

COURSE DETAIL

COGNITIVE NEUROSCIENCE

Country

Korea, South

Host Institution

Korea Advanced Institute of Science and Technology (KAIST)

Program(s)

Korea Advanced Institute of Science and Technology, KAIST

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Psychology Biological Sciences

UCEAP Course Number

136

UCEAP Course Suffix

UCEAP Official Title

COGNITIVE NEUROSCIENCE

UCEAP Transcript Title

COGNITIVE NEUROSCI

UCEAP Quarter Units

4.50

UCEAP Semester Units

3.00

Course Description

This course is intended for undergraduate students in the Department of Brain and Cognitive Sciences who have some background knowledge in Neurobiology and Behavioral science. This class covers the basics of cognitive neuroscience. Cognitive Neuroscience is a subfield of neuroscience that examines behavioral and neurobiological foundations underlying cognitive functions including perception, movement, attention, learning and memory, emotion, language, decision-making, and social cognition.

Students will explore the methodology of cognitive neuroscience and its applications to investigation of human behavior and decision. The course focuses on 8 major functions of the brain: Perception, Movement, Attention, Emotion, Memory, Executive functions, Decision-making, Social cognition. Students are expected to actively participate in questions and answers, debates, and discussions during class.

Language(s) of Instruction

English

Host Institution Course Number

BCS221

Host Institution Course Title

COGNITIVE NEUROSCIENCE

Host Institution Course Details

<https://erp.kaist.ac.kr/com/lgin/SsoCtr/initExtPageWork.do?link=estblSubjt>

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Course Last Reviewed

2025-2026

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