1 Name, Scope and Level of the Course

The course is provided by the University of Skövde and is named Central Topics in Cognitive Neuroscience G1F. It comprises 7.5 credits and is on basic level. The level of progression of the course is G1F.

2 Objectives

After completed course the student should be able to:

- describe, explain, and compare the neural basis of various cognitive functions, such as sensation and perception, attention, memory, emotion, executive functions, social cognition, etc., and identify deficits in various cognitive functions and their neural basis, and

- apply the various concepts, theories, and research findings covered during the course in a written assignment.

3 Course Content

This course contains an overview of some of the most important and central topics in cognitive neuroscience. It focuses on such topics as sensation and perception, attention, memory, emotion, executive functions, social cognition, etc. Each topic includes a description of underlying neural mechanisms, as well as discussion of possible relevant deficits.

4 Forms of Teaching

The teaching comprises lectures and seminars.

The teaching is conducted in English.

5 Examination

The course is graded A (Excellent), B (Very good), C (Good), D (Satisfactory), E (Sufficient) or F (Fail).

Registration of examination results:

<table>
<thead>
<tr>
<th>Name of examination</th>
<th>Credits</th>
<th>Grading</th>
</tr>
</thead>
<tbody>
<tr>
<td>Supervised examination</td>
<td>6 credits</td>
<td>A/B/C/D/E/F</td>
</tr>
<tr>
<td>Written assignment</td>
<td>1.5 credits</td>
<td>G/U</td>
</tr>
</tbody>
</table>

1 Determines the final grade of the course.

Students with a permanent disability who have been approved for special educational support may be offered adapted or alternative examinations.

6 Admission Requirements

Admission to the course requires passed courses worth 30 credits in the main field of cognitive neuroscience, including the courses KU135G Psychology from a Cognitive Neuroscience Perspective G1N, KU136G Basic Neuroscience G1N and KU130G Neuropsychology of Consciousness G1N (or equivalent).

7 Subject, Main Field of Study and Disciplinary Domain

The course forms a part of the academic subject area of Cognitive Neuroscience. The course is a part of the main field of study in Cognitive Neuroscience at the University of Skövde. The disciplinary domain of the course is Natural Sciences.

Every course at the University of Skövde belongs to
a subject. The division of subjects is used for follow-up and quality assurance. A main field of study is an area in which a degree can be awarded. Disciplinary domain is a division which is used by the government for the allocation of resources for studies at basic level and advanced level.

8 Approval of Course and Course Syllabus
The course was approved by the Curriculum Committee for Bioscience on 28 November 2019. This course syllabus was approved by the Curriculum Committee for Bioscience on 27 February 2020. It is valid from 1 July 2020 and replaces the course syllabus approved 28 November 2019.

9 Overlapping with Another Course
This course cannot constitute a part of a degree also containing a course the content of which is totally or partly equivalent to the content of this course.

10 Additional Information
Further information will be available on the university’s website before a course is given.

11 Course Literature and Other Educational Materials

Scientific articles and other relevant materials may be added according to the teacher’s instructions.

National and local regulations for higher education are available on the university’s website.

Upon completion of the course there will be a follow-up. The main purpose of this follow-up is to contribute to improvements of the course. The students’ experiences and views constitute one of the criteria for the follow-up and are gathered by means of course evaluations. The students will be informed of the results of the follow-up and any decisions regarding actions that are to be taken.