

## COURSE DETAIL

### INTRODUCTION TO ORGANIC PRODUCTION SYSTEMS

**Country**

Netherlands

**Host Institution**

Wageningen University and Research Center

**Program(s)**

Wageningen University

**UCEAP Course Level**

Upper Division

**UCEAP Subject Area(s)**

Agricultural Sciences

**UCEAP Course Number**

120

**UCEAP Course Suffix****UCEAP Official Title**

INTRODUCTION TO ORGANIC PRODUCTION SYSTEMS

**UCEAP Transcript Title**

INTROORGANICPRODSYS

**UCEAP Quarter Units**

5.00

**UCEAP Semester Units**

3.30

## Course Description

This course introduces the theory, agronomic practices, and ecological mechanisms of Organic Production Systems. First, the different approaches and production methods of soils, plants, trees, and animals in organic farming are presented with lectures, farm excursions, and farmer interviews. Different farming systems such as organic farming, biodynamic farming, nature-inclusive agriculture, regenerative agriculture, conservation agriculture, agroforestry, and permaculture are presented and discussed. Secondly, the course focuses specifically on the integration and cooperation of the different agricultural elements and concentrates on the interactions between annual and perennial arable crops, livestock species, trees, soils, and landscapes in the *Dutch/European* environment. Examples from all over the world are used to demonstrate integration and cooperation. The course uses certified organic systems as the baseline and starting point. This course does not discuss conventional farming practices.

### Language(s) of Instruction

English

### Host Institution Course Number

FSE21806

### Host Institution Course Title

INTRODUCTION TO ORGANIC PRODUCTION SYSTEMS

### Host Institution Campus

Wageningen University

### Host Institution Faculty

### Host Institution Degree

### Host Institution Department

Farming Systems Ecology

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