

COURSE DETAIL

NEUROBIOLOGY

Country

Sweden

Host Institution

Lund University

Program(s)

Lund University

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Biological Sciences

UCEAP Course Number

168

UCEAP Course Suffix**UCEAP Official Title**

NEUROBIOLOGY

UCEAP Transcript Title

NEUROBIOLOGY

UCEAP Quarter Units

12.00

UCEAP Semester Units

8.00

Course Description

This course provides a thorough introduction to animal and human nervous systems, their important parts and their function and role in behavior, learning, and cognition. Topics include cell biology of neurons, coding in neurons by means of electrical potentials, synapse and neurotransmitter function; nervous systems and their properties; output systems and behavior which includes the control of motor systems, reflexes, neural pattern generators and the basis of behavior, learning, memory and cognition. Four practicals and one computer exercise deal with neuroanatomy, neurophysiology and behavior. In a journal club, each student presents a scientific paper for discussion.

Language(s) of Instruction

English

Host Institution Course Number

BIOR58

Host Institution Course Title

NEUROBIOLOGY

Host Institution Campus

Lund

Host Institution Faculty

Science

Host Institution Degree

Host Institution Department

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