COURSE DETAIL

SYNAPTIC COMMUNICATION

Country
United Kingdom - England

Host Institution
University of Sussex

Program(s)
University of Sussex

UCEAP Course Level
Upper Division

UCEAP Subject Area(s)
Biological Sciences

UCEAP Course Number
165

UCEAP Course Suffix
N

UCEAP Official Title
SYNAPTIC COMMUNICATION

UCEAP Transcript Title
SYNAPTIC COMMUNCATN

UCEAP Quarter Units
6.00

UCEAP Semester Units

4.00

Course Description

This course explores neuronal signaling in vertebrates and invertebrates. Students gain an in-depth understanding of chemical synaptic transmission. Students look at the processes involved in synaptic plasticity and its role in learning, memory and the regulation of behaviors. Students also explore sensory transduction and how the nervous system acquires and integrates information from the environment. There is a particular focus on vision, hearing, and pain. Throughout the course, students learn about the experimental approaches that have contributed to our understanding. Students develop analytical, presentation, and teamwork skills through formative group presentations of published research.

Language(s) of Instruction
English

Host Institution Course Number
C1120

Host Institution Course Title
SYNAPTIC COMMUNICATION

Host Institution Course Details
https://www.sussex.ac.uk/study/modules/undergraduate/2025/94383-synaptic-commun...

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department
Life Sciences

Course Last Reviewed

2025-2026

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