

COURSE DETAIL

COGNITIVE NEUROSCIENCE

Country

United Kingdom - England

Host Institution

University of Sussex

Program(s)

University of Sussex

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Psychology

UCEAP Course Number

109

UCEAP Course Suffix**UCEAP Official Title**

COGNITIVE NEUROSCIENCE

UCEAP Transcript Title

COGNITIVE NEUROSCI

UCEAP Quarter Units

6.00

UCEAP Semester Units

4.00

Course Description

This course explores how research in cognitive neuroscience has informed the understanding of cognitive processes in the brain. The course draws evidence from a wide variety of methods including case studies of brain-damaged individuals, electrical recordings of brainwaves (EEG), and neuroimaging using fMRI to examine the organization of cognition in the living human brain. Following a discussion of the above primary methods, the remaining lectures are organized around a series of different cognitive processes such as recognizing objects and faces, space and action, memory and amnesia, brain development, the musical brain, executive control of behavior, and understanding numbers.

Language(s) of Instruction

English

Host Institution Course Number

C8517

Host Institution Course Title

COGNITIVE NEUROSCIENCE

Host Institution Campus

University of Sussex

Host Institution Faculty

Host Institution Degree

Host Institution Department

School of Psychology

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