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 Course Details
https://www.biologyeducation.lu.se/education/courses/advanced-level-courses/neu…

Host Institution Campus
Lund

Host Institution Faculty
Science

Host Institution Degree

Host Institution Department

Course Last Reviewed

2024-2025

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