

Quasi-Experimentation and Statistical Analysis

Single subject and programme course

6 credits

Kvasiexperiment och statistisk analys

729G25

Valid from:

Determined by

The Quality Board at the Faculty of Arts
and Sciences

Date determined

2009-08-24

Revision date

2016-08-25

Replaced by

729G88

Main field of study

Cognitive Science

Course level

First cycle

Advancement level

G2X

Course offered for

- Bachelor's Programme in Cognitive Science

Entry requirements

For admission to the course, completion of year 1 and year 2 of the Bachelor's Programme in Cognitive Science, or the equivalent, is required.

Intended learning outcomes

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

- design a quasi-experimental study based on an issue
- carry out a quasi-experimental study in an ethically relevant way
- analyse data from a quasi-experimental study
- interpret the results of a quasi-experimental study.

Course content

The course contents highlight the following fields:

- design of research studies are based on advanced quantitative methods
- validity and reliability
- statistical analyses with 2 or more variables, particularly variance analysis
- Applied Ethics

Teaching and working methods

The teaching takes the form of lectures, seminars, laboratory sessions, group assignments and independent studies.

Examination

The course is examined through written examination, laboratory sessions and project work.

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.

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Department

Institutionen för datavetenskap