



THE UNIVERSITY OF BRITISH COLUMBIA

Land Acknowledgement

We respectfully acknowledge the Syilx Okanagan Nation and their peoples, in whose traditional, ancestral, unceded territory UBC Okanagan is situated.

PSYO 271: Introduction to Data Analysis

Irving K. Barber Faculty of Arts and Social Sciences: Psychology

Instructor: Tareq Yousef, PhD (he/they)	Duration: Term 2 Winter 2024/25
Delivery Modality: In-Person	Materials and Grades: https://canvas.ubc.ca
Course Location: LIB 317	Course Days: Mon & Wed
Class Hours: 5:00 PM – 6:30 PM	Teaching Assistants: see Canvas for details

Office hours: No appointment needed, in-person (ART 312) Mondays 2:00 PM - 4:00 PM OR by email appointment (*please include '271' in the subject line*).

Course Description

Introduction to behavioural data analysis focusing on the use of inferential statistics in psychology and the conceptual interpretation of data as related to basic experimental designs (laboratory, field research methods). A required course for students majoring in Psychology: restricted to students majoring in Psychology. Pre-reqs: [PSYO 270](#). This course is restricted to students in one of these programs: BA-O, BSC-O with one of these specializations: MAJ PSYC. **See pg 10 for the AI tool use policy in the course.**

IMPORTANT COURSE DEADLINES AND NOTES

See assessment methods, course outline, and rubrics (on Canvas) for more details.

Prior to sending emails to Dr. Yousef (tareq.yousef@ubc.ca), please check the course announcements on Canvas for relevant updates. ***Please include '271' in the subject line.***

Exams

**Missed exams must be scheduled within 24 hours of the next regular lecture time or a zero will be earned. Email tareq.yousef@ubc.ca and please include 111 in the subject line.*

- Feb 10, Mar 19, Exam period (TBA)

Reading Quizzes

**There are no quiz extensions. Flexibility is built in by automatically dropping the lowest 2 marks.*

- Jan 17, Jan 24, Feb 7, Feb 28, Mar 7, Mar 14, Mar 28, Apr 4

There are **no laboratory assignment, OER, or research activity extensions. Flexibility is built in by permitting the assignment to be completed **anytime** before the due dates:*

Laboratory Assignments

Dropping the lowest 3 scores of 8. Submit any time before due dates:

- Jan 17, Jan 24, Jan 31, Feb 28, Mar 7, Mar 14, Mar 28, Apr 4

BONUS: OER Assignment

- Jan 31

OR BONUS: Research Activity (email psyc.ubco.research@ubc.ca with concerns about Sona)

- Option 1 (online research system "Sona"): Aim to be done by March
- Option 2 (research summary assignment): Mar 25

FREQUENTLY ASKED QUESTIONS

I am struggling with understanding content in the course. What can I do?

Check [Canvas](#) for up-to-date lecture materials and required readings. Make use of office hours and reach out to Dr. Yousef or our course TA to help you succeed! Time put into this course will equal benefits received.

I missed a reading quiz! What do I do?

No need to worry! The lowest two reading quiz marks for each student will be dropped!

How do I study for the exam?

If you are familiar with readings and you can integrate this knowledge with the quiz questions and in class problems we go through, you will be successful. In total, it is expected that it may take approximately **5 hours a week to study for this course outside of class-time** (readings and review... this is like watching an episode of a TV show every day, just over 50 minutes a day per week!). Most importantly of all, **create and do lots of practice questions!** More information is available on Canvas.

I am going to miss an exam! What can I do?

Get in touch to make alternate arrangements. ☺ See page 10.

I am having issues with SONA.

You can email the Sona administrator at psyc.ubco.research@ubc.ca.

A note on equity, diversity, and inclusion: Black people, Indigenous people, people of colour and various marginalized communities continue to face obstacles in the scientific world in the form of denial of access to equitable opportunities. Psychology and neuroscience are no exception. Of note is that psychology and neuroscience also have a history of misogyny, ableism, and anti-LGBTQIA2S+ discrimination.

Disaggregation of data by race, ethnicity, and other demographics is a complex issue that, when done equitably, allows for statistics to convey important information about systemic barriers. This course will be developed with these systemic barriers in mind. I will strive to provide safe and welcoming opportunities to learn about the science behind these issues and discuss equitable ways forward when appropriate. Let us make the world a better place to live!

Positionality statement: I am an uninvited immigrant settler privileged to live on the unceded land of the Syilx Okanagan Nation, as a lecturer at UBC Okanagan. I grew up on the east coast of Turtle Island on the unceded land of the Mi'kmaq peoples, in K'jipuktuk (Halifax). I received my PhD in Anatomy and Neurobiology from Dalhousie University for work on retinal neuromodulation and physiology. My positionality encompasses some intersectionality including my identity as a queer person of colour. This informs how I seek to use whatever privilege I have as an instructor to benefit others on and off campus. My aim is to deliver strengths-based educational experiences, that centre anti-oppression and scientific inquiry, in a way that is accessible (including financially), meaningful, and joyful for all.

Course Overview, Content and Objectives

Leave your fear of math behind! In this course we will learn about the foundations and basic applications of statistics as it pertains to the study of the behavioural sciences. Mathematics is just a (powerful) tool to help us apply statistical knowledge. As you will see, this helps us with critical decision making, a necessary skill in any scientific field.

The textbook for this course was chosen for a few reasons. First, it is a recently written work. It was also written as a comprehensive introduction particularly for psychology students with care toward the American Psychological Association's guidelines for statistics. This means that if you continue in the field of psychology, this will be a great primer that will afford you the ability to communicate with your colleagues using common language. Maybe most importantly, the textbook is an open educational resource. This means that you can access the online version of this text for free.

The textbook comes with practice questions—you are encouraged to do all of these! Further, in class, we will go through many problem sets together. However, I encourage you to seek out other problem sets online. There are many! Sometimes, the notation (aka symbols) will be slightly different (e.g., mean is represented as M using APA notation and in our course text, but may be represented by \bar{x} in other places even though it means the same thing). Links for problem sets can be found on Canvas.

Assessment Methods
First exam (20%), Feb 10 (in-class)
Cumulative second exam (25%), Mar 19 (in-class)
Cumulative final exam (30%), Exam period (TBA) (in-person)
Reading quizzes (20%) (See course schedule for due dates. Submitted via Canvas)
Laboratory assignments (5%) (See course schedule for due dates. Submitted via Canvas)
Maximum of 2 bonus points via: Open educational resource (OER) assignment, Jan 31 (Submitted via Canvas) OR research participation (via Sona [aim for March completion] OR written assignment option due Mar 25).

Learning Outcomes
Define and explain the relationships between major statistical concepts (e.g., alpha, power, effect size, sample size) (<i>assessed via examinations, quizzes, and open educational resources assignment</i>)
Carry out common statistical procedures and explain the theory underlying them (<i>assessed via examinations & quizzes</i>)
Differentiate between statistical tests to develop appropriate analysis strategies (<i>assessed via examinations and reading quizzes</i>)
Draw conclusions about scientific hypotheses by examining the results of statistical tests (<i>assessed via examinations and reading quizzes</i>)
Describe the usage of basic statistical methodology in scientific literature (<i>assessed via examinations and reading quizzes</i>)
Carry out foundational skills in a programming language via statistical software (<i>assessed via laboratory assignments</i>)

Learning Materials

The textbook we will use for this course is available (free of charge) via the [University of Missouri-St. Louis Libraries website: https://irl.umsl.edu/oer/25](https://irl.umsl.edu/oer/25) where you can download a PDF copy of the book. A

web version of the same text can be found at its [Pressbooks website](https://umsystem.pressbooks.pub/isps/):
<https://umsystem.pressbooks.pub/isps/>

Cote, Linda R.; Gordon, Rupa; Randell, Chrislyn E.; Schmitt, Judy; and Marvin, Helena, "Introduction to Statistics in the Psychological Sciences" (2021). Open Educational Resources Collection. 25.
Available at: <https://irl.umsl.edu/oer/25>

You will need a simple calculator that can compute exponents (i.e., x^3) and square roots (i.e., \sqrt{x}). These are available in many shops and in the on-campus bookstore. **Cell phone calculators are not permitted during exams and you must bring your own calculator to all exams.**

Course Format

A note on accessibility: If you require accommodations for an exam you can book them seven days in advance if you are already set up with the Disability Resource Centre (DRC). Find out more on how you can register with the DRC here: <https://students.ok.ubc.ca/academic-success/disability-resources/registration-intake/>.

There will be **three (closed book) exams in this course (cumulative) worth 20%, 25%, and 30%**. These exams may consist of multiple choice, fill-in-the-blank, true or false, matching, short answer, and long answer questions. Some questions may ask you to interpret or label diagrams. Exams will be cumulative, which means they will cover all the material covered in the course prior to the date of the exam. This does mean that previously tested content could be tested again. This is because statistical knowledge builds on itself in a very meaningful way. **Exams will not be reweighted.**

Eight reading quizzes, covering the required readings in the course schedule, will be administered. The lowest two marks will be dropped and each of the remaining 6 quizzes will be worth 3.3% each (total 20%). Reading quizzes are meant to be thought-provoking (slightly challenging), but not difficult, to help prepare you for the exams. Reading quizzes will be due at the end of the week in which they are noted in the Course Schedule. Though the readings are chosen because of their accessibility to these topics, it is understandable that it may take time to digest some of the topics and, possibly, to get used to the readings. Therefore, you are not expected to have done the readings prior to each class, but rather, **you should have the associated readings done prior to completing the scheduled reading quizzes. Please note that sometimes the quiz may be due prior to the end of the unit.**

Laboratory assignments will make up the final 5% of the grade. The lowest 3 of 8 grades will be dropped, making each of 6 assignments worth 1% each. The series of computer labs is intended to provide you with some experience with coding in R, a powerful statistical software tool. Especially if your goal is to move forward with a Psychology major, where you may be working in labs or intending to pursue an honours degree (where you will have a mandatory statistics course that uses R), this activity intends to prepare you with a useful foundation.

There are **at least** three ways to access the free software we will use for our labs! We will be using **RStudio** a bit of software that allows you to code statistical programs. RStudio **first requires** the installation of a piece of software called **R**. R needs to be downloaded and installed before RStudio is downloaded and installed, then, RStudio will be the software we use for the labs. This doesn't apply if you will use the online software, and if you use the library computers remotely or in person, both are already installed so RStudio can be accessed right away.

1. Downloading the software yourself on your own device (see instructions below)
2. Accessing R studio via a free plan through the cloud-based offering (see alternative instructions below)
3. At the library on any library computer! ([See hours here](#)) (The software is already installed on these computers)

The labs will require the use of a computer with an Internet connection on which you can download the following pieces of software (**or see the alternative below**):

- R: <https://cran.rstudio.com>
- R studio: <https://posit.co/download/rstudio-desktop/>

ALTERNATIVELY, if you do not have a computer that can download software (i.e., you only have access to a Chromebook and you don't know how to do any fancy coding or access to an iPad) you might sign up for a free plan using R studio's cloud-based service, Posit:

- <https://posit.cloud/plans/free>
- Once you have an account you will just start a new project and follow the instructions of the labs within the Canvas quizzes.

You are responsible for making sure that you have access to R either via a computer or the cloud service before the due dates for the labs.

Please visit our Canvas course to get acquainted with the lab assignments and their associated quizzes.

The first lab assignment is not due until a week or so into the term. If you do not have access to a computer to be able to download these pieces of software, please do make arrangements to access a computer where you can download these pieces of software. **This may not be an issue if you are using the cloud-based version of RStudio!** You are **encouraged to work in groups where possible** on these assignments. You may find a colleague in the course who is willing to meet up to work on lab assignments together. **Remember, the academic integrity policy applies to all aspects of our course and must always submit your own work.** The goal is that you will get some first-hand experience at actually coding in R.

2 bonus points (2% on top of your final course grade) are available for an Open Educational Resources assignment OR for Sona research participation.

For the **Open Educational Resources assignment**, you will be tasked with finding helpful, free-to-access, educational resources covering any of the units discussed in our course (see the course schedule below) and will provide a reflection on the utility of this resource for use in the course. Information is available on Canvas.

OR you can complete the following for (2%) research participation. You cannot complete both the open educational resource assignments and the Sona research participation. Only grades from one will be accepted. See next page.

SONA RESEARCH ACTIVITY

Students earn Sona credit points for their eligible courses from participating in research activity. This can be either through direct participation in research through the Sona online research system (Option 1), by completing summaries of primary research articles (Option 2), or by a combination of the two types of activities. First year courses (i.e., PSYO 111 and PSYO 121) include 4% as part of the final course grade for participating in Sona research activity, while second year and higher courses allow for a 2% bonus to be added to the final course grade for participating.

Research Participation In Online Research System (Option 1)

As a participant in one of the numerous research studies posted at <http://ubco.sona-systems.com/>, you will obtain 0.5% credit for each 0.5 hour of participation. Hence, studies requiring a 1-hour time commitment provides a credit of 1%, 1.5 hours provides a credit of 1.5%, and 2 hours provides a credit of 2.0%, etc.

Important Requirements

You may participate in more than one study in order to earn credits. It is important to sign up for studies early in the semester in order to increase the odds that a timeslot is available. If you wait until later in the semester, timeslots may no longer be available.

Students must participate in at least one study from List A (that is either in-person, uses Zoom interactions, experience sampling, daily diary etc.) of any credit value for each in-person course they are seeking credit for. Studies will be identified as coming from List A or List B on Sona to assist students in ensuring they can fulfill this requirement. This requirement is limited to in-person courses only as there may be students who are taking courses fully remotely from a different location/time zone, for whom in-person or online synchronous studies would not be feasible, thus making it difficult to meet these requirements. Students registered in online courses can complete their credits from participation in studies from either entirely List A, entirely List B, or a combination of the two.

For 1st year:

This course will offer a maximum of 4 credits. You will only receive 4 credits if you complete at least 4 credits worth of studies with at least one study completed from List A and at least one study completed from List B. If you earn 4 credits only from a single list, you will receive a 0.5 credit penalty and only receive a maximum of 3.5 credits. This penalty is in effect regardless of how many credits have been earned; it deducts from the maximum amount that can be earned for the course.

For 2nd, 3rd, 4th year:

This course will offer a maximum of 2 credits. You will only receive 2 credits if you complete at least 2 credits worth of studies with at least one study completed from List A and at least one study completed from List B. If you earn 2 credits only from a single list, you will incur a 0.5 credit penalty and only receive a maximum of 1.5 credits. This penalty is in effect regardless of how many credits have been earned; it deducts from the maximum amount that can be earned for the course.

Logging On To The System

Sona is only open for those students who are registered in a psychology course offering Sona credit points. Please only use the request account option if you have never used the Sona system before. If you have used the Sona system before, please use the most recent login information you remember to log in.

Missed Appointments & Penalties

Missed appointments (i.e., failure to cancel the appointment at least 3 hours prior to the session) will be tracked. The consequence will be that you will not receive credit for participation in the study and you will be assigned an unexcused no-show. The unexcused no-show designation will cause you to lose the credit value of the study from the total possible credit points you can earn for your course. For example, if you are in PSYO 111 (or 121), you can earn up to 4.0 credits. If you miss an hour-long session that you signed up for (i.e., 1.0 credit) and don't cancel it in advance, the maximum credits that you can now earn for your course is 3.0, regardless of how many studies you complete.

If, after consenting to participate and starting a session (or survey), you decide to withdraw your consent, to avoid receiving an unexcused no-show on Sona, you must do one of the following:

- if it is an online study, you must cancel your Sona sign-up and/or contact Shirley (psyc.ubco.research@ubc.ca) if you are unable to cancel your sign-up;
- if it is an in-person study, you must let the researcher know directly. Their email can be found on the main description page for the study (little envelope icon). Depending upon the study, they will either cancel your session or assign you an excused no-show (meaning that you will not be penalized).

Your ability to withdraw your data will depend upon the study. Instructions for withdrawing your data (including limitations) will be described in the study's consent form.

Please email psyc.ubco.research@ubc.ca with any questions or concerns that you may have regarding the Sona system. Your professor or instructor does NOT have access to this information.

Research Summary Assignment (Option 2)

As an alternative to participating in research studies, you may obtain Sona credit points by completing library-writing projects to a satisfactory level. Each library-writing project is worth a total of two credits.

Important Requirements

1. This project consists of reading and summarizing (in written form) a recent, peer-reviewed, primary research article.

- A "recent" article has been published within the past 12 months.
- A "peer reviewed" article is one that has been reviewed by other scholars before it is accepted – for example, it **cannot** be a news item, an article from a popular magazine, a notice, or a letter to the editor.
- A "primary" research article describes an experiment or study where data are collected by the authors. In other words, the article you choose to review **cannot** be a book review, literature review, or summary article.

2. You must choose an article published by one of the following agencies:

- The American Psychological Society - *Psychological Science*, *Current Directions in Psychological Science*, *Psychological Science in the Public Interest*, or *Perspectives on Psychological Science*.
- The American Psychological Association - www.apa.org/journals/by_title.html has a full listing.
- The Canadian Psychological Association - *Canadian Psychology*, *Canadian Journal of Behavioural Science*, or *Canadian Journal of Experimental Psychology*.
- The Psychonomic Society - *Behavior Research Methods, Cognitive, Affective, & Behavioral Neuroscience*, *Learning & Behavior*, *Memory & Cognition*, *Perception & Psychophysics*, or *Psychonomic Bulletin & Review*.

3. Other Assignment Guidelines

The summary should be about 300-500 words in length. The source must be cited and referenced in accordance with the *Publication Manual of the American Psychological Association*. The review will be graded on a pass – fail basis (2% or 0%). At least **14 days before the end of classes** each term, submit the following to the course instructor **via email as a word document, not a PDF**:

- the article summary
- a cover page that specifies your name, student number, email address, and word count of the summary.
- the course title and number
- **Please also include, separately as a pdf, a copy of the article you are summarizing.**

Submitting the assignment 14 days in advance is necessary to ensure that you have an opportunity to make corrections, if required. If you do not check your email frequently, provide a phone number on the cover page.

Final grades will be based on the evaluations listed above and the final grade will be assigned according to the standardized grading system outlined in the UBC Okanagan Calendar. The Barber School reserves the right to scale grades to maintain equity among sections and conformity to university, faculty, department, or the school norms. Students should note that an unofficial grade given by an instructor might be changed by the faculty, department, or school. Learn more about this university policy [here](#).

Learning Activities

Class participation may include some clicker questions. When implemented, these will be accessible to you from your wireless devices, free of charge. This is not for marks but may greatly enhance your understanding of the course material.

Course Schedule

Date	Topic	Reading from Cote	Reading quiz due dates Fridays at 11:59 PM PST *Except certain dates
Mon Jan 6	Welcome, syllabus & Introduction to statistics	Chapter 1	
Wed Jan 8			
Mon Jan 13	Describing data using distributions and graphs	Chapter 2	Ch 1 Quiz & Lab #1 (Jan 17)
Wed Jan 15			
Fri Jan 17: Last day for changes in registration and withdrawal from most W2 courses without W record			
Mon Jan 20	Measures of central tendency and spread	Chapter 3	Ch 2 & 3 Quiz & Lab #2 (Jan 24)
Wed Jan 22			
Mon Jan 27	z scores and the standard normal distribution	Chapter 4	Lab #3 & OER Assignment (Jan 31)
Wed Jan 29			
Mon Feb 3	Probability	Chapter 5	Ch 4 & 5 Quiz (Feb 7)
Wed Feb 5			
Mon Feb 10	Exam #1 (Chapters 1 to 5)		
Wed Feb 12	No lecture		
Feb 17-21: No lectures for midterm break			
Mon Feb 24	Sampling distributions & Introduction to hypothesis testing	Chapter 6	Ch 6 & 7 Quiz & Lab #4 (Feb 28)
Wed Feb 26		Chapter 7	
Mon Mar 3	Introduction to t tests	Chapter 8	Ch 8 Quiz & Lab #5 (Mar 7)
Wed Mar 5			
Mon Mar 10	Related samples & Independent samples	Chapter 9	Ch 9 & 10 Quiz & Lab #6 (Mar 14)
Wed Mar 12		Chapter 10	
Mon Mar 17	No lecture – study day		
Wed Mar 19	Exam #2 (Chapters 1 to 10, cumulative)		
Fri Mar 21: Last day for changes in registration and withdrawal from most W1 courses with a W record			
Mon Mar 24	Analysis of variance	Chapter 11	Ch 11 Quiz & Lab #7 (Mar 28)
Wed Mar 26			
Mon Mar 31	Correlations	Chapter 12	Ch 12 Quiz & Lab #8 (Apr 4)
Wed Apr 2			
Fri Apr 4: Last day for submission of final exam accommodation requests with the DRC			
Mon Apr 7	Linear regression	Chapter 13	
Apr 15 - 26	Exam Period – Final exam (Ch 1-13, cumulative, not conditional) – Date TBA		

Please note that slight changes to the schedule may occur throughout the semester. Flex time is built into the course to allow us to extend some sections.

Reading quizzes will be released approximately 1-week prior to the deadline.

Late Policy

Reading quizzes, laboratory assignments, research participation, and the open educational resource assignment will receive a mark of 0 if they are not submitted prior to the due date. The lowest two reading quiz and the lowest four laboratory assignment marks will be dropped. Any other assignments not passed on by the due date will receive a "0".

Missed Exam Policy

Students who miss an examination must provide written documentation (i.e., doctor's note) of the absence to their instructor and must arrange to make up the exam before the next scheduled class. Arrangements must be made at least 24 hours prior to the next scheduled class. Students who do not write the exam by the next scheduled class will receive a "0" for the exam unless other arrangements have been made with the instructor.

If ill health is an issue, students are encouraged to seek attention from a health professional. Campus health and counselling will normally provide documentation only to students who have been seen previously at these offices for treatment or counselling specific to conditions associated with their academic difficulties. Students who feel that requests for consideration have not been dealt with fairly by their instructors may take their concerns first to the Head of the discipline, and if not resolved, to the Office of the Dean. Further information can be found [here](#).

It is the responsibility of the student to stay up to date with the course content and to monitor Canvas for important announcements. A discussion board will be enabled on Canvas to allow students to communicate with fellow classmates and the instructor.

Missed Activity Policy

Completely missed reading quizzes, research participation, and bonus open educational resource assignments will receive a "0" if not submitted by the due date.

Passing/Grading Criteria

Your final grade will be determined based on UBC grading practices. 90–100 A+, 85–89 A, 80–84 A-, 76–79 B+, 72–75 B, 68–71 B-, 64–67 C+, 60–63 C, 55–59 C-, 50–54 D. 0–49 Fail

Policy On the Use of AI

The use of AI tools is permitted for work submitted for this course except during midterm and final exams. You are **required to disclose your use of AI and appropriately cite its use. Failure to disclose and properly cite AI use is considered plagiarism** (I am also curious to hear about your experience!). Check out [this resource on how to cite ChatGPT in APA style](#). **AI use is not promoted for the sake of this course**, and I believe, thanks to the success of many past students, that it is not needed. Grading will always be conducted in the same way for all students, with respect to rubrics where relevant, so not using AI tools will not result in a disadvantage.

The reason for this policy is my awareness that AI will continue to become more ubiquitous in our society. I also strongly believe that to achieve the level of quality that results in high grades, any student must continue to develop skills without the support of AI. To succeed on the assessments that will not permit AI use (our midterm and final exams), you will still need to understand the course material and to have developed your critical thinking skills. Developing too much of a dependence could be a detriment to future studies.

Though I do not believe AI is a proficient content-generator (i.e., if you ask an AI tool to “write 500 words on the nature vs. nurture debate” it may contain inaccuracies and it will likely produce work that does not adhere to our course marking rubrics) it may help people with brainstorming ideas and people who have difficulties writing in English.

Inaccuracies and privacy concerns are not the only problems associated with AI. Please make sure to do your own reading to determine your level of comfort with various AI tools. Plagiarism is still a problem with many AI tools. **The academic misconduct policy at UBC would still apply to work that is generated through AI.** Plagiarism can easily become an issue since many AI tools create content based on existing works without citations. You might consider a tool such as Perplexity AI which does cite its sources.

Please note that this policy could change throughout the term. This policy statement has been adapted from Dr. Dongwook Yoon’s 2023 policy in CPSC 344.

Other Course Policies

Academic Integrity

The academic enterprise is founded on honesty, civility, and integrity. As members of this enterprise, all students are expected to know, understand, and follow the codes of conduct regarding academic integrity. At the most basic level, this means submitting only original work done by you and acknowledging all sources of information or ideas and attributing them to others as required. This also means you should not cheat, copy, or mislead others about what is your work. Violations of academic integrity (i.e., misconduct) lead to the breakdown of the academic enterprise, and therefore serious consequences arise and harsh sanctions are imposed. **For example, incidences of plagiarism or cheating usually result in a failing grade or mark of zero on the assignment or in the course.** Careful records are kept to monitor and prevent recidivism.

A more detailed description of academic integrity, including the University’s policies and procedures, may be found in the Academic Calendar at:

<http://www.calendar.ubc.ca/okanagan/index.cfm?tree=3,54,111,0>

Final Examinations

You can find the [Senate-approved term and examination dates here](#). Except in the case of examination clashes and hardships (three or more formal examinations scheduled within a 27-hour period) or unforeseen events, students will be permitted to apply for out-of-time final examinations only if they are representing the University, the province, or the country in a competition or performance; serving in the Canadian military; observing a religious rite; working to support themselves or their family; or caring for a family member. Unforeseen events include (but may not be limited to) the following: ill health or other personal challenges that arise during a term and changes in the requirements of an ongoing job.

Further information on Academic Concession can be found under Policies and Regulation in the Okanagan Academic Calendar <http://www.calendar.ubc.ca/okanagan/index.cfm?tree=3,48,0,0>

Grading Practices

Faculties, departments, and schools reserve the right to scale grades in order to maintain equity among sections and conformity to University, faculty, department, or school norms. Students should therefore note that an unofficial grade given by an instructor might be changed by the faculty, department, or school. Grades are not official until they appear on a student's academic record.

<http://www.calendar.ubc.ca/okanagan/index.cfm?tree=3,41,90,1014>

Student Service Resources: Below are common resources that are available to you

UBC Okanagan Disability Resource Centre

The Disability Resource Centre ensures educational equity for students with disabilities and chronic medical conditions. If you are disabled, have an injury or illness and require academic accommodations to meet the course objectives, please contact Earlene Roberts, the Manager for the Disability Resource Centre located in the University Centre building (UNC 215).

UNC 215 250.807.8053

email: drc.questions@ubc.ca

Web: <http://www.students.ok.ubc.ca/academic-success/disability-resources/>

UBC Okanagan Equity and Inclusion Office

Through leadership, vision, and collaborative action, the Equity & Inclusion Office (EIO) develops action strategies in support of efforts to embed equity and inclusion in the daily operations across the campus. The EIO provides education and training from cultivating respectful, inclusive spaces and communities to understanding unconscious/implicit bias and its operation within in campus environments. UBC Policy 3 prohibits discrimination and harassment on the basis of BC's Human Rights Code. If you require assistance related to an issue of equity, educational programs, discrimination or harassment please contact the EIO.

UNC 325H 250.807.9291

email: equity.ubco@ubc.ca

Web: www.equity.ok.ubc.ca

Health and Wellness

At UBC Okanagan health services to students are provided by Student Wellness. Nurses, physicians and counsellors provide health care and counselling related to physical health, emotional/mental health and sexual/reproductive health concerns. As well, health promotion, education and research activities are provided to the campus community. If you require assistance with your health, please contact Student Wellness for more information or to book an appointment.

UNC 337 250.807.9270

email: healthwellness.okanagan@ubc.ca

Web: www.students.ok.ubc.ca/health-wellness

Office of the Ombudperson

The Office of the Ombudperson for Students is an independent, confidential and impartial resource to ensure students are treated fairly. The Ombuds Office helps students navigate campus-related fairness concerns. They work with UBC community members individually and at the systemic level to ensure students are treated fairly and can learn, work and live in a fair, equitable and respectful environment. Ombuds helps students gain clarity on UBC policies and procedures, explore options, identify next steps, recommend resources, plan strategies and receive objective feedback to promote constructive problem solving. If you require assistance, please feel free to reach out for more information or to arrange an appointment.

UNC 328 250.807.9818
email: ombuds.office.ok@ubc.ca
Web: www.ombudsoffice.ubc.ca

Student Learning Hub

The Student Learning Hub is your go-to resource for free math, science, writing, and language learning support. The Hub welcomes undergraduate students from all disciplines and year levels to access a range of supports that include **tutoring in math, sciences, languages, and writing, as well as help with study skills and learning strategies.**

LIB 237 250.807.8491
email: learning.hub@ubc.ca
Web: <http://www.students.ok.ubc.ca/academic-success/learning-hub/>

The Global Engagement Office

The Global Engagement Office provides advising and resources to assist International students in navigating immigration, health insurance, and settlement matters, as well as opportunities for intercultural learning, and resources for Go Global experiences available to all UBC Okanagan students, and more.

Come and see us – we are here to help! You may also contact geo.ubco@ubc.ca

Safewalk

*Don't want to walk alone at night? Not too sure how to get somewhere on campus? Call Safewalk at **250-807-8076.***

For more information, see: www.security.ok.ubc.ca

Sexual Violence Prevention and Response Office (SVPRO)

A safe and confidential place for UBC students, staff, and faculty who have experienced sexual violence regardless of when or where it took place. Just want to talk? We are here to listen and help you explore your options. We can help you find a safe place to stay, explain your reporting options (UBC or police), accompany you to the hospital, or support you with academic accommodations. You have the right to choose what happens next. We support your decision, whatever you decide.

Visit svpro.ok.ubc.ca or call 250.807.9640.

Independent Investigations Office (IIO)

If you or someone you know has experienced sexual assault or some other form of sexual misconduct by a UBC community member and you want the Independent Investigations Office (IIO) at UBC to investigate, please contact the IIO. Investigations are conducted in a trauma informed, confidential, and respectful manner in accordance with the principles of procedural fairness.

You can report your experience directly to the IIO via email: director.of.investigations@ubc.ca or by calling 604.827.2060 or online by visiting investigationsoffice.ubc.ca

The UBC Emergency First Response Team (EFRT)

The UBC EFRT is a group of volunteer student responders who shift 24/7 to provide emergency medical first-aid services at the UBC Okanagan campus. The organization is run alongside security and supports the campus community on a day-to-day basis as well as at various campus activities and events. Our responders can be on scene within minutes and can be called through Campus Security's emergency line at [250-807-8111](tel:250-807-8111) in case of any emergency.

To learn more about who we are, how we recruit new responders, and stay up to date, follow us on Instagram or Facebook @ubcefrt. Need medical support at your event? Check out our website at <https://efrt.ok.ubc.ca/>, or email us any further questions at ubcefrt@gmail.com

UBC Okanagan Walk-In Well-Being Clinic

The Walk-In Well-Being clinic offers no-fee, brief, single-session psychological services. Sessions are led by a doctoral student in clinical psychology and supervised by a registered psychologist (UBCO Faculty member). Clinicians can provide support with stress management, sleep, self-care, depression, anxiety, interpersonal issues, substance misuse, coping with academic demands/stressors, and provide options for connecting to additional resources.

Virtual or in-person sessions are available at the UBCO Psychology Clinic, located in ASC 167 with or without an appointment, on Tuesdays and Thursdays between 10 am and 3 pm from September to June, excluding campus closures. Phone: 250-807-8241 (ext. 1), email: ipc.ok@ubc.ca, Web: <https://psych.ok.ubc.ca/psychology-clinic/walk-in-wellness/>

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