

SYLLABUS

Methods in Social Sciences 2 15 credits P0055A

Samhällsvetenskaplig metod 2

Course syllabus admitted: Autumn 2023 Sp 1 - Present

**DECISION DATE
2022-06-16**

Methods in SocialSciences 2 15 credits P0055A

Samhällsvetenskaplig metod 2

First cycle, P0055A

Education level	Grade scale	Subject	Subject group (SCB)
First cycle	U G VG *	Psykologi	Psychology

Main field of study

Psychology

Entry requirements

In order to meet the general entry requirements for first cycle studies you must have successfully completed upper secondary education and documented skills in English language and 60 credits completed courses with at least a passing grade in the subject psychology, and passed the course Research Methods in Social Sciences I (P0045A) 15 credits, or equivalent.

Selection

The selection is based on 1-165 credits.

Course Aim

Knowledge and comprehension

After passing the course, the student should be able to:

- Demonstrate in-depth knowledge about statistical concepts and analytical methods applied in quantitative research
- Demonstrate knowledge in data collection, coding of data, and interpretation of qualitative data

Skills and abilities

After passing the course, the student should be able to:

- Apply quantitative and qualitative research method, including methods for data handling
- Search for scientific literature
- Initiate, plan, and conduct an interview study and analyse the results with support of qualitative method
- Report in writing a qualitative interview study
- Present and in writing interpret results from completed surveys
- Perform advanced analyses of data with support of computer
- Identify, apply, and argue for statistical analyses applicable on quantitative data
- Identify limitations and potential sources of error in statistical analyses.

Appraisal and approach

After passing the course, the student should be able to:

- Interpret and critically value results from quantitative and qualitative analyses with focus on social sciences
- Critically relate to ethical aspects of research methods in the social sciences
- Value a scientific work and put it into context

Contents

The course focuses on qualitative and quantitative research methods in social sciences, and its application in psychological research. The course is separated in two elements, which mainly consist of:

Element 1: Quantitative method, 10.0hp. Basic and advanced quantitative methods used in psychological research. Computer based statistical analyses of data.

Element 2: Qualitative method, 5.0hp. Data collection, coding of data, interpretation of data, and a written report based on data from a qualitative interview study. Search of literature and review of literature. Identify the current state-of-art in a specific research area.

Realization

Each course occasion's language and form is stated and appear on the course page on Luleå University of Technology's website.

Element 1: The teaching within this course typically includes lectures, seminars, and self-studies. A major part of the teaching includes applied exercises using statistical software.

Element 2.: The teaching within this course typically includes lectures about, and exercises in, qualitative methods, information technology, supervision, and self-studies. In this element the student also analyse data and write a report based on data collected by the student.

Teaching materials will be accessed, and some communication will be made, on the internet-based course platform Canvas. Thus, specific demands on technical equipment and competences are needed.

Parts of the course may be given in English.

Examination

If there is a decision on special educational support, in accordance with the Guideline Student's rights and obligations at Luleå University of Technology, an adapted or alternative form of examination can be provided. The learning outcomes will be examined through different forms of examination.

Element 1: Quantitative method. Laboratory work, 5.0hp (grades: U,G). Individual laboratory assignments, 5.0hp (grades: U,G,VG). The examination is individual.

Element 2: Qualitative method. Individual assignment, 3.5hp (grades: U,G,VG). Literature review, 1.5hp (grades: U,G). As part of the individual assignment the student perform a qualitative interview study and a written report. The literature review is performed individually or in pair, and is part of the mandatory participation in the lecture about information technology.

All course modules and assignments should be passed to receive a final grade on the course. Grade VG is needed on both the Laboratory assignments in quantitative method (5,0) and the individual home assignment in qualitative method (3.5 hp) to receive a final VG grade on the course.

Unauthorized aids during exams and assessments

If a student, by using unauthorized aids, tries to mislead during an exam or when a study performance is to be assessed, disciplinary measures may be taken. The term "unauthorized aids" refers to aids that the teacher has not previously specified as permissible aids and that may assist in solving the examination task. This means that all aids not specified as permissible are prohibited. The Swedish version has interpretative precedence in the event of a conflict.

Remarks

Students must register for the courses themselves, or contact HLT:s educational administration eduhlt@ltu.se, not later than three days after the quarter commences. Failure to do so can result in the place being lost. This rule also applies to students with a guaranteed place.

Study guidance is available in the learning platform Canvas before the start of the course. You who are a new student will find all the information you need at www.ltu.se/ny-student. You who are already studying at Luleå University of Technology will find information about course start in the schedule on the student web or through the course room in the learning platform which you can reach at "Mitt LTU".

Course offered by

Department of Health, Education and Technology

Modules

Code	Description	Grade scale	Cr	Status	From period	Title
0011	Qualitative Method - Individual assignment	U G VG *	3.5	Mandatory	A21	
0012	Qualitative Method - Literature review	U G#	1.5	Mandatory	A21	
0013	Quantitative method - Laboratory work	U G#	5	Mandatory	S23	
0014	Quantitative method - Laboratory assignments	U G VG *	5	Mandatory	S23	

Study guidance

Study guidance for the course is to be found in our learning platform Canvas before the course starts. Students applying for single subject courses get more information in the Welcome letter. You will find the learning platform via My LTU.

Last revised

by Anna Öqvist, Director of Undergraduate Studies at the Department of Health, Education and Technology 2022-06-16

Syllabus established

Established 2008-12-04 by the Department of Human Work Sciences.