



LUND
UNIVERSITY

Faculties of Humanities and Theology

**SPVM08, Linguistics and Cognitive Science: Advanced
Research Equipment and Methodology, 7.5 credits**
*Språk- och kognitionsvetenskap: Avancerad forskningsutrustning och
metod, 7,5 högskolepoäng*
Second Cycle / Avancerad nivå

Details of approval

The syllabus was approved by The pro-dean for First-Cycle Studies at the Faculties of Humanities and Theology on 2022-04-07 to be valid from 2022-04-08, autumn semester 2022.

General Information

The course is offered as an elective course in the Master's (120 credits) programme in Language and Linguistics. It can normally be included in a first or second-cycle degree.

Language of instruction: English

The course is normally taught in English, but can also be taught in Swedish, provided there is a special agreement between the lecturer and the students, and that the lecturer and all the students are proficient in Swedish.

Main field of studies

-

Depth of study relative to the degree requirements

A1N, Second cycle, has only first-cycle course/s as entry requirements

Learning outcomes

On completion of the course, the students shall be able to:

Knowledge and understanding

- account for the principles of the selected research equipment and methodology
- explain what the research equipment can be used for

Competence and skills

- formulate a scientific problem and describe the methodology or methodologies that can be used to investigate it
- apply relevant theories in the analysis of data generated by the selected research equipment

Judgement and approach

- evaluate a proposed configuration and foresee potential problems
- evaluate the advantages and limitations of the selected research equipment
- evaluate the ethical aspects of using a certain methodology, a certain material or a certain group of participants in a study

Course content

The course is aimed at students who would like to use the lab equipment covered in the course (e.g. EEG or eye-tracking) in their degree project. In the course, the student will learn the function and use of the relevant equipment and methodology in the Humanities Lab. The student will also learn to apply theories that are relevant for the research topic and to collect and analyse data, as well as discuss different ethical aspects that may be relevant.

Course design

Teaching consists of lectures, laboratory sessions and exercises.

Assessment

The assessment is based on a final written report.

The examiner, in consultation with Disability Support Services, may deviate from the regular form of examination in order to provide a permanently disabled student with a form of examination equivalent to that of a student without a disability.

Subcourses that are part of this course can be found in an appendix at the end of this document.

Grades

Marking scale: Fail, Pass.

Entry requirements

Entry to the course requires a Degree of Bachelor, the course SPVM06 Fundamental Linguistic Methods 7.5 credits or corresponding knowledge, as well as proficiency in English equivalent to English 6.

Further information

The course is produced in collaboration with the Humanities Lab at Lund University.

Subcourses in SPVM08, Linguistics and Cognitive Science: Advanced
Research Equipment and Methodology

Applies from H22

2201 Research Equipment and Methodology, 7,5 hp
Grading scale: Fail, Pass