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 Campus
Science

Host Institution Faculty

Host Institution Degree

Host Institution Department
Biology

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