



# SLUkurs

## Syllabus

**PLG0027 Treatment of Data, 4.5 credits**

## Syllabus approved

2010-12-06

## Subjects

Mathematic Statistics/Other Social 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

The equivalent of 120 Swedish university credits. Basic course in statistics (for the quantitative part) and preferably the PhD course Research Design are recommended. The course is primarily for PhD students who have already collected some data material. It is expected that the participants of the course can contribute with a data set from his/hers own research. Based on the participants' own research, quantitative or qualitative data will be treated.

**Objective, including learning outcomes**

The aim of the course is to partly work with your own data, so the course is for those of you who have some data from your own research projects. The methods discussed will be related to the participants' ongoing research projects. After the course the students are expected to have more clear ideas of how to use different methods of data analysis and an idea of the methods appropriate for his/her own research project.

**Content**

The content of the course is to a great extent dependent on the character of the participants' research projects. It will focus on design of experiments, analysis of variance, regression and multivariate statistical methods.

**Requirements for examination**

Exercises during the course and a written exam related to the students' research project.

**Additional information**

When applying for the course, please give a short description of your data set and research.

Coursetime: 14 January - 4 Februari 2011.

Deadline for application: 31 December 2010.

**Responsible department**

Faculty of Landscape Architecture, Horticulture and Crop Production Science