



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