

SLUkurs

Syllabus

POG0043 Statistics for Biologists I, 7.5 credits

Syllabus approved

2002-08-07

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

None

Objective, including learning outcomes

This is an elementary course intended to give basic knowledge of the principles of statistical inference, especially analyzing planned experiments.

Content

The course corresponds to the first courses at the undergraduate level, and is recommended for students lacking that knowledge. Some keywords: Confidence intervals; t tests; Analysis of Variance for different designs; principles of "good" designs. The SAS and Minitab computer packages are used to analyze example data.

Requirements for examination

Written exam and exercises during the course

Additional information**Responsible department**

Department of Economics