



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