

# PSYCHOLOGY 300B Section A01

## Statistical Methods in Psychology II

Spring (Jan. - Apr. ) 2024 : CR# 22816

### TERRITORIAL ACKNOWLEDGEMENT

We acknowledge and respect the L'k'w'ich' (Songhees and Esquimalt) Peoples on whose territory the university stands and the L'k'w'ich' and WSĆNE Peoples whose historical relationships with the land continue to this day.

### COURSE DESCRIPTION AND OBJECTIVES

1. To gain conceptual understanding of statistical analyses to advanced research designs.
2. To gain practical experience in the interpretation and communication of statistical analysis in a manner appropriate for those involved in psychological research.

### PREREQUISITES AND REGISTRATION

The prerequisite for '300B is simply:

1. The completion of Psychology 300A with a minimum grade of 50%. This is non-negotiable.

### TOPICS COVERED

Measurement (independent & dependent variables); Power; Inferential analysis for research designs under Random Sampling Model of Hypothesis Testing (a) 0.2 (na) 0.2 (i) 0.2 (a) 0.2 (lq8 (s) -0.2 0.2 0.2 0.2 0.2 S(l

## COURSE EVALUATION

Comprehension of course material will be assessed through performance on:

- (a) 2 midterm exams (each worth 15% of your final grade),
- (b) a cumulative final exam (30%),
- (c) a research report (15%),
- (d) labs (10%),
- (e) online quizzes (10%), &
- (f) Graded Homework Assignments (5%)
- (g) Up to 3% bonus for in-Class iClicker Questions and bonus survey.

Students who have completed the following required course elements will be considered to have completed the course:

- ✘ At least one midterm
- ✘ The final exam
- ✘ The research report

Failure to complete one or more of these elements will result in a grade of N, regardless of the cumulative percentage of all other elements of the course. N is a failing grade and factors into GPA as a value of 0.

In accordance with the University's policy on academic concessions, a student who completes all course requirements is not eligible for an academic concession. Consequently, students can only request deferral of completion of required course components and not for non-essential course components.

Please note, labs in PSYC 300B are mandatory, and you must get a passing grade (50% or higher) in the lab portion of the course. If you do not get a passing grade in the labs, you will be ineligible to write the final exam and will receive a failing grade (F) in the course regardless of your performance on the rest of the material.

## GRADING (% of total marks)

Effective May 1, 2014, the letter grading system previously used at UVic was discontinued. Your final grade will be a straight percentage. Your final grade will be rounded at the 0.5% level (e.g., 84.50 will be rounded to 85; 84.00 will be rounded to 84.00). Rounding will only occur for the final grade.

NOTE: All deadlines & grades submitted for exams & various assignments are final. There are no make-up assignments, no make-up exams, no bonus or extra assignments that you can do to alter your grades. The time to invest in achieving the best possible grade is during the course, not afterward.

## APPLICATION OF COURSE MATERIAL

**Online Quizzes** There will be a total of 12 quizzes on Brightspace to be completed outside class time. These quizzes are worth 10% of your final grade with the bottom two marks being dropped. Quizzes are untimed, you can attempt each quiz up to five times while they are open, with your final grade for any quiz being the average of all of your attempts for that quiz. There are no make-up quizzes available.

**Homework Assignments** You will be given up to 12 graded homework assignments worth a total of 5% of your final grade. The homework will provide you with opportunities to test your mastery of the material. There is NO substitute for wrestling a statistics problem to the ground yourself in order to understand the material. You will be required to enter your answers to the homework questions on Brightspace. Answer keys will be provided once homework has been closed. The lowest two homework grades will be dropped. There are no make-up homework assignments available.

**Class Survey (Bonus)** You have the opportunity to earn another 1% bonus mark for completing a simple class survey through the Lab Brightspace site. This survey will ask simple demographic questions as well as questions about your usage of social media. We will anonymize this dataset and then use it for analysis purposes during the semester. This survey will be available starting Monday, January 8 and will close at 11:59 pm on Friday, January 12. To earn the 1% bonus mark, you must complete the survey by Friday, January 12.

**Research Project Report** An original research report is REQUIRED for successful completion of this course. For the research project, you will be working in a small group of students (2-3) to produce a full APA style research report.



# BE WELL



A note to remind you to take care of yourself. Do your best to maintain a healthy lifestyle this semester by eating well, exercising, getting enough sleep and taking some time to relax. This will help you achieve your goals and cope with stress. All of us benefit from support during times of struggle. You are not alone.

## ***Social Life, Friends, & Community at UVic:***

Having a social network is an extremely important foundation for positive mental health. There are lots of benefits to joining clubs, course unions, intramurals and teams on campus.

<https://www.uvic.ca/undergraduate/housing-student-life/student-life/index.php>

## ***Counselling Services:***

The Student Wellness Centre can help you make the most of your university experience. They offer free professional, confidential, inclusive support to currently registered UVic students. <https://www.uvic.ca/student-wellness/contacts/student-wellness-team/index.php#ipn-counsellors>

## ***Health Services:***

The Student Wellness Centre also provides a full service primary health clinic for students. <https://www.uvic.ca/student-wellness/contacts/student-wellness-team/index.php#ipn-physicians>

## ***Centre for Accessible Learning***

The CAL staff are available by appointment to assess specific needs, provide referrals and arrange appropriate accommodations <https://www.uvic.ca/accessible-learning/index.php>. The sooner you let us know your needs, the quicker we can assist you in achieving your learning goals in this course.

## ***Elders' Voices:***

The Office of Indigenous Academic and Community Engagement (IACE) has the privilege of assembling a group of Elders from local communities to guide students, staff, faculty and administration in Indigenous ways of knowing and being.

[www.uvic.ca/services/indigenous/students/programming/elders/](http://www.uvic.ca/services/indigenous/students/programming/elders/)

## ***Mental Health Supports and Services:***

Mental health supports and services are available to students from all areas of the UVic community: <https://www.uvic.ca/student-wellness/wellness-resources/mental-health/>



**UNIVERSITY OF VICTORIA**  
Department of Psychology  
Important Course Policy Information  
Spring Session 2024

**Accessible Learning**

The University of Victoria is committed to creating a learning environment where all students can succeed. **All members of the university community have the right to this experience and** such an environment. The University will not tolerate racism, sexualized violence, bullying, or harassment.

Engaging with UVic's learning systems or interacting with online resources and course materials, you are engaging in a University activity.

For more information, please refer to the University's policies and procedures regarding accessibility and accommodations.





### **Policy on Academic Integrity including Plagiarism and Cheating**

The Department of Psychology fully endorses and intends to enforce rigorously the [Senate Policy on Academic Integrity](#). It is of utmost importance that students who do their work honestly be protected from those who do not. Because this policy is in place to ensure that students carry out and benefit from the learning activities assigned in each course, it is expected that students will cooperate in its implementation.

The offences defined by the policy can be summarized briefly as follows:

1. **Plagiarism.** You must make sure that the work you submit is your work and oerg (a)-3.e tncergw (r)4T/6y9 (yo)1.9 (u s)-8 (e)

### **Prerequisites**

Students who remain in courses for which they do not have the prerequisites do so at their own risk. Students who complete courses without prerequisites ARE NOT exempt from having to complete the prerequisite course(s) if such courses are required for the degree program.

### **Program Requirements**

For more information see the [UVic Calendar](#).

### **Registration Status**

Students are responsible for verifying their registration status. Registration status may be verified using My Page, View Schedule. Course adds and drops will not be processed after the [deadlines](#) set out in the current UVic Calendar.

Students who do not attend classes must not assume that they have been dropped from a course by an academic unit or an instructor. Courses that are not formally dropped will be given a failing grade, students may be required to withdraw and will be required to pay the tuition fee for the course.

### **Request for Academic Concessions**

Students can apply for [academic concessions](#) if their course requirements are affected by (i) unexpected and/or unavoidable circumstances (e.g., illness, family affliction, etc.), or (ii) conflicting responsibilities (e.g., service in the armed forces or first responder, representing the university).

x **Request an in-course extension**

If you require more time to complete a course requirement or miss a test or midterm exam, then you will need to complete the "[In-Course Extension Form](#)" and submit it directly to your course instructor. All

