

COURSE DETAIL

COGNITIVE NEUROSCIENCE

Country

Netherlands

Host Institution

Utrecht University

Program(s)

Utrecht University

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Psychology Biological Sciences

UCEAP Course Number

114

UCEAP Course Suffix**UCEAP Official Title**

COGNITIVE NEUROSCIENCE

UCEAP Transcript Title

COGNIT NEUROSCIENCE

UCEAP Quarter Units

6.00

UCEAP Semester Units

4.00

Course Description

This course examines how mental processes are produced by the human brain, specifically addressing such topics as attention, memory, executive functions, emotion, control of human locomotion, and their interrelationships. Special attention is given to networks of neurons or brain areas in which the integrated functions are implemented, and the methods used to examine them. Therefore the course starts with a detailed examination of cognitive neuroscience techniques such as functional magnetic resonance imaging (fMRI) and event-related potentials (ERP). Prerequisites for this course include knowledge of brain function and the biological foundations of behavior.

Language(s) of Instruction

English

Host Institution Course Number

200300074

Host Institution Course Title

COGNITIVE NEUROSCIENCE

Host Institution Campus

Utrecht University

Host Institution Faculty

Social and Behavioral Sciences

Host Institution Degree

Host Institution Department

Psychology

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