

COURSE DETAIL

NEUROSCIENCE

Country

Australia

Host Institution

University of Sydney

Program(s)

University of Sydney,Summer at University of Sydney

UCEAP Course Level

Lower Division

UCEAP Subject Area(s)

Psychology

UCEAP Course Number

17

UCEAP Course Suffix**UCEAP Official Title**

NEUROSCIENCE

UCEAP Transcript Title

NEUROSCIENCE

UCEAP Quarter Units

6.00

UCEAP Semester Units

4.00

Course Description

This course examines fundamental concepts of nervous system organization and function. Anatomy of the brain and spinal cord is studied using models to understand the cortical and subcortical pathways as well as integrating centers that control movements and posture. The physiology component introduces students to mechanisms of signal generation and transmission, basic mechanisms of spinal reflexes, the function of the sensory systems and autonomic nervous system and motor pathways.

Language(s) of Instruction

English

Host Institution Course Number

BIOS1171

Host Institution Course Title

NEUROSCIENCE

Host Institution Course Details

<https://www.sydney.edu.au/units/BIOS1171>

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Course Last Reviewed

2024-2025

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