

COURSE DETAIL

COGNITIVE NEUROSCIENCE: INTRODUCTION TO BRAIN FUNCTION

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

A

UCEAP Official Title

COGNITIVE NEUROSCIENCE: INTRODUCTION TO BRAIN FUNCTION

UCEAP Transcript Title

COGN NEUROPSY:BRAIN

UCEAP Quarter Units

8.00

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 provides basic knowledge of neuroanatomy, brain development change, cellular function and communication, and basic brain functions, such as sensory processing, perception, motor function and motivation. Furthermore, important methods to study cognitive functions and mental processes (e.g. response times, accuracy) and to study the activity of the brain and functional anatomy (e.g. lesion and patient data, brain imaging methods) are described.

Language(s) of Instruction

English

Host Institution Course Number

PSYD54/A

Host Institution Course Title

COGNITIVE NEUROSCIENCE: INTRODUCTION TO BRAIN FUNCTION

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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