



Sveriges lantbruksuniversitet
Swedish University of Agricultural Sciences

SLUkurs

Syllabus

PNG0035 Basic SAS-programming, 3.0 credits

Syllabus approved

2011-09-12

Subjects

Mathematic Statistics

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

None

Objective, including learning outcomes

This is an elementary course intended to give basic knowledge in SAS-programming and data management. The focus is on data checking, data presentation and data preparation before analysis.

Content

This course covers the basics in SAS-programming and data management, such as

- data import/export from and to external files
- logical statements
- internal SAS-variables, date and character formats
- subsetting and merging SAS datasets
- some base procedures, such as proc univariate, proc means and proc tabulate
- basics on SAS graphic solutions (ods graphics)
- introduction to macro programming and arrays.

Requirements for examination

Marking scale: Pass/Failed

Passed assignments during the course and passed individual project work.

Additional information

Implementation

Lectures and supervised computer exercises approx. 20 h

Examination and evaluation approx. 10 h

Individual project work approx. 20 h

Self studies approx. 30 h

In total approx. 80 h

Responsible department

Department of Economics