

Theories of Research and Methods of Inquiry

Programme course

15 credits

Forskningsteori och undersökningsmetoder

947A14

Valid from: 2020 Spring semester

Determined by
The Board of Educational Science

Date determined
2017-10-12

Revision date
2019-09-10

Main field of study

Education

Course level

Second cycle

Advancement level

A1X

Course offered for

- Master's Programme in Outdoor and Sustainability Education

Intended learning outcomes

After completion of the course the student shall be able to:

- Account for quantitative and qualitative research strategies with focus on outdoor educational research
- Demonstrate how different research strategies can be used in research on outdoor education
- Critically discuss and analyze choices of research design, methods of analysis, and theory with focus on outdoor educational research
- Apply methodological knowledge in terms of planning and conduct data collection
- Document and analyze learning environments and teaching sequences by using photo or video
- Account for, and apply research ethics in planning and conducting research

Course content

The course considers qualitative and quantitative research strategies with relevance for outdoor educational research. The focus is on researching teaching and learning in outdoor learning environments. Different methods of data collection and methods of analysis are discussed and practiced. Ethics is an important aspect of research and is also part of the course.

Teaching and working methods

The course emphasizes practical research activities such as fieldwork and different kinds of data collection. Lectures and seminars are a complement to more independent practical work. The students are also supposed to conduct minor analyzes of data.

Examination

The students are examined by written assignments on the practical fieldwork and an individual research plan.

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

ECTS, EC

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

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.

Department

Institutionen för beteendevetenskap och lärande