

Bachelor's Thesis in Statistics, in-depth course

Kandidatuppsats i Statistik, fördjupningskurs
15 credits

Single subject and programme course

732G32

Valid from: 2010 Autumn semester

Determined by	Main field of study	
The Quality Board at the Faculty of Arts and Sciences	Statistics	
Date determined	Course level	Progressive specialisation
2010-06-17	First cycle	G2F
Revised by	Disciplinary domain	
	Social sciences	
Revision date	Subject group	
	Statistics	
Offered first time	Offered for the last time	
Spring semester 2010	Spring semester 2022	
Department	Replaced by	
Institutionen för datavetenskap	732G47	

Course offered for

- Bachelor's Programme in Statistics and Data Analysis

Entry requirements

For admission to the course, the student should have achieved a passing grade on courses comprising at least 60 ECTS credits in statistics within the programme and have completed courses comprising at least 15 ECTS credits in statistics at the in-depth level.

Intended learning outcomes

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

- absorb the contents of relevant nonfiction in the area for the current work and put the work in a context
- apply the knowledge and skills that have been acquired in the first-cycle studies
- write an essay in statistics on first-cycle level and orally be able to present and defend the essay and its message for an audience with varying degrees of knowledge in statistics
- carry out a review of another essay at first-cycle level in statistics.

Course content

The aim of the course is that the student should be able to carry out a larger cohesive work on first-cycle level in statistics. The contents of the course are decided on the basis of on a problem that is chosen for each group. As a rule, the problem should be an application from outside of the university. The course is devoted to solving the chosen problem with the assistance of supplementary literature studies and writing of an essay. The essay should be defended at a public seminar with a critical review. The course also includes a review of another group's degree project (or the equivalent).

Teaching and working methods

Apart from independent studies, the teaching consists of joint supervision and seminars. The thesis work should normally be carried out in a group of two individuals. In exceptional cases, the work may be carried out by one individual.

Examination

The course is examined through written and oral presentation of the completed work. The written presentation should be in the form of a report. The oral examination is a presentation and a defence of the own report and public discussion on another Bachelor's essay (or the equivalent) at public final review.

If special circumstances prevail, and if it is possible with consideration of the nature of the compulsory component, the examiner may decide to replace the compulsory component with another equivalent component.

If the LiU coordinator for students with disabilities has granted a student the right to an adapted examination for a written examination in an examination hall, the student has the right to it.

If the coordinator has recommended for the student an adapted examination or alternative form of examination, the examiner may grant this if the examiner assesses that it is possible, based on consideration of the course objectives.

An examiner may also decide that an adapted examination or alternative form of examination if the examiner assessed that special circumstances prevail, and the examiner assesses that it is possible while maintaining the objectives of the course.

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.

If special circumstances prevail, the vice-chancellor may in a special decision specify the preconditions for temporary deviations from this course syllabus, and delegate the right to take such decisions.