

**PSYP54, Psychology: Advanced Cognition and  
Neuropsychology I, 15 credits**

*Psychology: Advanced Cognition and Neuropsychology I, 15  
högskolepoäng*  
Second Cycle / Avancerad nivå

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### Details of approval

The syllabus is an old version, approved by the board of the Department of Psychology on 2013-03-23 and was valid from 2013-08-28, autumn semester 2013.

### 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*

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

### Learning outcomes

On completion of the course the student shall

### Knowledge and understanding

- demonstrate an in depth knowledge about the psychological aspects of the field of cognitive neuroscience, such as attention, cognitive control and decision making
- demonstrate an in depth knowledge about the theories of cognitive neuropsychology relating to emotion and social interaction, language, and memory.

- demonstrate an in depth knowledge about the theories of cognitive neuropsychology relating to language
- demonstrate an in depth knowledge about the theories of cognitive neuropsychology relating to memory
- demonstrate an in depth knowledge about the principles behind neuropsychological methods, such as brain-imaging technology and how these methods relate to other areas of knowledge.

### **Competence and skills**

- demonstrate an in depth ability to independently identify and formulate advanced questions related to current research topics in the field of cognitive neuropsychology
- demonstrate an in depth ability to independently apply theories of cognitive neuropsychology in a critical manner to the understanding of relevant everyday phenomena
- demonstrate an in depth ability to independently study and integrate scientific information in the field of cognitive neuropsychology

### **Judgement and approach**

- demonstrate an in depth ability to independently and critically assess methods of investigation and independently carry out and evaluate basic investigations in the field of cognitive neuropsychology
- demonstrate an in depth ability to independently locate and evaluate scientific information in the field of cognitive neuropsychology

### **Course content**

This course covers classic areas of study within neuropsychology such as memory, language and executive functions and how these interact in everyday situations, as well as methods within cognitive neuropsychology such as brain-imaging technology. The understanding of normal functioning is the primary focus of the course, but clinical examples are also used, as normal functioning can often be better understood through these examples. The multidisciplinary nature of the subject is emphasised throughout the course.

### **Course design**

Teaching is mainly in the form of lectures and seminars. Unless there are valid reasons to the contrary, participation in the seminars is compulsory, as they require the active participation of students. Students who have been unable to participate in seminars 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 written examinations. 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.

Högsta betyg betecknas med A och lägsta betyg för godkänt resultat med E. Betyg för icke godkänt resultat betecknas med Underkänd.

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 must have shown unacceptable results.

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. 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 PSYP54, Psychology: Advanced Cognition and Neuropsychology I

Applies from H13

1301 Advanced Cognition and Neuropsychology, 15,0 hp  
Grading scale: Fail, E, D, C, B, A