

# 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**

COGNTIV 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 Campus

University College Utrecht

### Host Institution Faculty

Faculty of Science

### Host Institution Degree

### Host Institution Department

COGNITIVE SCIENCE

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