

# Theory and Method in Scientific Work

Programme course

15 credits

Vetenskapsteori och forskningsmetod

948A05

Valid from: 2020 Spring semester

**Determined by**  
The Board of Educational Science

**Date determined**  
2008-04-01

**Revision date**  
2019-09-10

## Main field of study

Special Education

## Course level

Second cycle

## Advancement level

A1X

## Course offered for

- Special Needs Training Programme

## Entry requirements

45 HE credits passed on the Special Teacher Education Programme or equivalent.

## Intended learning outcomes

On completion of the course, the student should have:

- The knowledge and ability to independently plan and motivate a scholarly study
- Advanced knowledge of research methods and scientific starting-points
- The ability to formulate and argue for a problem formulation within a problem area relevant to the profession
- Developed a scholarly approach
- The ability to critically review, analyse and give response to scholarly texts

## Course content

Knowledge of both quantitative and qualitative methods in the research process is covered in the course. Also covered in the course is knowledge of scientific starting-points and the different stages of the research process; definition of a problem, literature search, data collection and processing, analysis and interpretation of data. Continuously during the major part of the course, the student produces a minor essay as a preparation for a future scholarly assignment.

## Teaching and working methods

The teaching takes the form of field studies, literature studies, lectures, student active seminars and oral and written assignments, individually and in groups.

## Examination

The course is examined through oral and written presentations of field and course assignments, individually and in groups.

Applies to all courses regardless of grading scale.

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

If the course has a three-graded grading scale (U - VG), following applies:

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

The following applies to courses that include a compulsory component:

- 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 instead 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.

## Grades

Two-grade scale, U, G

## 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 beteendevetenskap och lärande