



Faculty of Social Sciences

PSYP57, Psychology: Advanced Cognitive Neuroscience II, 15 credits

Psychology: Advanced Cognitive Neuroscience II, 15 högskolepoäng
Second Cycle / Avancerad nivå

Details of approval

The syllabus was approved by the board of the Department of Psychology on 2016-11-08 to be valid from 2017-08-28, autumn semester 2017.

General Information

The course is offered as a second-cycle single subject course and can be included in a one- or two year Master's degree in Psychology, or in a study programme according to the programme syllabus.

Language of instruction: English

Main field of studies

Psychology

Depth of study relative to the degree requirements

A1F, Second cycle, has second-cycle course/s as entry requirements

Learning outcomes

On completion of the course student shall demonstrate

Knowledge and understanding

- an in depth knowledge in the area of cognitive neuropsychology that the empirical work concerns

Competence and skills

- an in depth ability to independently identify and formulate questions from a cognitive neuropsychological perspective
- an in depth ability to independently plan, execute and analyze the results from cognitive neuropsychological research

- an in depth ability to independently search for, integrate and use the existing research literature in cognitive neuropsychology
- an in depth ability to independently write a scientific report based on own empirical data according to the rules and norms adapted for international publishing – usually APA format
- an in depth ability to independently report, in English, the results from cognitive neuropsychological research in a popular manner to the general public

Judgement and approach

- an in depth ability to independently and critically use knowledge from cognitive neuropsychology to make judgments with respect to relevant scientific, societal and ethical aspects

Course content

The course aims to provide in-depth knowledge about current theories and research results in the field of cognitive neuropsychology. The course is also intended to provide knowledge about and training in advanced methods for data collection and analysis relevant to research in cognitive neuropsychology. Information from neuro-imaging technology, usually Event-Related Potential (ERP), may be integrated when relevant and feasible. Students are required to prepare and carry out practical investigations related to central topics in cognitive neuropsychology, usually of an experimental nature. The number of experiments carried out may vary, depending on what is deemed adequate. Students are expected to take an active role in designing and developing the investigations.

Course design

The course mainly consists of the design and execution of a scientific project (either an empirical project or a grant proposal), a written report according to APA, and an oral presentation of the project at a final seminar. The project should be clearly related to a current topic within cognitive neuropsychology.

Teaching takes the form of seminars and supervision. Unless there are valid reasons to the contrary, participation in the final seminar is compulsory. Students who have been unable to participate in mandatory components due to circumstances beyond their control, such as accidents or sudden illness will be offered the opportunity to compensate for or re-take compulsory components. This also applies to students who have had to be absent because of duties as an elected student representative. It is the responsibility of the student to contact the course leader in the case of such absence.

Assessment

Assessment is based on the written report and the oral presentation.

Three opportunities for examination are offered in conjunction with the course. Within a year of a major change or termination of the course, at least two further examination opportunities will be offered on the same course content. After that, students will be offered further examination opportunities but in accordance with the current course syllabus.

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

Grades

Marking scale: Fail, E, D, C, B, A.

The grades awarded are A, B, C, D, E or Fail. The highest grade is A, and the lowest passing grade is E. The grade for a non-passing result is Fail.

The student's performance is assessed with reference to the learning outcomes of the course. For the grade of E the student must show acceptable results. For the grade of D the student must show satisfactory results. For the grade of C the student must show good results. For the grade of B the student must show very good results. For the grade of A the student must show excellent results. For the grade of Fail the student has shown unacceptable results.

For compulsory seminars and presentation of group work the grades Pass or Fail are awarded. For the grade of Pass the student must show acceptable results. For the grade of Fail the student has shown unacceptable results.

In order to receive a grade of Pass (at least E) on the course, students must receive a grade of at least E on all subcourses and the grade of Pass on all compulsory Components.

At the start of the course students are informed about the learning outcomes stated in the syllabus and about the grading scale and how it is applied in the course

Entry requirements

To be eligible for admission, students must have 150 higher education credits, including PSYK11 Psychology: Bachelor Degree Course, 30 higher education credits and PSYP54 Advanced Cognition and Neuropsychology I, 15 higher education credits. Equivalent studies at another university, including research methods and statistics can also qualify the student for admission.

A good command of the English language, both spoken and written, equivalent to English 6/B (advanced) proficiency in the Swedish secondary system, is required. Equivalence assessments will be made according to national guidelines.

Subcourses in PSYP57, Psychology: Advanced Cognitive Neuroscience II

Applies from H17

1601 Psychology: Advanced Cognitive Neuroscience II, 15,0 hp
Grading scale: Fail, E, D, C, B, A