

COURSE DETAIL

LEARNING AND MEMORY IN THE BRAIN

Country

China

Host Institution

Peking University, Beijing

Program(s)

Peking University

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Biological Sciences

UCEAP Course Number

127

UCEAP Course Suffix**UCEAP Official Title**

LEARNING AND MEMORY IN THE BRAIN

UCEAP Transcript Title

LEARN&MEMORY: BRAIN

UCEAP Quarter Units

3.00

UCEAP Semester Units

2.00

Course Description

This course systematically introduces the learning and memory, helping students understand research methods in neuroscience, the process of learning, the memory formation, the role of different brain regions involved in learning and memory, changes in brain structure and functional connections during learning and memory, the cellular and molecular basis of learning and memory, and brain diseases that affect learning and memory. We will discuss the recent scientific progress of neurobiology related with learning and memory, study the literature to explain the background, purpose, process, results, discussion, reference, in order to help students to understand the neuroscience research, help students improve their ability to perform independently experimental designing, literature exploring and logical thinking, and motivate students' interest in neuroscience.

Language(s) of Instruction

Chinese

Host Institution Course Number

01137013

Host Institution Course Title

LEARNING AND MEMORY IN THE BRAIN

Host Institution Course Details

<https://dean.pku.edu.cn/service/web/courseSearchEn.php>

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Course Last Reviewed

2025-2026

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