

SLUkurs

Syllabus

PLG0004 Research design for PhD-students, 3.0 credits

Syllabus approved

2006-10-07

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

Accepted as PhD-students or planning to be a PhD-student within half a year after the course starts. The course is also open for teachers/researchers at SLU depending on places available. PhD-students will be prioritised in lack of places.

Objective, including learning outcomes

The aim of the course is to give an introduction and overview of different research strategies and methods within the faculty. Quantitative and qualitative methods

will be discussed and related to ongoing or planned research projects as well as course literature. After the course the students are expected to have more profound knowledge about the possibilities and limits of different kind of research methods and strategies. In that way they will be better prepared to design and perform their own research projects.

Content

Qualitative methods:

Case-study techniques.

Sociological and ethnographical methods

In-depth interviews

Narratives as a method

Quantitative methods:

Statistical design of experiments

Experimental designs

Inquiries

Short about statistical analysis of quantitative methods

Requirements for examination

80% participation on the lectures. Approved home-work and presentations as well as opposition on one of the other course-mates work.

Additional information

Responsible department

Faculty of Landscape Architecture, Horticulture and Crop Production Science