# COURSE DETAIL

## COGNITIVE NEUROSCIENCE I

**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**
114

**UCEAP Course Suffix**

**UCEAP Official Title**
COGNITIVE NEUROSCIENCE I

**UCEAP Transcript Title**
COGNTIV NEUROSCI I

**UCEAP Quarter Units**
6.00

**UCEAP Semester Units**
4.00

**Course Description**

Cognitive Neuroscience I is an introduction to this field, studying the physiology and anatomy of the brain, the functional anatomy of cognitive functions, and the experimental toolkit of cognitive neuroscience (ranging from reaction-time tests to functional MRI). The results of recent research into perception, attention, learning and memory, and language, and their neurological underpinnings are also looked at. Throughout the course, special attention is given to dysfunctions of cognitive functioning resulting from brain damage. This course covers the following topics: the basic functions of the brain and neurophysiological processes underlying various mental faculties; how neurocognitive research is conducted, particularly how behavioral and neurocognitive research methods are used as complementary means to the same end; and current issues in neurocognitive research. Prerequisites for the course: this course puts considerable weight on anatomy and physiology of the brain and on molecular processes underlying the function of the nervous system; knowledge of biology at the high school level is recommended.

**Language(s) of Instruction**
English

**Host Institution Course Number**
UCSCICOG11

**Host Institution Course Title**
COGNITIVE NEUROSCIENCE I

**Host Institution Course Details**
https://www.osiris.universiteitutrecht.nl/osistu_ospr/OnderwijsCatalogusSelect...

**Host Institution Campus**
Science

**Host Institution Faculty**

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| **Host Institution Degree** |
| **Host Institution Department**<br>Cognitive Science |
| **Course Last Reviewed**<br>2021-2022 |

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