

## 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 Campus

### Host Institution Faculty

### Host Institution Degree

### Host Institution Department

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