



Sveriges lantbruksuniversitet
Swedish University of Agricultural Sciences

SLUkurs

Syllabus

POG0004 Analysis of variance, covariance and regression, 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

Swedish

Prior knowledge

"Variansanalys och försöksplanering", 5 credits.

Objective, including learning outcomes

Having completed the course the student will be able to plan, analyse and interpret results from biological experiments.

Content

Simple and multiple linear regression. Analysis of covariance. Analysis of complex designs for biological experiments: Latin squares, cross-over designs, split plot designs, repeated measures.

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