

COURSE DETAIL

COGNITIVE NEUROSCIENCE II

Country

Netherlands

Host Institution

Utrecht University - University College Utrecht

Program(s)

University College Utrecht

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Psychology Biological Sciences

UCEAP Course Number

115

UCEAP Course Suffix**UCEAP Official Title**

COGNITIVE NEUROSCIENCE II

UCEAP Transcript Title

COGNITIV NEUROSCI II

UCEAP Quarter Units

6.00

UCEAP Semester Units

4.00

Course Description

Cognitive neuroscience is the study of the functional architecture of the brain. While cognitive science has traditionally restricted itself to describing human and animal behavior at the functional level, neuroscience has focused on the understanding of biological processes and neuroanatomical substrates. As the brain is such a complex organ, cognitive neuroscience is inherently multi-disciplinary. Therefore, the course works towards an integrated understanding of information theory, cognition, neurobiology, and anatomy. This course provides in-depth coverage of two main research areas in cognitive neuroscience: perception and higher cognition. The course examines the neurobiological aspects of human behavior by focusing on neurological patients, non-invasive brain imaging techniques, and animal models where the underlying neurobiology is better understood than in humans.

Language(s) of Instruction

English

Host Institution Course Number

UCSCICOG21

Host Institution Course Title

COGNITIVE NEUROSCIENCE II

Host Institution Course Details

<https://cursusplanner.uu.nl/course/UCSCICOG21/2017/SEM1>

Host Institution Campus

University College Utrecht

Host Institution Faculty

Faculty of Science

Host Institution Degree

Host Institution Department

COGNITIVE SCIENCE

Course Last Reviewed

2022-2023

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