UNIVERSITY OF SKÖVDE

COURSE SYLLABUS

Central Topics in Cognitive Neuroscience I G1F

7.5 credits

Course code: KU343G
Version number: 3
Valid from: 1 July 2023
Ratified by: Curriculum Committee for Bioscience
Date of ratification: 26 January 2023

1. General information about the course

The course is provided by the University of Skövde and is named Central Topics in Cognitive Neuroscience I G1F (Centrala områden i kognitiv neurovetenskap I G1F). It comprises 7.5 credits and is a first-cycle course. The level of progression is G1F.

The course is a part of the main field of study in Cognitive Neuroscience. The disciplinary domain of the course is Natural Sciences.

2. Entry 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 and KU136G Basic Neuroscience G1N (or the equivalent).

3. Course content

This course contains an overview of some of the more important and central topics in cognitive neuroscience, with a focus on sensory and motor functions. It also trains the students' ability to interpret experimental data and compile the results in shorter scientific reports, as well as developing their oral scientific presentation skills.

4. Objectives

After completed course the student should be able to:

- describe, explain, and compare the neural bases of various cognitive functions, such as perception and action,
- compose shorter scientific reports based on data collection in practical experiments, and
- give an oral presentation on an assigned topic.

5. Examination

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

The examinations of the course consist of the following modes of assessment:

- **Individual written assignments**
  4 credits, grades: A/B/C/D/E/F (determines the final grade)
- **Oral presentation**
  1 credit, grades: G/U
- **Reports**
  2.5 credits, grades: G/U

Students with a permanent disability who have been approved for directed educational support may be offered adapted modes of assessment.

6. Types of instruction and language of instruction

The teaching comprises lectures, seminars and

workshops.

The teaching is conducted in English.

7. Course literature and other educational materials

Gazzaniga, M. S., Ivry, R. B., & Mangun, G. R. (2019). *Cognitive neuroscience: The biology of the mind* (5th ed.). New York: W. W. Norton & Company. ISBN 9780393603170.

Graff, G., & Birkenstein, C. (2018). *They say / I say: The moves that matter in academic writing* (4th ed.). New York: W. W. Norton & Company. ISBN 9780393631678.

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

8. Student influence

Student influence in the course is ensured by means of course evaluation. The students are informed about the results of the evaluation and potential measures that have been taken or are planned, based on the course evaluation.

9. Additional information

Further information about the course, as well as national and local governing documents for higher education, is available on the website of the University of Skövde.