

## 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 Campus

ARTS

## Host Institution Faculty

## Host Institution Degree

## Host Institution Department

Psychology

[Print](#)