

# PSYCHOLOGY 201 – Section A03

## Research Methods in Psychology (CRN 2885)

### Fall (Sept. - Dec.) 2024

Time: Mon/Thurs 10:00 am – 11:20 am	Room: Bob Wright Centre A104
Instructor: Patrick Montgomery Office: CORA 175 Office Hours: Mon, Thu: 11:30-12:30 Email: pjmontgomery@uvic.ca	Teaching Assistant: Sean Morgan Office: Cornett A148 Office Hours: By appointment Email: seanmorgan@uvic.ca

#### TERRITORIAL ACKNOWLEDGMENT

We acknowledge and respect the I / I N / n peoples on whose traditional territory the university stands and the Songhees, Esquimalt and Z ^ E peoples whose historical relationships with the land continue to this day.

#### PREREQUISITES & REGISTRATION

The prerequisites for PSY 201 are the completion of Psychology 100A and 100B before the end of the course change period (September 22, 2024). Students will not be added to the course after this time.

NOTE regarding registration: Registered students who do not attend at all add

#### COURSE DESCRIPTION

How can we “know” anything about the complex and endlessly fascinating topic of human behaviour? This course provides an important introduction to why and how we conduct research in psychology. Through dedicated study, you will learn important research skills that apply to both your life and your future studies in psychology.

PSY 201 is required for all psychology majors and minors, and a pre-requisite for many upper-level psychology courses. This is because it will introduce you to foundational research concepts, as well as equip you with the tools necessary to interpret and evaluate scientific knowledge.

#### LEARNING OBJECTIVES

The purpose of this course

#### REQUIRED MATERIALS

- x Lewandowski G. W., Ciarocco N. J., Strometz, D. B. (2023). *Discovering the Scientist Within: Research Methods in Psychology* (3rd ed.). Macmillan.
- x Access to Macmillan Learning Achieve (comes with book purchase from UVic Bookstore).
- x Additional readings will be assigned during the course.



## COURSE OBJECTIVES

On successfully completing this course, you should be able to:

1. Explain the relationship between science and non-science and define the general goals, approaches and methods of scientific research.
2. Differentiate between a research prediction and the hypothesis (explanation) behind it.
3. Distinguish between ethical and unethical research by applying the TCPS 2 tutorial standards.
4. Explain the difference between a construct and an operational definition, suggest one given the other, and provide some assessment of how well a particular operational definition likely represents its associated construct.
5. Define and identify examples of dependent, independent, and confounded variables.
6. Explain the im7 (d)Tj 0.002o.141 -1.761[(o) (lain)-0.8 (e)3bw 1.522 0 Td ( )Tj - (f)]TJ 0 .228 0 up)2.2 Tc 0 T





of the article focus on overall message and discuss how this impacts research or research methods. More information provided on Brightspace.

(E) LAB ATTENDANCE/PARTICIPATION (5%)

The lab is an important part of this course. Its purpose is to provide you with a smaller group learning experience where you will apply concepts learned in the lecture and textbook. You will also learn important skills such as library research, research design, data collection and entry, and communicating research.

(D) LAB ASSIGNMENT (10%)

The purpose of these is to encourage you to engage with the course material so that it is more meaningful and memorable (i.e., completing them should help you earn a better grade on your tests and final report). We will aim to provide some feedback, when feasible, as many of these assignments will help you prepare for your final paper. If you do not receive feedback, you are always welcome to ask about your received grade. Assignments are submitted to Brightspace.

(E) COMPLETION OF TCPS2 ETHICS TUTORIAL (5%)

The Canadian funding “Tri-Council” has prepared a tutorial that is required for all graduate students conducting research at UVic. Anyone involved in research should complete this tutorial. You get credit towards this course for completing it and you can add it to your resume.

(F) SELF-STUDY PROJECT (FINAL REPORT) (30%)

In addition to reading and evaluating research conducted by others, you will develop an “observational” and a “self-report” measure and use them in a study of your own behaviour. Each week you will submit draft or preliminary material you will need for your Final Report. Additional details and guidelines will be provided.

COURSE POLICIES

Please—

- Attend all classes and labs, because classroom activities and discussions are designed to

COURSE SCHEDULE

WEEK DATE

WEEK	DATE	LECTURE	TOPIC	Readings	Due Date Reminders
PART 3 – Analyzing Data					
11	11-Nov	Mon	<i>Remembrance Day – No Class</i>		
	14-Nov	Thurs	Statistics I		Article Critique 2 due (Nov 15 <sup>th</sup> )
12	18-Nov	Mon	Statistics II		

**UNIVERSITY OF VICTORIA**  
Department of Psychology  
Important Course Policy Information  
Fall

**Accessible Learning**

The University of Victoria is committed to creating a learning experience that is as accessible as possible. If you are registered with the [Centre for Accessible Learning](#) and anticipate or experience any barriers to learning in this course, please feel welcome to discuss your concerns with your instructor. If you are a student with a disability, please contact the Centre for Accessible Learning for more information. The University of Victoria is committed to creating a learning experience that is as accessible as possible. If you are registered with the [Centre for Accessible Learning](#) and anticipate or experience any barriers to learning in this course, please feel welcome to discuss your concerns with your instructor. If you are a student with a disability, please contact the Centre for Accessible Learning for more information. The University of Victoria is committed to creating a learning experience that is as accessible as possible. If you are registered with the [Centre for Accessible Learning](#) and anticipate or experience any barriers to learning in this course, please feel welcome to discuss your concerns with your instructor. If you are a student with a disability, please contact the Centre for Accessible Learning for more information.

Medical documentation for short-term absences is **not required** (approved by Senate). Students who cannot attend due to illness are asked to notify their instructors immediately. If illness, accident, or family affliction causes a student to miss the final exam or to fail to complete any required assignment/assessment by the end of the term students are required to submit a request for academic concession (see below).

**Children and Pets**

If you need to bring your children or pet to class, please do not hesitate to do so. It is understood that sometimes this is necessary due to care circumstances. However, please aim to have minimal class disturbance so that student learning is not impacted.

**Class Recording and Auto-Captioning Statement.** If you find captions are not working, please contact your instructor and/or teaching assistant that they are aware. If you require captions as part of an academic accommodation, please contact [CAL](#).

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**Commitment to Inclusivity, Diversity**

at for all its members. All members of the university community have the right to this experience and ability to help create such an environment. The University will not tolerate racism, sexualized violence, of discrimination, bullying, or harassment.

advised that, by logging into UVic's learning systems or interacting with online resources and course-communication platforms, you are engaging in a University activity.

ons within this environment are subject to the university expectations and policies. Any concerns about conduct may be reviewed and responded to in accordance with the appropriate university policy.





### **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

### **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 withd (i)5 (l)5.1 (/ (ng)6.1 ( t)2.6 (e)9 (t)2.6 (hd (a (l)5.1 ( no)1.9 (t)2.V 9 ( e)9 tT2B(t)2.73tm5L1 (i)dT06 (s)-1(i)5.1 (t)2.6 Tc 0 T6 ( a

**This classroom is a trans-inclusive space**

Please indicate if you have a preferred name and pronoun that you'd like to be used in the classroom. Please e-mail your instructor or your TA if you would like to discuss the climate of this classroom for trans students. Gender neutral bathrooms are available at UVic.

**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

Sexualized Violence Prevention and Response at UVic

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.

Having a social network is an extremely important foundation for positive mental health. There are lots of benefits to joining clubs, ~~(u)-(er)-(b)-(s)-(u)-(n)-(io)-(n)-(s)-(y)-(en)-~~