

## 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 Campus

Utrecht University

### Host Institution Faculty

Geosciences

### Host Institution Degree

### Host Institution Department

Sustainability

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