

BIOLOGY 448/ 516–NEUROETHOLOGY
CRN 10434/ 13705

Fall 2020

Department of Biology, University of Victoria

Course Description

Examination of the neural basis of behaviour. Insights into the neuronal organization of behaviour through examination of neural solutions that have evolved in animals to solve problems encountered in their particular environments. Examples in individual species will be used to illustrate how neuronal systems integrate information to shape behaviour in a real world context. Research papers and seminar presentations based on the primary literature will be emphasized.

Instructor

Planned Lecture Topics

Communication using Pheromones

Cephalopod behaviour, chemosensation and mechanoreception, and learning

Mechanoreception in the Blind Mole

Neuroethology of Cricket Song

Echolocation in Bats

Academic Regulations and Policies

Please read the appropriate section of the current UVic Academic Calendar regarding your rights and obligations. It is your responsibility to check your records and registration status to meet the ADD/DROP dates from the UVic calendar. You will not be dropped automatically from the course if you do not attend.

Important dates

On the UVic website you will find a fuller list of important dates, but these we have listed below are the ones that will matter to students in Biology 448 and to students wishing to add the course this term.

Wednesday, September 9	First day of classes
Thursday September 7	First day of tutorials in Biology 448
Tuesday, September 22	Last day for 100% reduction of tuition fees for standard-fee and full-year courses
Friday, September 25	Last day for adding classes
Thursday, October 01	Tutorial paper 1 due
Monday, October 12	Thanksgiving Day
Tuesday, October 13	Last day for 50% reduction in tuition fees for standard courses; 100% of tuition fees will be assessed for courses dropped after this date
Monday, October 19	Biology 448 Midterm Exam
Thursday, October 29	Tutorial paper 2 due
Saturday, October 31	Last day for withdrawing from courses without penalty of failure
Monday, November 02	Topic for Critical Analysis paper

Nov

Course Experience Survey (CES)

We value your feedback on this course. Towards the end of term, as in all other courses at UVic, you will have the opportunity to complete an anonymous survey regarding your learning experience (CES). The survey is vital to providing feedback regarding the course and teaching, as well as to help the department improve the overall program for students in the future. When it is time for you to complete the survey you will receive an email inviting you to do so. You will need to use your UVic netlink ID to access the survey, which can be done on your laptop, tablet, or mobile device. Please be thinking about this important activity during the course.

The CES system is available at this link: ces.uvic.ca/blue

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