

Introductory Statistics, basic course

Single subject and programme course

7.5 credits

Grundläggande statistik

732G40

Valid from: 2017 Autumn semester

Determined by

The Quality Board at the Faculty of Arts
and Sciences

Date determined

2017-09-22

Replaced by

732G50

Main field of study

Statistics

Course level

First cycle

Advancement level

G1X

Intended learning outcomes

On completion of the course, the student should be able to

- use the most common statistical inference methods and probability models,
- use statistical methods for analysis of data
- in a knowledgeable way, assess the quality of data and interpret results of statistical analyses.

Course content

The following is studied in the course

- models of descriptive statistics,
- search for and presentation of information in national databases,
- probability models for one and multiple random variables,
- statistical inference with significance testing and interval estimation.

Teaching and working methods

The teaching takes the form of lectures, teaching sessions, computer exercises and project work.

Examination

The course is examined through written examination and a written presentation of a project work. Detailed information about the examination can be found in the course's study guide

Students failing an exam covering either the entire course or part of the course twice are entitled to have a new examiner appointed for the reexamination.

Students who have passed an examination may not retake it in order to improve their grades.

Grades

Three-grade scale, U, G, VG

Other information

Planning and implementation of a course must take its starting point in the wording of the syllabus. The course evaluation included in each course must therefore take up the question how well the course agrees with the syllabus.

The course is carried out in such a way that both men's and women's experience and knowledge is made visible and developed.

Department

Institutionen för datavetenskap