

Psychology 260: Experimental Psychology and Laboratory **2017/2018 Winter Term 1**

When: TTh, 9:30-10:45 am

Where: BUCH B215

Instructor:

Daniel Tobiansky, Ph.D.

Office: S255 Koerner Pavilion (UBC Hospital)

E-mail: djtobiansky@psych.ubc.ca

*** *If you have questions, I would like to help you in person. I will only use email to schedule in-person meetings.*

Office Hours***

Tuesdays 1-3pm
& by appointment

Teaching Assistants:

Shaina Cahill, M.Sc.; scahill@psych.ubc.ca

Nicole Jenni, B.A.; nicolejenni@psych.ubc.ca

Alyssa Ash, B.A.; alyssa.ash@alumni.ubc.ca

*** *If you have questions, please see the TAs in person. The TAs will only use email to schedule in-person meetings.*

Offices and Hours***

S144 Koerner Pavilion (2nd floor)
(UBC Hospital)

Hours to be announced in class

Course Material:

Required:

- Biological Psychology, 12th Edition, J.W. Kalat. It is best to get the 12th edition. Can buy the book at the UBC Bookstore or Amazon etc.
- PowerPoint slides (lecture notes) will be posted on our Connect website (<http://connect.ubc.ca>) in the *Course Content* section. Slides will be available online before the lecture. Print out the slides so you can take notes on them during lecture. The slides will be missing critical information that will be tested on the exams. Missing information will be provided during lectures, so attend all the lectures. Selected articles and viewing/listening material will also be posted here. If you would like to go over a particular class/PowerPoint, please contact either your TA or me.

Course Overview:

This course will introduce you to the scientific study of behavioral neuroscience. Topics will include: neuroanatomy, neurochemistry, neuroendocrinology, and neural circuits for behaviors. This course is also designed to encourage critical and creative thinking, as well as improve written and oral communication. Questions and discussion are **strongly** encouraged.

*** **Please arrive to lecture on time. Late arrivals are disruptive.**

*** **All students who plan on using laptops or tablets are asked to sit in the back 2 rows of the classroom as to not distract those behind them.** Using a laptop to take notes during a lecture may seem efficient, but it has been shown by research to side-track attention in detrimental ways -- both yours and the attention of other students around you (Fried, 2008; Sana, Weston, & Cepeda, 2013). This may be especially true in a dimly lit classroom, where the relatively brightly lit screens of laptops and other electronics stand

out and draw attention to them involuntarily. Because of this, our policy on the use of electronics will be as follows: The back 2 rows of the classroom will be reserved for laptop users. Please do not use a laptop if you are sitting anywhere else in the classroom. If you want to surf the internet (e.g., Netflix, Reddit, etc.) while in class, that is your decision, but I suggest staying at home. You would be more comfortable and you wouldn't be a distraction to others.

***** Turn off and put away your phone during lectures and exams. Come to lectures to listen, think, and actively participate.**

Course Assessments:

In Class Exams:

- There will be 3 exams throughout the semester.
- Each exam will cover the material from the lessons since the previous exam. The second midterm will not be cumulative. The final exam will be cumulative, but with strong emphasis on the last third of the course.
- You will get one full class period (75 minutes) to complete each midterm exam. Each midterm exams will be worth 20% of your final grade and your final exam will be worth 35%.
- Exams will contain short answer, long answer and multiple choice questions.
- The emphasis is on critical thinking, analysis of experimental design, interpretation of data, and proposing new experiments. Each question will specify how much it is worth within the exam.
- Students can view their marked exams with their TA or professor. The exam remains the property of the university. Regrade requests must be made *in writing* to the professor. The professor reserves the right to regrade the entire exam (not just a particular question), which means that your grade could go down upon regrading.

Course Grades:

Your laboratory grades and exams will be averaged according to the percentages (weights) shown below. Your grades will be posted on Connect under the *My Grades* section. Please check grades periodically, as there can be input errors. As long as there were no input errors grades *will not* be changed after the semester has ended. Final grades will be scaled as shown below:

<i>Assessment</i>	<i>Weight</i>
Total midterm exam points converted to a percent	40%
Total final exam points converted to a percent	35%
Total points in the Laboratory Section converted to percent	25%

Other Considerations:

- *Department of Psychology policy for 200-level courses. Averages will be 63-67% with a standard deviation of 14%. Grades are not official until they appear on your academic record.*

- *No Extra Credit. Your final grade is composed of your exams, laboratory, and quiz grades and that is it.*

- *Attendance.* Attendance will not be taken, although students who come to class are more likely to be better on exams.
- *Please come to office hours if you do poorly on any exam or feel like you need extra help or you just want to talk. I am happy to help and am here to make sure that you learn and understand the material.*

Accommodations for Persons with Disabilities

If you experience difficulty in this course for any reason, please don't hesitate to consult with me. In addition to the resources of the department, a wide range of services are available to support you in your efforts to meet the course requirements. The University of British Columbia provides upon request appropriate academic accommodations for qualified students with disabilities. If you qualify for accommodations because of a disability, please notify me in a timely manner so that we can make arrangements to address your needs.

Academic Integrity

Cheating, plagiarism, and other forms of academic misconduct are very serious concerns, and the Department of Psychology at the University of British Columbia has taken steps to alleviate them. First, the Department has implemented software that can reliably detect cheating on multiple-choice exams by analyzing the patterns of students' responses. Second, the Department subscribes to TurnItIn, a service designed to detect plagiarism. All materials that students submit will be scanned and compared to over 4.5 billion pages of content located on the Internet or in TurnItIn's own databases. The results are compiled into customized "Originality Reports" containing several sensitive measures of plagiarism; instructors receive copies of these reports for every student in their class. Google and Google Scholar can also readily detect plagiarism.

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. 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.

Missed quizzes/exams due to Religious Holidays:

Religious holy days sometimes conflict with class and examination schedules. If you miss a work assignment or other project due to the observance of a religious holy day you will be given an opportunity to complete the work missed within a reasonable time after the absence. It is the policy of the University of British Columbia that you must notify each of your instructors at least fourteen days prior to the classes scheduled on dates you will be absent to observe a religious holy day.

See <http://students.ubc.ca/enrolment/exams/exam-policies> for more information.

Policy on missed tests and extensions:

- Make-up tests will only be given for validated medical reasons, without exception.

- If you miss an exam, you must email the professor within 24 hours of the exam.
- If you submit medical documentation make sure it contains the statement, "This student was unable to write the test on (date) for medical reasons."
- You are advised to see your physician within one day of the missed test. Many physicians will not provide documentation retroactively.
- All medical excuses must be personally presented to the professor as soon as you are able to return to class for a make-up exam to be scheduled.
- Make-up exams will consist of an oral exam in front of the professor and the TA.

In the event of an emergency

Occupants of buildings on The University of British Columbia campus are required to evacuate buildings when a fire alarm is activated. Alarm activation or announcement requires exiting and assembling outside.

Familiarize yourself with all exit doors of each classroom and building you may occupy. Remember that the nearest exit door may not be the one you used when entering the building.

Students requiring assistance in evacuation shall inform their instructor in writing during the first week of class.

In the event of an evacuation, follow the instruction of faculty or class instructors. Do not re-enter a building unless given instructions by the following: Vancouver Fire Department, The University of British Columbia Police Department, or Fire Prevention Services office. Link to information regarding emergency evacuation routes and emergency procedures can be found at: <https://www.ubc.ca/emergency/>

Course restrictions:

Enrollment in this course is required of and restricted to Psychology (Behavioural Neuroscience) B.Sc. students. Psychology (Behavioural Neuroscience) B.Sc. students will not receive credit for BIOL 300, STAT 200, PSYC 217, PSYC 218, PSYC 304.
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Laboratory policies:

See the lab manual and the TAs for specific rules and policies.

A final note:

Information about academic regulations, course withdrawal dates and credits can be found in the University Calendar. If you need information about studying, note taking or time management, then free workshops and advice are available from the Student Resources Centre.

Any changes or deviations from this syllabus (e.g. order in which topics are covered) will be announced in class.

Calendar:

Following are the topics to be covered and the readings that students are expected to be doing, whether or not the material is explicitly addressed in class. Students should keep up with the readings from all sources. Topics and assignment due dates are subject to change.

Dates	Week	Topic	Kalat	Other Material
9/7	1	What is Behavioral Neuroscience?	pp. 3-13, 509-11	
9/12	2	History, Philosophy, and Evolution of the Brain	pp. 16-7, 40-1, 104-14	See Connect
9/14		Neuroanatomy I	pp. 65-79	
9/19	3	Neuroanatomy II	pp. 80-101	
9/21		Neurophysiology	pp. 15-37, 503-507	
9/26	4	Neurochemistry	pp. 39-57, 465-474	
9/28		Neuroendocrinology	pp. 57-62, 325-29, 383-4	See Connect
10/3	5	Midterm Review/Catch-up	Review	
10/5		MIDTERM I	None	
10/10	6	Neural Development	pp. 117-27, 499-502	
10/12		Neuropharmacology	pp. 466-474	See Connect
10/17	7	Neurobiology of Hunger and Thirst I	pp. 307-313	
10/19		Neurobiology of Hunger and Thirst II	pp. 313-323	
10/24	8	Neurobiology of Sleep I	pp. 261-271	
10/26		Neurobiology of Sleep II	pp. 91, 272-290	
10/31	9	Midterm II Info and Review/ Catch-up	Review	
11/2		MIDTERM II	None	
11/7	10	Neurobiology of Reproductive Behavior I	pp. 325-340	
11/9		Neurobiology of Reproductive Behavior II (Guest speaker?)	pp. 341-353	
11/14	11	Neurobiology of Emotions and Aggression I (Guest speaker?)	pp. 355-370	
11/16		Neurobiology of Emotions and Aggression II	None	
11/21	12	Neurobiology of Stress I (Guest speaker)	pp. 383-388	
11/23		Neurobiology of Stress II	pp. 475-486	
11/28	13	Final Info, Review, and Catch-up	Review	
11/30		Conclusions	Review	
12/5	14	FINAL EXAMS BEGIN		

