

COURSE DETAIL

HOW THE BRAIN WORKS AND HOW THINGS CAN GO WRONG

Country

United Kingdom - England

Host Institution

University College London

Program(s)

Summer at University College London

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Biological Sciences

UCEAP Course Number

102

UCEAP Course Suffix

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UCEAP Official Title

HOW THE BRAIN WORKS AND HOW THINGS CAN GO WRONG

UCEAP Transcript Title

HOW THE BRAIN WORKS

UCEAP Quarter Units

6.00

UCEAP Semester Units

4.00

Course Description

This course looks at what we know about healthy brains - how the brain is structured, the different types of brain cells, localization of function and neurochemistry of different brain areas, communication within the brain, and how we investigate it. It also looks at dysfunction in relation to vision, hearing, movement, memory, thinking, emotion, and behavior. Students learn about the world class research that takes place within the UCL Faculty of Brain Sciences and its constituent parts: the Division of Psychology and Language Sciences, the Division of Psychiatry, the Institutes of Ophthalmology and Neurology and the Ear Institute.

Language(s) of Instruction

English

Host Institution Course Number

ISSU0065

Host Institution Course Title

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Host Institution Course Details

<https://www.ucl.ac.uk/prospective-students/summer-school/modules/how-the-brain-...>

Host Institution Campus

Host Institution Faculty

Faculty of Brain Sciences

Host Institution Degree

Host Institution Department

Course Last Reviewed

2025-2026

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