

Psychology 101.010 Spring Term, January 2022  
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### **Acknowledgement**

UBC's Point Grey Campus is located on the traditional, ancestral, and unceded territory of the xwməθkwəyəm (Musqueam) people. The land it is situated on has always been a place of learning for the Musqueam people, who for millennia have passed on their culture, history, and traditions from one generation to the next on this site.

### **\*\*COVID-19 PANDEMIC UPDATES\*\***

At the time of preparing this syllabus, UBC is planning for a return to on-campus teaching after January 24<sup>th</sup>, 2022. Bear in mind that provincial and/or UBC guidance may change in the coming weeks, and some decisions have been taken to allow maximum flexibility for the months ahead. I will announce any revisions to policies pertaining to our course (and this document) via Canvas. As a class, we have a duty of care to protect each other, our families, and communities. **If you are feeling sick, or are exposed to someone who has tested positive for Covid-19, it is important that you stay home.** As your instructor, I assure you that I will do the same. Complete a daily self-assessment for COVID-19 symptoms here: <https://bc.thrive.health/covid19/en> . This class has been designed to provide flexibility so that you can prioritize your health and still succeed in this course.

The Campus Return Plan is available at <https://covid19.ubc.ca/campus-return-plan/> and student FAQs at <https://covid19.ubc.ca/information-for-students/>

You are **required** to wear a non-medical mask during in-person classes, for your own protection and the safety and comfort of everyone else in the class. It is important that all of us feel as comfortable as possible engaging in class activities while sharing an indoor space. Non-medical masks that cover our noses and mouths are a primary tool for combating the spread of COVID-19. Further, according to the provincial mandate, masks are required in all indoor public spaces, which includes entering and exiting the classroom. If you have forgotten or lost your mask they are available at a number of places on campus including advising offices, the Nest etc. There may be students who have medical accommodations for not wearing a mask- if so, they should contact the Centre for Accessibility to determine the accommodations that will support them; these accommodations should then be communicated to the instructor. Please refrain from eating or drinking in the in-person sessions, and if you must drink please wear your mask in between sips. Please maintain a respectful environment. If you chose not to wear a mask you will be asked to leave the classroom and if you refuse the class will be terminated and will revert to an online lecture.

## **Course Description and Objectives:**

In this course you will develop a deeper understanding of how your brain works, about how information gets into the brain, is processed by the brain and how this regulates how the brain then directs behaviour. This is a one-term course that offers an Introduction to Biological and Cognitive Psychology. This course is designed to introduce you to Psychology as a science. This term will include materials that illustrate how research is done in psychology, and how the data are viewed and analyzed. It will deal with the evolution and biological basis of behaviour (after all we are living creatures). It will investigate how information is acquired from the external world, which will involve the processes of sensation and perception. We will also explore issues of learning, memory, cognition language and consciousness. This is a broad ranging survey in order to introduce you to many of the aspects of Biological and Cognitive Psychology.

### **Mandatory Text:**

Psychology, Canadian 5<sup>th</sup> Edition by Schacter, Gilbert, Nock, Johnsrude and Wegner (ISBN 978-1-319-19080-4). The text comes packaged with an access code for the Launchpad course which includes online access to a text website with study tools including an electronic version of the text, **an additional chapter (Gray, Psychology 8<sup>th</sup> edition Chapter 3) that we will use for this course**, practice quizzes, chapter reviews, relevant links, videos and more can be found at the UBC Canvas site.

### **THERE ARE SPECIAL INSTRUCTIONS FOR YOUR COURSE MATERIALS FOR THIS COURSE!**

This course will be using a product that is integrated into Canvas. To utilize this material, you **MUST** purchase your course materials for this course at the UBC Bookstore. Purchases from any other retailer (ie. Amazon, Discount Textbooks, etc.) are not able to be verified through the course site, and you will not be able to access the content needed.

You have two options of purchasing your course materials for this course:

- 1) Purchase either the physical or digital product in-store or online at the UBC Bookstore – for these purchases you **MUST** keep your receipt in order to verify the purchase on canvas.
- 2) Log into canvas and follow the link to purchase the required materials (\*Please note, you can only purchase the digital product through this option).

If you purchase in-store or online from the bookstore, you will need to log into canvas and click on the ‘Redeem Your Purchase Receipt Number’ option in order to verify your purchase and gain access to the online materials.

**Instructor:** Dr. Catharine Rankin- Dr. Rankin is a professor in the Psychology Department in the area of Behavioural Neuroscience. Her research focuses on the neural basis of learning and memory.

**Teaching Assistants:** Joseph Liang – Available to meet via Zoom. email:

joseph.liang@psych.ubc.ca. Office hours: Wed 11am-12pm or by appointment. Joseph is a PhD student in Neuroscience and is working in Dr. Rankin’s lab.

**Office Hours:** Most problems should be referred first to the teaching assistant for this course. I will be available after class most days. Otherwise please email to set up an appointment.

Appropriate use of email: Use email to the TA and the professor wisely- in order to be answered an email must include your name and student number. A long list of questions will not be answered by email- your best option is to set up an appointment with the TA to ask your questions.

**Updates to the course outline and important information about the course will be posted on the Canvas website so check it regularly.** I often send out emails to all of the students in the class (The TA will also send out announcements via UBC Canvas) so please ensure that the Registrar has an up-to-date email address for you.

### **Course Website:**

Much of course material will be delivered online (especially when we are in on-line teaching mode), so most of your interaction with the course will be through the course Canvas page. Important announcements and resources (such as lecture slides) can be found on UBC Canvas. You are responsible for checking this site frequently. To access the website, go to <https://canvas.ubc.ca> and log in using your CWL. You can also access many other links such as Zoom, iClicker, Piazza and Launchpad through the Canvas website. Launchpad is a treasure box of resources that will help you study for this course. In particular, there is a chapter quiz at the end of every chapter, due usually the week after the chapter has been covered in lecture, or before the relevant quiz (whichever comes earliest). **These chapter quizzes are worth 3% of your grade.**

### **Classes:**

**Live lectures will be held on Tuesday and Thursday, 9:30am to 11:00am (Vancouver Time) Online.** Lectures will be held on Zoom (for at least the first 2 weeks) and/or in person in CIRS 1250 (recordings will continue to be made and posted). To attend on Zoom go to Canvas and click on the Zoom module in the sidebar. You should be able to access the lecture zoom link there. Attendance is expected and is necessary for success. Please show respect for your fellow learners and leaders, including arriving on time and reading in advance, please refrain from distracting conversations or computer activities during class or visual/audio distraction on zoom calls. Class ends at 10:45 and you are expected to stay until the end of the lecture. We understand that for some of you being available for live lectures will be difficult because of your time zone or other circumstances. **Recordings of the live lectures will be made available for 24 hours on the Zoom module on Canvas under the “Cloud Recordings” tab.** PowerPoint slides are made available *after* each lecture.

You will be responsible for reading the materials in the text in the order shown on the schedule. There may also be additional readings posted on the UBC Canvas website. The text and readings contain a lot of material that will not be covered directly in the lectures. You are, however, still responsible for that material. On the other hand, there is also a lot of material that will be covered in the lectures that will not appear in the readings. Every text is, by necessity, always several years out of date in its coverage, and somewhat limited in its scope, hence the lectures will cover material

which the text does not, or cannot, include. In any event, you will generally find that if you have done the reading BEFORE the lectures, the material given in class will be clearer and more easily retained.

**Evaluation:**

There will be 3 multiple choice quizzes: they will be on Feb 10, on March 17 and a final quiz scheduled during the Spring exam period. Each quiz will consist of 60 questions to be answered in 50 minutes, so you must really know the material well. Each quiz including the final is worth 29% of your final grade. Launchpad chapter quizzes will be worth 3% of your grade and must be completed within one week after the chapter has been taught in lecture. Additional resources (including the LearningCurve activities, which are assigned but not for marks) are available for you as a learning resource. In addition, a total of 8% of your final grade will come from in course discussions: 3% of your final grade will come from Piazza discussions and 5% of your final grade will come from multiple choice i-clicker questions during each class. A final 2% of your grade will come from participation in Psychology experiments.

<u>Activity</u>	<u>% Weight</u>
Quiz 1	29
Quiz 2	29
Quiz 3	29
Chapter Quizzes (Launchpad)	3
Piazza Discussion	3
I-Clicker/I-Clicker Assignments	5
Research Experience (or alternative assignment)	2
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<b>Total</b>	<b>100</b>
Extra credit for additional research participation or alternative papers	+3

**NOTE:** the Registrar determines the date of the final exam- the exam schedule is usually available mid-February. **Do not plan trips, book flights or schedule things in April** until the exam schedule is available.

**iClicker:** This year, we are using iClicker Reef or iClicker Cloud. To learn more about how to set up your iClicker account and use iClicker, [click here](#). iClicker questions and polls will be integrated into almost every live lecture and is worth 5% of your overall grade. If for some reason you are not available for the live lecture, iClicker assignments will be posted and made available for 12 hours after the lecture.

**Piazza:** After every lecture, a piazza discussion room will be available for 24 hours for students to discuss with each other the concepts covered in each lecture. We want you to utilize this

discussion platform to explore the contents of each lecture amongst yourselves (instructors will also pop in). For every discussion room you participate in, you earn a point (i.e. 1 point for each lecture). Your participation in Piazza is worth 3% of your overall grade. To sign up for access to the Piazza room for this course, [click here](#) and use the access code “PSYC101\_010”. After signing up, you should be able to access Piazza through the Canvas page.

**Quizzes:** Quizzes will be non-cumulative and will consist of multiple-choice questions. Each exam will cover only the material that you have not yet been tested on. Material covered in the exams is about equally divided between the readings and the lecture material. Quizzes and exams will be administered online in the Canvas page. For this course, no proctoring software will be used and instead we will scramble questions and order of multiple choices so each student will get a slightly different exam.

### **Research Experience Component (REQUIRED): 2% of final grade**

Psychology is an active and exciting scientific discipline. Many of the studies that you will learn about in this course were carried out at universities just like ours! As part of this course, you will be asked to complete a research experience component (REC) as way of introducing you, in a more hands-on and interactive way, to cutting edge research in psychology. This REC will be worth 2% of your grade in the class and you are free to choose one of two options:

Participate in the Psychology Department Human Subjects Pool

Most students will choose to earn their research experience component by spending **two hours participating in psychology studies (worth 1% point for each hour)** through the Department of Psychology’s Human Subject Pool (HSP) system. You can locate, create an account, and sign up for studies by going to <https://ubc-psych.sona-systems.com> **Please register in the system by the end of the first month of classes to have the opportunity to earn your first 1/2 hour credit with a brief online survey that will increase your eligibility for more studies.**

Once registered in the system, you will be able to browse through and select which studies you wish to participate in, sign up for an available timeslot, and confirm your accumulated credits afterward. For this term, you can complete all your HSP credits through online studies. At the end of the last day of class for the term, the subject pool is closed. At that point, you will no longer be able to receive credits. I strongly urge you to participate in and confirm your credits long *before* the last week of class. Further instruction on how to use the HSP online system can be found on this course’s Canvas website in the document entitled “Subject Pool Information for Participants.”

### **Extra credit**

You may earn up to **3% extra credit** that will be added to your final grade. These extra credit points can be earned by doing up to three additional hours of study participation in the HSP (or summarizing another three additional journal articles for the library option) as described above as the research experience component of the course.

### Alternative assignment: Library writing projects

As an alternative to participating in the Subject Pool, you can instead choose to complete two library writing projects (worth 1% point each) for the required points and 3 library writing assignments for the bonus points. For these assignments, you will read and

summarize two research articles. You must select a research article (not a letter to the editor, commentary, or review paper) published between 2000-present in the journal *Psychological Science* – one of the disciplines’ leading journals. Each summary should be about 500 words and should describe the purpose, method and results of the study *in your own words*. Please see the “Subject Pool Information for Participants” document found on the course Connect website for further instructions and deadlines. **If you choose the library option, you must, a) submit your summaries and a copy of the articles to the appropriate person (not the instructor) no later than 10 days before the end of classes, and b) submit each summary to turnitin.com.** If you don’t have a turnitin account already (from a previous course), you will need to create a user account in Turnitin. For the library assignment the class ID is 31445496, class name is “HSP 2021-22 (Fall Term 1)” and password is “Research”. See [www.turnitin.com](http://www.turnitin.com), and click on the “Training” link at the top of the page for detailed instructions on how to submit papers to Turnitin.

**Any student who is suspected of plagiarism will, at a minimum, not be granted credit, and their course instructor will be notified.**  
**Further action may be taken at a departmental or university level.**

**IMPORTANT NOTE:** Classes of this size add certain constraints on the way in which I must teach the course. One such constraint is that there will be no (for emphasis let us repeat the word NO) make up exams in this course. If you miss an exam you will simply lose the number of points associated with it. Your grade will be computed as if that particular entry was a zero. **The only exceptions to this are validated academic concessions. There is a new policy in regards to requesting academic concessions – please read the following information closely:**

Students must contact me or your TA via email as soon as you are aware you may need such an in-term concession. We will then adjudicate the request. As per requirements from the Arts Advising office, please include a Student Self-Declaration Form, found on the Arts Advising Website and on the Canvas Home page. If you require a second concession, you must make your request directly to your Faculty Advising Office. Do be proactive- if things are going wrong act before an exam not after- once the exam is written I can do nothing for you. If you do miss the exam you will also miss the points that it represents -- the choice, of course, is yours.

**RESPECTFUL & ETHICAL CONDUCT** You are expected to treat all your classmates, your instructor, your TAs, and yourself with respect at all times, both in and out of the classroom, face-to-face and in writing (e.g., on email). This includes arriving to class on time and, especially if you are late, minimizing distractions for other students. Please ensure cellphones are on vibrate and, if you must take an emergency call, quietly leave the classroom to do so.

You are responsible for your own learning. Cheating of any kind will **not** be tolerated, including dishonest use of the i-clicker (e.g., entering responses for an absent classmate). See the section on academic misconduct for more information about plagiarism and exams.

Cheating on the tests is unacceptable and anyone seen using any form of notes, looking at others papers or giving or requesting information from other students, or cheating in any form during the quiz will be given a zero for the exam and will be reported to the President's advisory committee for student discipline.

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## Psychology Department's Position on Academic Misconduct

Cheating, plagiarism, and other forms of academic misconduct are very serious concerns of the University, and the Department of Psychology has taken steps to alleviate them. In the first place, the Department has implemented software that can reliably detect cheating on multiple-choice exams by analyzing the patterns of students' responses. In addition, the Department subscribes to *TurnItIn*--a service designed to detect and deter plagiarism. All materials (term papers, lab reports, etc.) that students submit for grading will be scanned and compared to over 5 billion pages of content located on the Internet or in TurnItIn's own proprietary databases. The results of these comparisons are compiled into customized "Originality Reports" containing several, sensitive measures of plagiarism; instructors receive copies of these reports for every student in their class.

In all cases of suspected academic misconduct, the parties involved will be pursued to the fullest extent dictated by the guidelines of the University. Strong evidence of cheating or plagiarism may result in a zero credit for the work in question. According to the University Act (section 61), the President of UBC has the right to impose harsher penalties including (but not limited to) a failing grade for the course, suspension from the University, cancellation of scholarships, or a notation added to a student's transcript. All graded work in this course, unless otherwise specified, is to be original work done independently by individuals. Do **not** use Google/Yahoo Search/etc. to find articles for assignments in this course. **Do** use any of the indexes and databases listed under Indexes and Databases, Subject Resources, OneSearch or Metasearch on the Library's website at <http://www.library.ubc.ca>. (Not sure which index to use? Click HELP on the library homepage at [www.library.ubc.ca](http://www.library.ubc.ca) or try Subject Resources.)

If you have any questions as to whether or not what you are doing is even a borderline case of academic misconduct, please consult your instructor. For details on pertinent University policies and procedures, please see Chapter 5 in the UBC Calendar (<http://students.ubc.ca/calendar>).

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To understand how to avoid plagiarism: <https://www.plagiarism.org/article/what-is-plagiarism> and <https://www.plagiarism.org/article/preventing-plagiarism-when-writing>

Scaling: 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.

Further information about academic regulations, course withdrawal dates and credits can be found in the university Calendar. You are encouraged to read this material. If you run into trouble and need information about studying, preparing for exams, note-taking or time management, free workshops and advice are available from the Student Resources Centre which can be reached through the School and College Liaison Office at 822-4319.

**Department of Psychology policies: PSYC 100 and 200-level courses.** In order to reduce grade inflation and maintain equity across multiple course sections, all psychology courses are required to comply with departmental norms regarding grade distributions. According to departmental norms, for the academic year of 2021/2022 the average grade in a 100- and 200-level Psychology courses are **74 for an exceptionally strong class, 70 for an average class, and 65 for a weak class**, with a standard deviation of 14.

Remember January 21, 2022 is the last day to withdraw without a "W" on transcript - last day to withdraw with a "W" on transcript is March 4, 2022.

**IMPORTANT:** By week 2 of classes you will need the text, access to the course website and an iClicker registered on the website. Access to Launchpad is highly recommended.

Psychology 101 Introductory to Biological and Cognitive Psychology, January, 2022  
Tentative Course Outline (subject to change-before any quiz check with TA)

Month	Date	Topic	
Jan.	11, 13	Introduction and History	S1
	18, 20	Methods in Psychology	S2
	25, 27	Evolution, Heredity and Behavior	G3, S3 (p106-111)
Feb.	1, 3, 8	Biology of Behavior	S3
	10	<b>Quiz 1: 29% of grade</b>	
	15, 17	Consciousness	S5
	22, 24	<b><u>Reading Week</u></b>	
Mar.	1, 3, 8	<u>Sensation</u> and Perception	S4
	10, 15	Sensation and <u>Perception</u>	S4
	17	<b>Quiz 2: 29% of grade</b>	
	22, 24	Learning	S7
Apr.	29, 30	Memory	S6
	4, 7	Language and Thought	S9

**April- During final exams- Quiz 3 worth 29% of grade**