture & spirituality; Youth & Women; Adequate Policies & governance; Knowledge co-creation and collaboration. How agroecological farming systems are developed across the world, and how principles can be applied and translated into adaptive farming practices and management are explored There is a strong focus on methods, approaches, and indicators used to assess mechanisms that regulate the ecological functioning of farming systems. Methodologies to involve farmers and promote the dialogue between scientific and practical knowledge for the design of agroecological farming systems are learned.

Language(s) of Instruction
English

Host Institution Course Number
GEO2-2436

Host Institution Course Title
AGROECOLOGY

Host Institution Course Details
https://osiris-student.uu.nl/onderwijscatalogus/extern/cursus

Host Institution Campus
Utrecht University

Host Institution Faculty
Geosciences

Host Institution Degree

Host Institution Department

Sustainability

Course Last Reviewed
2024-2025

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