Syllabus for course at first level

Neuropsychology and Cognition

Neuropsykologi och kognition

18 Higher Education Credits

18 ECTS credits

Course code: PSYY02
Valid from: Autumn 2008
Date of approval: 2007-05-29
Updated: 2008-05-20
Department: Department of Psychology
Subject: Psychology

Decision

Ratified by the Board of the Psychology Department, Stockholm University; 29-05-2007, revised 20-05-2008. The syllabus is valid from the beginning of the autumn term 2008.

Prerequisites and special admittance requirements

Students must be enrolled on the Psychologist Program.

The course will be run over terms 1 and 2. For admission to term 2 (course component 2.2) students must have completed all course demands and obtained at least 75% of course points from term 1.

If special reason exists exempt may be given by the Board of the Psychology Department.

Course structure

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<td>0201</td>
<td>Neuropsychology and cognition I</td>
<td>10.5</td>
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Course content

2.1 Neuropsychology and cognition I, 10.5 credits

Neuropsychology and cognition concerns theories and empirical evidence in the fields of perception, cognition, memory, awareness, thought processes (language and other representations), emotion and cognition, problem solving and social aspects of cognition. This module also includes statistics and research methodology (1.5 credits).

2.2 Neuropsychology and cognition II, 7.5 credits

Neuropsychology and cognition II addresses and concentrates further on key concepts, theories and methods in neuropsychology and cognition. This course component tackles issues surrounding the biological basis of mental functioning. The following areas will be addressed: the nervous system and functioning, including functional neuroanatomy, nervous system and development from a lifelong perspective, perception and motor skills, cognitive neuropsychology (learning, memory, awareness, thought processes) regulatory functions (biological rhythms, homeostasis) emotions and mental disorders. In addition, this module will include an orientation to
clinical neuropsychology, neuropsychological development, psychopharmacology, and physiological measurement, together with methods in neuropsychological and cognitive treatment. This module will also include statistics and research methodology (1.5 credits).

**Learning outcomes**
On completing this course a student will be able to

- Explain key concepts, theories and practices in cognitive neuropsychology.
- Search and assimilate scientific articles in cognitive neuropsychology.
- Provide examples of applications, and know how to apply cognitive and neuropsychological theories in the form of laboratory experiments.
- Discuss, analyse, compare, and evaluate certain theories of cognition and neuropsychology.

**Education**
Attendance in certain tutorials is obligatory. The precise form of tuition and course demands (obligatory exercises and assignments) will be specified in the respective course directives.

Students are also required to act as a participants in course related laboratory tasks and exercises.

**Forms of examination**
Assessment will be by way of individual written work and viva voce examination of written assignments and group-works. More precise details will be provided in the instructions for the module.

A seven point grading scheme (A to F) will be used to grade each course component. The final grade for the whole course will comprise a weighted average of the grades obtained for each module.

For students that do not pass on the ordinary test occasions, further examination may be arranged in close proximity to the former examination. Students that do not pass after two attempts, on some of the course components, have the right to request a different tutor be appointed to grade the module. This request can be made to the Department Board.

**Additional information**
This course cannot be read as an independent course.

**Required reading**
The literature used on the course will be decided by the Department Board. At present, the actual literature is:

2.1 Neuropsychology and cognition I, 10.5 credits


2.2 Neuropsychology and cognition II, 7.5 credits

