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

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