

COURSE DETAIL

PROCESSING AND ANALYSIS OF BIOLOGICAL DATA

Country

Sweden

Host Institution

Lund University

Program(s)

Lund University

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Biological Sciences

UCEAP Course Number

103

UCEAP Course Suffix**UCEAP Official Title**

PROCESSING AND ANALYSIS OF BIOLOGICAL DATA

UCEAP Transcript Title

BIOLOGICAL DATA

UCEAP Quarter Units

6.00

UCEAP Semester Units

4.00

Course Description

This course covers the principles of processing and handling of biological data. The following topics are covered: SPSS/R, binomial-, poisson- and normal distribution, descriptive statistics and graphs, hypotheses testing, t-test, ANOVAs, correlation, regression, multiple and non-linear regression, chi-square, G-tests, log-linear modelling, logistic regression and survival, discriminant, PCA, and cluster analyses.

Language(s) of Instruction

English

Host Institution Course Number

BIOS14

Host Institution Course Title

PROCESSING AND ANALYSIS OF BIOLOGICAL DATA

Host Institution Course Details**Host Institution Campus**

Science

Host Institution Faculty**Host Institution Degree****Host Institution Department**

Biology

Course Last Reviewed

[Print](#)