

Methods for Research and Development in Educational Institutions

Forskning och utvecklingsarbete i utbildning och skola
15 credits

Single subject course

912A05

Valid from: 2024 Spring semester

Determined by	Main field of study	
The Board of Educational Science	Pedagogical Work	
Date determined	Course level	Progressive specialisation
2015-05-07	Second cycle	AXX
Revised by	Disciplinary domain	
Course Syllabus Board at the Faculty of Educational Sciences	Social sciences	
Revision date	Subject group	
2021-03-08; 2019-09-10; 2021-03-12	Educational Sciences/Theoretical Subjects	
Offered first time	Offered for the last time	
2016		
Department	Replaced by	
Institutionen för beteendevetenskap och lärande		

Intended learning outcomes

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

- account for and use various types of social-science research methods
- be able to process and analyse various types of data on an advanced level.
- critically review minor research work.

Course content

Perspectives on Quantitative and Qualitative Research Methods, 7.5 HE credits
(Perspektiv på kvantitativ och kvalitativ forskning)

In the module, both qualitative and quantitative research methods are covered. Students also review essays with consideration to scientific theoretical and research methodical perspectives. Furthermore, theory of knowledge and social-science research methods in relation to the field of educational science are covered.

Data Collection, Analysis and Presentation of Research Results, 7.5 HE credits
(Insamling och analys av data samt presentation av forskningsresultat)

In the module, students practise collection and analysis of various types of data as well as presentation of research results. Module two is completed with a minor essay for a planned essay project.

Teaching and working methods

The teaching takes the form of lectures, seminars, independent work and group assignments, both physically and via a web-based learning management system. In addition to scheduled time, the student is expected to carry out independent studies.

Examination

The course is examined through course assignments established in the study guide

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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 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.

Grades

Three-grade scale, U, G, VG

Other information

Course revised 2020-04-02; Dnr LiU-2020-01361

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 conducted in such a way that there are equal opportunities with regard to sex, transgender identity or expression, ethnicity, religion or other belief, disability, sexual orientation and age.

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.

About teaching and examination language

The teaching language is presented in the Overview tab for each course. The examination language relates to the teaching language as follows:

- If teaching language is Swedish, the course as a whole or in large parts, is taught in Swedish. Please note that although teaching language is Swedish, parts of the course could be given in English. Examination language is Swedish.
- If teaching language is Swedish/English, the course as a whole will be taught in English if students without prior knowledge of the Swedish language participate. Examination language is Swedish or English (depending on teaching language).
- If teaching language is English, the course as a whole is taught in English. Examination language is English.