Sveriges lantbruksuniversitet
Swedish University of Agricultural Sciences

SLUkurs

Syllabus

PNS0027 Statistics workshops, 3.0 credits

Syllabus approved

2006-06-28

Subjects

Statistics, Computer Science and Systems Science/Biology

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

Admitted to the PhD education

Objective, including learning outcomes

To enhance the statistical competence of students by generating a platform that brings together PhD-students, senior researchers (experienced in applied statistics)

and professional statisticians, in order to support straightforward solutions of concrete statistical problems brought up by the PhD-students.

Content

Application of modern statistical methods to current research questions
- Formulation of concrete statistical problems from the actual research by participating PhD-students; these problems will guide the selection of the subject contents of individual sessions held at three occasions during the course;
- Individual preparations of selected statistical subjects by students;
- Presentation of statistical problems by students;
- Presentation of selected subjects by professional statisticians;
- In-depth discussions of selected statistical subjects and problems during individual sessions, where also senior researchers are invited to actively participate.

Requirements for examination

The students are required to participate in the three sessions, formulate a statistical problem from their own research and submit the problem prior to one of the three sessions. In addition, the students must present a written suggestion for how to solve their problems in order to gain full credits of the course.

Additional information

Responsible department

Department of Crop Production Ecology