

# *Biol 404 Sensory Biology*

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(CUN 259)*







# Support and Resources

The Biology Department has an **Equity, Diversity and Inclusion Committee (Biology EDI)**, which aims to promote EDI in our department and courses, and to support students, staff, and faculty.

*If you have any comments or question, you can reach Biology EDI by contacting any of the committee members listed on [the department website](#) (see the [dropdown menus](#)).*

UVic has extensive resources education, information, assistance and advice to help build an inclusive campus. These can be accessed within the **Equity and Human Rights (EQHR) office** (<https://www.uvic.ca/equity/index.php>)

# **Sexualised Violence**

# Cyberbullying

Bullying happens in many ways including verbal, physical, social, and online through **cyberbullying**.

*We encourage you to learn more about **what the law says about online harassment and abuse in the that Legal?** **Is***

*Fund about taking and sharing intimate images, cyberstalking and sexual exploitation.*

You can find the leaflet online: <https://lss.bc.ca/publications/pub/legal>

# Overview

A major goal of this course is to support the development of skills relating to

- (i) evaluation of the primary literature
- (ii) developing hypotheses based on pre-existing data
- (iii) designing experiments to test hypotheses

For each topic covered, approximately 2/3 of the time will be spent in a lecture style format to introduce the topic focused on a discussion paper

1/3 of the time will be spent on a detailed discussion of this article.

The article or “discussion paper” will emphasize major discoveries in the field and/or a novel experimental technique. Each figure within the paper will be examined and we will discuss the conclusions of the paper, overall significance and possible future experiments.

# Reading Material

There is no assigned text for this course. Reading material will be drawn from primary literature, review articles and other sources and will be posted on the UVic Brightspaces .

Students will benefit from having access to recent Neuroscience and Cellular/Molecular Biology textbooks.

Suggested Textbooks:

Neuroscience ( Purves et al.)

Principles of Neural Science (Eric Kandel , James Schwartz and Thomas Jessell)



# Grading

# Break down of the final grade

Quizzes (8)

30%

# Weekly Quizzes

Each quiz will consist of ~5 multiple choice (M/C) questions

Lecture material directly related to the paper to be discussed that day will be emphasized

The questions are designed to encourage a critical and thorough examination of the discussion paper

The quizzes will be handed at the start of class (most Fridays) and students will be given 10 minutes to complete the quiz.

Total of 8 quizzes

# Student presentations (Nov 17 onwards)

Group presentations 3-4 students/ group. Groups will be automatically assigned via Brightspace

# Mid-Term and End-term Exams

The MidTerm exam (Oct<sup>nd</sup> 20) will test material presented till Oct<sup>th</sup> 17

Questions will be taken from both the lectures and discussion papers

The exams will be mostly short answer questions with some matching, M/C and labeling of diagrams

The Endterm exam will be comprehensive

## IMPORTANT DATES

Academic Year are found here:

[https://www.uvic.ca/caleielgwEar/dates://](https://www.uvic.ca/caleielgwEar/dates/)

# Academic concessions

In agreement with UVic policy, an exam missed for a legitimate reason (illness, accident, family affliction; does not include weddings etc.) may be rescheduled provided supporting documentation from a physician, UHS or UVic Counselling Services is presented

In the case of a missed quiz, a 2-page written report summarizing the discussion paper (including an Introduction, Methods, Results and Discussion section) submitted within two weeks of dates of absence (as per doctors note), will be evaluated and marked by the instructor

# Academic Integrity

Academic integrity matters are governed by Uvic's Policy on Academic Integrity ([https://www.uvic.ca/calendar/undergraduate/index.php#/policy/Sk\\_OxsM\\_V?bc=ue&bcCurrent=08%20%20Policy%20on%20Academic%20Integrity&bcGroup=Undergraduate%20Academic%20Regulations&bclItemType=policies](https://www.uvic.ca/calendar/undergraduate/index.php#/policy/Sk_OxsM_V?bc=ue&bcCurrent=08%20%20Policy%20on%20Academic%20Integrity&bcGroup=Undergraduate%20Academic%20Regulations&bclItemType=policies)) which includes provisions for the Unauthorized Use of an Editor.

## Plagiarism

Libraries' plagiarism guide

(<https://www.uvic.ca/library/research/citation/plagiarism/>).

I reserve the right to use plagiarism detection software or other platforms to assess the integrity of student work



# Comments from previous students

*Slides contain scant information*

# Office Hours

Wednesday 1:30-4:30 pm

*CUN 259D*

