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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