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 basics 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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