

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 Course Details

<https://wur.osiris-student.nl/onderwijscatalogus/extern/cursus>

Host Institution Campus

Wageningen University

Host Institution Faculty

Host Institution Degree

Host Institution Department

Farming Systems Ecology

Course Last Reviewed

2023-2024

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