

COURSE DETAIL

COGNITIVE NEUROSCIENCE: HIGHER COGNITIVE FUNCTIONS

Country

Sweden

Host Institution

Lund University

Program(s)

Lund University

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Psychology

UCEAP Course Number

130

UCEAP Course Suffix

B

UCEAP Official Title

COGNITIVE NEUROSCIENCE: HIGHER COGNITIVE FUNCTIONS

UCEAP Transcript Title

COGN NEUROPSY:FUNCT

UCEAP Quarter Units

12.00

UCEAP Semester Units

Course Description

Through theoretical studies and practical exercises, the course conveys knowledge about the structure and function of the brain and key areas of modern cognitive neuroscience, such as attention, memory, language, and cognitive control, as well as emotions and social interaction. The understanding of normal function is the primary focus of the course, but clinical examples are also used as they provide substantial illustrations of normal functioning. Furthermore, the course provides knowledge about relevant research methods within the area, and major emphasis is placed on the interdisciplinary nature of the subject. This module has two parallel components, the first theoretical and the second laboratory. In the theory section, the focus is on higher cognitive functions, such as, attention and cognitive control, memory, language, social interaction, problem-solving, and thinking and decision-making. Furthermore, the module communicates knowledge about the neurocognitive basis of emotion and how cognitive function is influenced by emotion. The module also introduces different types of brain damages and psychoorganic syndrome. In the laboratory, train important skills for conduction of empirical studies in cognitive neuroscience, including reporting of the results in accordance with the international norms for publication in the psychology.

Language(s) of Instruction

English

Host Institution Course Number

PSYD54/B

Host Institution Course Title

COGNITIVE NEUROSCIENCE: HIGHER COGNITIVE FUNCTIONS

Host Institution Course Details<https://kursplaner.lu.se/pdf/kurs/en/PSYD54>**Host Institution Campus**

Lund

Host Institution Faculty

Social Sciences

Host Institution Degree

Host Institution Department

Course Last Reviewed

2025-2026

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