



Sveriges lantbruksuniversitet  
Swedish University of Agricultural Sciences

# SLUkurs

## Syllabus

**POG0044 Statistics for Biologists II, 7.5 credits**

## Syllabus approved

2002-08-07

## Subjects

Statistics, Computer Science and Systems Science

## Education cycle

Third cycle

## Grading scale

Pass / Failed

The requirements for attaining different grades are described in the course assessment criteria which are contained in a supplement to the course syllabus. Current information on assessment criteria shall be made available at the start of the course.

## Language

English

## Prior knowledge

Statistics for Biologists I or equivalent.

## Objective, including learning outcomes

The course is a continuation of Statistics for Biologists I.

**Content**

Some keywords: Anova in more complex designs. Regression and correlation. Multiple regression; non-linear regression. Dummy variables. Covariance analysis. Logistic regression. Analysis of frequency data. Outputs from the SAS computer package are used to illustrate various topics.

**Requirements for examination**

Exercises during the course and a final exam that may be written and/or oral.

**Additional information****Responsible department**

Department of Economics