

## 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 Course Details

<https://osiris-student.uu.nl/onderwijscatalogus/extern/cursus>

## Host Institution Campus

Utrecht University

## Host Institution Faculty

Social and Behavioral Sciences

## Host Institution Degree

## Host Institution Department

Psychology

## Course Last Reviewed

2024-2025

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