

# COURSE DETAIL

## FOUNDATIONS OF NEUROSCIENCE I

**Country**

Hong Kong

**Host Institution**

University of Hong Kong

**Program(s)**

University of Hong Kong

**UCEAP Course Level**

Upper Division

**UCEAP Subject Area(s)**

Psychology

**UCEAP Course Number**

108

**UCEAP Course Suffix****UCEAP Official Title**

FOUNDATIONS OF NEUROSCIENCE I

**UCEAP Transcript Title**

NEUROSCIENCE

**UCEAP Quarter Units**

5.00

**UCEAP Semester Units**

3.30

**Course Description**

This course covers the fundamental principles of neuroscience. Topics include history of neuroscience, neurons and glia, neuronal membrane at rest, action potential, synaptic transmission, neuroanatomy, the somatic sensory system, chemical senses: taste and smell, the auditory system, vision and the eye, vision and the brain, spinal control of movement, brain control of movement, chemical control of the brain and behavior, development in the nervous system, memory systems, learning and memory: molecular biology, emotion and attention.

**Language(s) of Instruction**

English

**Host Institution Course Number**

PSYC2101

**Host Institution Course Title**

FOUNDATIONS OF NEUROSCIENCE I

**Host Institution Course Details****Host Institution Campus****Host Institution Faculty****Host Institution Degree****Host Institution Department**

Psychology

**Course Last Reviewed**

2024-2025

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