

BIOLOGY 448–NEUROETHOLOGY
CRN 10443

Fall 2022

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

Distribution of Marks

Midterm (Oct. 17) 20%

Final Exam (scheduled by Records) 40%

Critical Analysis Paper (due Nov. 14, topic due Oct. 31) 15%

Presentation(10 min) based on evaluation of paper (start Nov. 17/18) 5%

Tutorials 20%

Papers(1 @ 3% due Sep. 7 (.))TJ 0.66 056ta) 6-3MCID 5 >>BDC - /TT0 1 Tf ()Tj EMC (3)Tj (-3M

Assessment Policy
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If you do not want your marks posted using your ID#, please notify us at the beginning of the term.

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.

Planned Lecture Topics

Communication using Pheromones

Cephalopod behaviour; chemosensory mechanoreception, and learning

Mechanoreception in the Star-nosed Mole

Neuroethology of Cricket Song

Echolocation in Bats

Important dates

On the UVic website you will find a fuller list of important dates, but the ones 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 7 First day of classes

Thursday September 8 First day of tutorials in Biology 448

Tuesday, September 20 Last day for 100% reduction of tuition fees for standard-first and full-year courses

Friday, September 23 Last day for adding classes

Thursday, September 29 Tutorial paper 1 due

Monday, October 10 Thanksgiving Day

Tuesday, October 11 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 17 Biology 448 Midterm Exam

Thursday, October 27 Tutorial paper 2 due

Monday, October 31 Last day for withdrawing from courses without penalty of failure

Monday, October 31 Topic for Critical Analysis paper due

Thursday, November 30 Marking Assignment due

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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

UVic is committed to promoting, providing and protecting a supportive and safe learning and working environment for all its members.