



PSYC 201 (A02) CRN 22827
Research Methods in Psychology
Spring (aka Winter) 2023

Instructor: Ronald Porter, PhD (he/him/his)
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Classroom: Elliot 062
Office Hours: Th 09:00-12:00
or by appointment

Email: ronaldporter@uvic.ca
Office: Cornett A214
Class Time: M, W & Th 14:30 – 15:20
Prerequisites: PSYC 100A & 100B

Lecture and Lab TA: Shauna Nedelec, shaunanedelec@uvic.ca

Territorial Acknowledgement and Commitment to Inclusive Learning

We acknowledge with respect the Lekwungen peoples on whose traditional territory the university stands and the Songhees, Esquimalt, and WSÁNE peoples whose historical relationships with the land continue to this day.

We are committed to making our best efforts to provide a safe, supportive, and effective learning environment for all students. See <https://www.uvic.ca/equity/index.php> and the section below on Health and Wellness Promotion.

Course Description

Introduction to basic research techniques in psychology; emphasis on the conceptual rather than the statistical rationale underlying various research strategies. Areas include the nature of variables, types of measurement, how to generate and test hypotheses, types of validity, and how to interpret and report results. Laboratory exercises and class demonstrations on the processes



- Define and describe the purpose of experimental designs. Given data from a factorial design, distinguish between main effects and interactions.
- Organize data by constructing various tables and graphs.
- Make sense of data by applying very basic descriptive and inferential statistics.
- Conduct a study incorporating the subject matter of the course, leading to an APA-styled report in the form of a poster and/or research report.

Text

Required

Cozby, P.C., Mar, R.A., & Rawn, C.D. (2020). *Methods in behavioural research* (3



group will submit the synopsis to the instructor and the submission will be evaluated based on the quality of its content and integration of course concepts. Breakout Activity #1 will be pass/fail, breakout activities 2# and #3 will be graded. Unless prior permission is granted, late assignments will not be accepted.

Note: Failure to complete one or more of the course assessments 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 deferrals for the completion of required course components and not for non-essential course component

LECTURE COMPONENTS (Total 75%)

Summary of Course Requirements

Three quizzes (60%, 3 quizzes 22.5% for quiz 1 and 2, and 15% for quiz 3)

Perusall Readings = 5%

Presence = This percentage (5%)

Breakout room/group activities = 10%

LAB COMPONENTS (total 25%)

Self-research report paper/poster (15%)

Lab attendance/participation (5%)

Lab assignments (5%)

Grades:

A+	9	90-100%	B+	6	77-79%	C+	3	65-69%	F	0	<50%
A	8	85-89%	B	5	73-76%	C	2	60-64%			
A-	7	80-84%	B-	4	70-72%	D	1	50-59%			



Tentative Course Schedule

Week Commencing	Topic
	Section 1: Rational thinking
Jan. 09	Introduction to course and Science of psychology (Chapter 1) Non-rational approaches to human behaviour
Jan. 16	Bias in everyday thinking The scientific Method (Chapter 2)
Jan. 23	The importance of replication Social media, fake news and echo chambers (In-class Activity #1) Ethics: History and deception (Chapter 3)
Jan. 30	Deception - Informed consent EXAM #1
	Section 2: Qualitative and quantitative approaches to science
Feb. 06	Qualitative approaches: Observations Chapter 7: Nonexperimental research In-class exercise: Semi-structured interview
Feb. 13	Quantitative approaches: Correlation to causation Chapter 4: Theory in psychology Independent and dependent variables Chapter 6: Experimental research
Feb. 20	READING WEEK
	Section 3: The Psychological Experiment
Feb. 27	EXAM #2
Mar. 06	Types of validity (internal & external validity)
Mar. 13	Statistical and external validity Experimental pitfalls: Confounds, small sample size & placebos
Mar. 20	Descriptive stats – means & variability (In-Class Activity #3)
Mar. 27	Finding statistical differences More than one independent variable & EXAM #3
Apr. 03	Virtual Conference

Emailing the lecturer: Use your UVic email address. The subject line should include the course number (PSYC 201) and a clear statement of purpose. Email represents formal correspondence; as such, you should use proper salutations and full sentences. If you have a specific question about the course material or assignment, please see me after class, during office hours or by appointment. Course assignments cannot be submitted bBT/F2 11.04 Tf1 0 0 ty3(u)es

UNIVERSITY OF VICTORIA

Department of Psychology
Important Course Policy Information
Winter Session 2022/23

Accessible Learning

The University of Victoria is committed to creating a learning experience that is as accessible as possible. If you anticipate or experience any barriers to learning in this course, please feel welcome to discuss your concerns with

Copyright

All course content and materials are made available by instructors for educational purposes and for the exclusive use of students registered in their class¹. The material is protected under copyright law, even if not marked with ©. Any further use or distribution of materials to others requires the written permission of the instructor, except under fair dealing or another exception in the Copyright Act. Violations may result in disciplinary action under the [Resolution of Non-Academic Misconduct Allegations policy \(AC1300\)](#) or the [Academic Integrity Policy](#), whichever is more appropriate for the situation.

Course Experience Survey (CES)

The instructor values your feedback on this course. Toward the end of term, you will have the opportunity to complete a confidential course experience survey (CES) regarding your learning experience. The survey is vital to providing feedback to

Prerequisites

University of Victoria Students' Society (UVSS)

The [UVSS](#) is a social justice based non-profit run by students, for students and is entirely separate from UVic. As an undergrad student, you are already a member! We work on issues affecting students such as affordability, public transit, sexualized violence, sustainability, student employment, and much more. We fund clubs and course unions, and have several advocacy groups. We also have a Food Bank and Free Store, a Peer Support Centre, and run your health and dental plan. We are here to support you, so please reach out to us at uvss.ca!

Academic Important Dates

Winter session - second term (January – April)

Monday, Jan 9 th	Second term classes begin for all faculties
Sunday, Jan 22 nd	Last day for 100% reduction of second term fees for standard courses 50% of tuition fees will be assessed for courses dropped after this date.
Wednesday, Jan 25 th	Last day for adding courses that begin in the second term
Tuesday, January 31 st	Last day for paying second term fees without penalty
Sunday, Feb 12 th	Last day for 50% reduction of tuition fees for standard courses 100% of tuition fees will be assessed for courses dropped after this date.
Feb 20 th - Feb 24 th	Reading Break for all faculties
Tuesday, Feb 28 th	Last day for withdrawing from full year and second term courses without penalty of failure
Thursday, Apr 6 th	Last day of classes in second term for all faculties
Apr 11 th - Apr 26 th	Second-term formal examination period

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-physicians>

Centre for Accessible Learning: s

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www.uvic.ca/services/cal/

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/

Mental Health Supports and Services: