

COURSE DETAIL

NEUROSCIENCE OF SIMPLE LEARNING

Country

Canada

Host Institution

University of British Columbia

Program(s)

University of British Columbia

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Psychology

UCEAP Course Number

112

UCEAP Course Suffix**UCEAP Official Title**

NEUROSCIENCE OF SIMPLE LEARNING

UCEAP Transcript Title

NEUROSCI: LEARNING

UCEAP Quarter Units

6.00

UCEAP Semester Units

4.00

Course Description

This course offers a study of the basic principles of learning and the neural mechanisms underlying simple forms of learning. The course covers the topic learning in a variety of ways: theoretical analyses, experimental research using animals, experimental research using humans, applications of research to daily problems, behavioral approaches, cognitive approaches, and physiological approaches. The course consists of lectures and materials including assigned text, lecture notes, and readings posted on connect. The course examines different kinds of simple learning in a range of invertebrate and vertebrate organisms, a history of learning theory and an appreciation of the biological foundations of learning and memory, as well as how the simple kinds of learning we study can be applied to daily life. Students discuss topics including basic theories of non-associative learning, classical and operant conditioning, and experimental findings from behavioral and biological analyses with animals and humans.

Language(s) of Instruction

English

Host Institution Course Number

PSYC 363

Host Institution Course Title

NEUROSCIENCE OF SIMPLE LEARNING

Host Institution Course Details

Host Institution Campus

ARTS

Host Institution Faculty

Host Institution Degree

Host Institution Department

Psychology

Course Last Reviewed

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