

# COURSE DETAIL

## ECOLOGICAL METHODS

**Country**

Netherlands

**Host Institution**

Wageningen University and Research Center

**Program(s)**

Wageningen University

**UCEAP Course Level**

Upper Division

**UCEAP Subject Area(s)**

Environmental Studies

**UCEAP Course Number**

133

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

ECOLOGICAL METHODS

**UCEAP Transcript Title**

ECOLOGICAL METHODS

**UCEAP Quarter Units**

5.00

**UCEAP Semester Units**

3.30

## Course Description

This course covers the choice and application of univariate and multivariate statistical techniques and tests, for the interpretation of ecological field data. The choice of appropriate test is given attention in relation to the type of data under investigation. The necessary theoretical statistical background is expected to be present. The use of software (R, Excel, Ecological packages) for the analysis of field data is highlighted and exercised. Attention is paid to the sequence: hypothesis, choice of tests, interpretation of statistical results, and ecological meaning of outcome with respect to the hypothesis. Emphasis is placed on the use of data from plant-animal interactions and studies on individual plant or animal species.

## Language(s) of Instruction

English

## Host Institution Course Number

WEC31806

## Host Institution Course Title

ECOLOGICAL METHODS

## Host Institution Course Details

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

## Host Institution Campus

Wageningen University and Research Center

## Host Institution Faculty

## Host Institution Degree

## Host Institution Department

## Course Last Reviewed

2025-2026

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