

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

COGNITIV 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 Campus

Science

Host Institution Faculty

Host Institution Degree

Host Institution Department

Cognitive Science

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