UNIVERSITY OF SKÖVDE

TRANSLATION FROM SWEDISH

PROGRAMME SYLLABUS

Cognitive Neuroscience: Mind and Brain - Master's Programme

60 credits

Programme code: MEDHA
Version number: 9.1
Valid from: Autumn term 2026
Ratified by: Curriculum Committee for Bioscience
Date of ratification: 22 May 2025

1. General information about the study programme

The study programme is provided by the University of Skövde and is named Cognitive Neuroscience: Mind and Brain - Master's Programme (Kognitiv neurovetenskap: Medvetandet och hjärnan - magisterprogram). It comprises 60 credits and is a second-cycle programme. The main field of study is Cognitive Neuroscience.

2. Entry requirements

Admission requires at least a Bachelor's Degree (equivalent to a Swedish Bachelor's Degree) in Cognitive Neuroscience or equivalent.

A further requirement is proof of skills in English, equivalent of studies at upper secondary level in Sweden, known as English 6 or English level 2. This is normally demonstrated by means of an internationally recognized test, e.g., IELTS, TOEFL, or an equivalent.

The entry requirements above are applicable for admission to the study programme. For further studies within the programme, the entry requirements for each course must be met. These entry requirements are specified in each separate course syllabus.

3. Study programme content

The program consists of advanced studies within cognitive neuroscience. It provides the students with both a theoretical and a practical foundation for cognitive neuroscientific research, and related practices, partly through a broad overview of the topic, and partly through more specific knowledge within consciousness research.

The following courses are included in the Programme:

Cognitive Neuroscience: Research Practice A1N, 7.5 credits

Consciousness and Its Neural Basis A1N 7.5 credits

Research Methods and Data Processing in Cognitive Neuroscience A1N, 7.5 credits

Seminars in Cognitive Neuroscience A1N, 7.5 credits

Master Degree Project in Cognitive Neuroscience A1E, 30 credits

4. General objectives

Objectives for education at the second-cycle level in The Higher Education Act

Second-cycle courses and study programmes shall involve the acquisition of specialist knowledge, competence and skills in relation to first-cycle courses and study programmes, and in addition to the requirements for first-cycle courses and study programmes shall:

- further develop the ability of students to integrate and make autonomous use of their knowledge,
- develop the students' ability to deal with complex phenomena, issues and situations, and
- develop the students' potential for professional activities that demand considerable autonomy, or for research and development work.

5. Study programme objectives

Objectives for Master's Degree according to the Higher Education Ordinance

Knowledge and Understanding
For a Master's Degree a student shall

- demonstrate knowledge and understanding within the main area of education, including broad knowledge of the area generally, considerable in-depth knowledge of specific parts of the area and deeper insight into current research and development, and
- demonstrate in-depth knowledge of methodology within the main area of education.

Proficiency and Ability
For a Master's Degree a student shall

- demonstrate an ability to critically and systematically integrate knowledge and analyse, assess and manage complex phenomena, questions and situations even with limited information,
- demonstrate an ability to independently identify and formulate questions as well as to plan and, using adequate methods, carry out advanced assignments within specified time limits,
- demonstrate an ability to, orally and in writing, account for and discuss their conclusions and the knowledge and arguments these are based on in dialogue with different groups, and
- demonstrate the proficiency required to participate in research and development in other advanced activity.

Ability to Evaluate and Relate
For the Master's Degree a student shall

- demonstrate an ability, within the main area of education, to make assessments in accordance with relevant scientific, societal and ethical aspects as well as showing awareness of ethical aspects of research and development,
- demonstrate insight into the possibilities and limitations of research, its role in society and people's responsibility for how it is used, and
- demonstrate an ability to identify any need for further knowledge, and to take responsibility for their own learning.

Local objective for the study programme at the University of Skövde

After completion of the programme the student shall

- demonstrate the ability to, within the primary topic, discuss and critique issues surrounding digitalization for sustainable development.

6. Language of instruction

The teaching is conducted in English.

7. Degree qualification

Those who complete the Programme courses with a passing grade also comply with the requirements for the Degree of Master of Science (60 credits) with a major in Cognitive Neuroscience.

Degree certificates are issued after application. Information about how to submit an application can be found on the website of the University of Skövde.

8. Changes to the programme syllabus

The programme syllabus and its courses may be changed, within the framework of the objectives for the study programme.

9. Student influence

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

10. Additional information

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