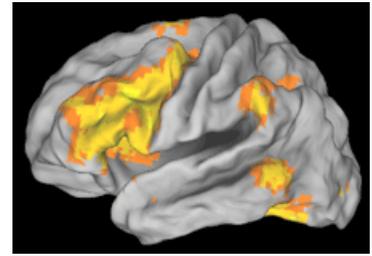


PSYCHOLOGY 101 - Section 001

Introduction to Biological and Cognitive Psychology

3 credits

University of British Columbia, Vancouver
Fall 2014
MWF 08:00 - 09:00
CIRS 1250



Instructor: Dr. Michael Souza ("sues-uh")
E-mail: souza@psych.ubc.ca
Office Hours: Tues 8A-9A in CIRS 4336

Teaching assistant: Melanie Tremblay
E-mail: melanie.t@psych.ubc.ca
Office Hours: Tues 4P-5P in Kenny 3510

Teaching assistant: Shunya Yagi
E-mail: syagi@psych.ubc.ca
Office Hours: Thurs 10A-11A in Kenny 3510

I. Your instructor and teaching assistants



Dr. Souza is a faculty member in Psychology. He received his Ph.D. in Psychology from Berkeley. His interests revolve around higher-order cognitive functions, neurological injury and rehabilitation. He is also interested in fostering opportunities that promote student development.

Melanie is a Behavioral Neuroscience graduate student in the Department of Psychology. She received her BA (Honours) from UBC. Her research focuses on Parkinson's Disease and developing a better understanding of the molecular basis for various treatments.

Shunya is a 2nd-year MSc student in Neuroscience. He received his BSc in Zoology from Kent State University, USA and Kyushu University, Japan. His research focuses on the hormonal regulations of adult neurogenesis and behavior.

II. Course description and goals

In this course, we will explore the biological and cognitive aspects of psychology. To this end, we will cover a number of topics, including history, research methods, neuroscience, sensation and perception, learning and memory, language, consciousness and thinking. After successful completion of this course, you will have:

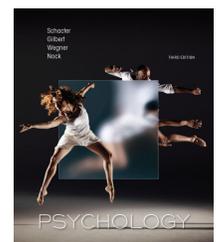
- developed knowledge about how neural structures are linked to various psychological processes;
- practiced applying the scientific method to try to answer important questions in psychological science;
- considered how interdisciplinary the questions in psychological science are, and how we partner with other disciplines to tackle these questions;
- applied basic research in psychology to everyday life, wherever possible

III. Required textbook

Schacter, D.L., Gilbert, D.T. & Wegner, D.M, Nock, M.K. (2014). *Psychology* (3rd ed).
New York: Worth. ISBN-13: 9781464106033

>> please note: You should NOT use other editions.

In the UBC Bookstore, this book may come bundled with supplemental materials (i.e., LaunchPad). Please note that these materials are NOT required, although they may prove helpful to you as you navigate the textbook material.



IV. Course webpage

<http://elearning.ubc.ca/connect/> (location for important announcements, lecture slides and grades)

V. Course requirements

Midterm Examinations I & II (25% for MT1 and 33% for MT2 = 58% of the course grade)

Each midterm will consist of 40 multiple-choice questions. These questions may come in various formats, including (but not limited to) questions with diagrams and “all of the above” or “none of the above” options. There will be more of a focus from lecture versus the textbook but to perform well, you must have a clear understanding of both lecture and the textbook.

Final Examination (40% of course grade)

The Final will be structurally similar to the midterms but it will be cumulative and longer. For the Final, every lecture is testable but only the assigned readings post-MT2 will be testable. There will be more of a focus from lecture versus the textbook but to perform well, you must have a clear understanding of both lecture and the textbook. **Please note: the date of the final is not announced by the University until mid-October. You should NOT make travel plans until you learn the date of your final exams. You CANNOT take the final at a different date/time unless you have a verifiable medical reason.**

Research participation (2% of the course 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://hsp.psych.ubc.ca>. Please register in the system ASAP to have the opportunity to earn your first ½ 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. **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 at <http://www.psych.ubc.ca/resguide.psy> in the document entitled “Subject Pool Information for Participants.”

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 this assignment, 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 at <http://www.psych.ubc.ca/resguide.psy> for further instructions. If you choose the library option, you must, a) submit your summaries and a copy of the articles 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 2828541,

password is library. See 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.

VI. Research participation (optional extra credit opportunity)

You have the opportunity to earn and add up to three (3) extra percentage points to your course grade by participating in research studies coordinated through the human subject pool (HSP). As an alternative to participating in studies, you may choose to complete library writing assignments. For more details about how to pursue either of these options, please refer to the "Research Participation" heading under Section V.

Any credits you earn will first be applied to the course requirement of 2%. Any additional credits will be applied to extra credit. For extra credit, one percentage point is assigned to your final grade for each hour of participation, and partial credits will be rounded down (i.e., 1.5 hours extra credit hours = 1% extra credit). Credits can be recorded and tracked via the HSP website. Extra credit is added to your grade at the end of the course. **If you do not correctly assign your credits to this course, you will NOT receive credit.**

Please note: absolutely no other extra credit opportunities are available for this course.

VII. Course grading

Your final grade consists of the items described in Section V. Performance for each of the items above will be put into a calculator that outputs your final course percentage earned. As mentioned in Section VI, any extra credit earned will be added to this final score.

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, **the mean grade in a 100-level class is 69 for a good class, 67 for an average class, and 65 for a weak class, with a standard deviation of 14.** Scaling may be used in order to comply with these norms; grades may be scaled up or down as necessary by the professor or department. Grades are not official until they appear on a student's academic record. You will receive both a percent and a letter grade for this course. At UBC, your course percentage is converted according to the key below:

A+	90-100%	B+	76-79%	C+	64-67%	D	50-54%
A	85-89%	B	72-75%	C	60-63%	F	0-49%
A-	80-84%	B-	68-71%	C-	55-59%		

Remember, you are earning a degree at a highly reputable post-secondary institution. Therefore, criteria for success are high. The Faculty of Arts offers the following guidelines that broadly characterize the kind of work that is generally associated with the main grade ranges. These characteristics help to put the Psychology Department Grading Policies into context. Please note that adequate performance is in the C range, which is the typical class average.

A RANGE: *Exceptional Performance.* Strong evidence of original thinking; good organization in written work; capacity to analyze (i.e., break ideas down) and to synthesize (i.e., bring different ideas together in a coherent way); superior grasp of subject matter with sound critical evaluations; evidence of extensive knowledge base.

B RANGE: *Competent Performance.* Evidence of grasp of subject matter; some evidence of critical capacity and analytic ability; reasonable understanding of relevant issues; evidence of familiarity with the literature.

D-C RANGE: Adequate Performance. Understanding of the subject matter; ability to develop solutions to simple problems in the material; acceptable but uninspired work; not seriously faulty but lacking style and vigor.

F RANGE: Inadequate Performance. Little or no evidence of understanding of the subject matter; weakness in critical and analytical skills; limited or irrelevant use of the literature.

VIII. Course policies

Class participation

Active learning is a critical component of a proper education and for that reason it will be frequently promoted during the term. You may be asked to answer questions at any point in class and you are expected to do your best. It is OK to not know the answer in this context but it is NOT acceptable to not try.

Attendance and Powerpoint slides

Attendance is expected for every class period. In the event you miss a lecture, I strongly suggested that you acquire notes from a fellow classmate. The primary reason for this is that lecture slides are designed to give you a framework of our discussions, as opposed to giving you every piece of information discussed in class.

For your convenience, lecture slides will usually be posted by 10PM the evening before a lecture. They will be posted in PDF format in two versions only (2 slides and 6 slides per page). ***Instructional materials are solely for the purpose of learning in this course and must not be distributed or used for any other reason.***

Reading the textbook

The textbook is designed to reinforce lecture concepts and to introduce pieces of information that were not discussed in lecture. In addition to questions covering lecture, the exams will also have questions exclusively from the textbook. Thus, superior performance on the exams will require a thorough reading and understanding of the textbook.

E-mail policy

In most cases, e-mails will be answered within 48 hours of receipt (not including weekends). The email subject should include the course and nature of the inquiry (i.e., "PSYC 101 – Question about chemical transmission"). Emails should contain no more than one question and you should try to explain your current understanding of the concept in the email (which will be affirmed or corrected). If you have more than one question, you should visit office hours. Please note that emails about test questions may not be answered the day before an exam.

Class discussion board on Connect

For your convenience, discussion threads will be created to improve information flow in our course. Logistical questions may be directed to the instructor on one thread. Inquiries, requests for class notes or study partners *directed to fellow students* may be posted on a second thread. Please note that you are NOT allowed to post class notes on the discussion board. Finally, current research in psychology will be posted on the third thread. Negative remarks on any of these discussion forums will not be tolerated and failure to respect this policy may result in your access to our course website being revoked.

Syllabus changes

There may be minor changes to the syllabus during the term. You will be notified of these changes ASAP and no changes will be instituted that dramatically affect your ability to properly prepare for an examination (e.g., reading an extra chapter during the week of the midterm).

Office hours

You should consider visiting Melanie's and/or Shunya's office hours if you would like to review one of your midterm examinations (note: only the TAs will have your exams for review), if you would like to discuss course content and/or study strategies, or you would like to discuss the field of psychology more broadly. When reviewing your exam during office hours, you are NOT allowed to take notes or photos.

You should consider visiting Dr. Souza's office hours if you would like to discuss course content (or psychology more broadly) or if you have an issue with course performance or progress (e.g., would like to discuss your exam performance after meeting with one of our TAs or you missed an exam due to illness). Please note that any grade-based disputes (other than calculation errors) must be handled within two (2) weeks of the scores being released.

Classroom conduct

Our classroom is a place where you should always feel safe and respected. It is also a place that is conducive to learning and intellectual curiosity. Any behaviors compromising this environment will not be tolerated and the student(s) and/or individual(s) will be asked to leave.

Taking an examination

In my opinion, punctuality to lectures and exams is a sign of respect to your instructor, teaching fellow and fellow students. Tardy students should not ask the instructor or teaching fellow for what they missed from lecture because they should direct such questions to fellow students. Furthermore, a student will not be allowed to write a midterm or the Final if (1) s/he is tardy 30 minutes or more, or (2) a student has already finished and submitted their exam, whichever occurs first. Students in this situation will not be allowed to write the exam and will receive a zero. **Absolutely no exceptions will be made.**

There will be no "in and out" privileges once you've started an exam (e.g., bathroom break) unless you have a documented medical reason for doing so. Medical documentation must be disclosed with Dr. Souza at least 24 hours prior to the exam so that the proper arrangements can be made.

When time is called at the end of the exam, you must immediately stop working and submit your exam and scantron form. You will not be allowed more time for any reason, including (but not limited to): putting your name or ID on the exam or filling in or changing an answer. You must also remain completely silent until every exam has been collected. Failure to stop working when time is called or to stay silent until all exams have been collected will result in a zero on the exam.

Missing a midterm or the Final

The midterms cannot be written at another time. You will not be accommodated for missing a midterm unless you have a valid doctor's note (which will be verified). If you are a student from the Faculty of Arts, you must meet with an Arts Advisor within 48 hours of missing the exam (unless it is medically impossible). If you are from a different faculty, you should provide Dr. Souza with your medical note within the same time frame. Non-Arts students may scan and email their medical note to Dr. Souza. Being excused from an examination is at the sole discretion of Dr. Souza.

If you are excused from Midterm 1, that portion of the course grade will be evenly split between Midterm 2 and the Final. If you are excused from Midterm 2, that portion of the course grade will be added to the Final. If you are excused from both Midterm 1 and Midterm 2, you will be assigned a research paper (or project) to make up for the portion of the grade corresponding to Midterm 2. If you miss the final examination, you must connect with Arts Advising to address the issue. Make-ups for the Final may differ from the version used for the rest of the class.

Access and Diversity

UBC is committed to equal opportunity in education for all students including those with documented physical or learning disabilities. If you believe you fall in this category, please visit this website (<http://www.students.ubc.ca/access/disability-services/support-students/exam-accommodations/>) to take the necessary steps to ensure that you have every opportunity that you deserve to excel here at UBC.

Grade bumps

When computing final grades, the instructor carefully analyzes every single student to determine whether a grade bump is deserved. Bumps may be awarded for consistent performance at a major grade boundary or for marked improvement from the midterm to the final (10%+ at minimum). Bumps are not guaranteed and are **not** awarded for non-academic reasons (i.e., student is graduating and/or involved in sports or other extracurricular activities). **DO NOT send the instructor an email asking for a grade bump.**

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. Relevant to this course, the Department has implemented software that, can reliably detect cheating on multiple-choice exams by analyzing the patterns of students' responses. This will be used for every assessment we take in this course.

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 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.

Do note that during exams, the instructor and invigilators reserve the right to move students in their seating arrangement with no explanation provided.

IX. Links that you may find useful...

Helpful student information

UBC Academic Calendar	http://www.calendar.ubc.ca/vancouver/academicyear.cfm
UBC Access and Diversity	http://www.students.ubc.ca/access/index.cfm
Time management tips	http://www.arc.sbc.edu/time.html
Tips to help overcome test anxiety	http://www2.swccd.edu/~asc/wphomepage_3_contents.html

UBC Psych student organizations

Psi Chi (local chapter of the Honors Society)	http://psichi.psych.ubc.ca/
Psychology Students' Association (PSA)	http://psa.psych.ubc.ca/
UBC Psychology's Undergraduate Journal	http://ubcuyp.psych.ubc.ca/
UBC Psychology's <i>Psyched!</i> newsletter	http://psanewsletter.wordpress.com/

Psychology 101: Lecture and reading schedule

Lecture	Date	Day	Topic	Assigned readings
1	03-Sep	W	Course introduction	-
2	05-Sep	F	A brief history of psychology	Ch. 1
3	08-Sep	M		
4	10-Sep	W	Research methods in psychology, statistics, and conducting ethical research	Ch. 2
5	12-Sep	F		
6	15-Sep	M		
7	17-Sep	W		
8	19-Sep	F		
9	22-Sep	M	The human nervous system: from neurons to networks	Ch. 3
10	24-Sep	W		
11	26-Sep	F		
12	29-Sep	M		
13	01-Oct	W	Midterm Examination I	Lectures/readings #2-12
14	03-Oct	F		
15	06-Oct	M	Sensation, perception and attention	Ch. 4
16	08-Oct	W		
17	10-Oct	F		
18	13-Oct	M	NO CLASS - Thanksgiving holiday	-
19	15-Oct	W	Sensation, perception and attention	Ch. 4 (con't)
20	17-Oct	F		
21	20-Oct	M	Learning	Ch. 7
22	22-Oct	W		
23	24-Oct	F		
24	27-Oct	M		
25	29-Oct	W	Human memory	Ch. 6
26	31-Oct	F		
27	03-Nov	M		
28	05-Nov	W	Midterm Examination II	Lectures/readings #14-27
29	07-Nov	F	Gaze and social cognition (with S. Lanthier)	-
30	10-Nov	M	NO CLASS - Remembrance day (observed)	-
31	12-Nov	W	Hot topics in psychological science	TBA
32	14-Nov	*F		
33	17-Nov	*M	Language and thinking (with K. Danielson)	Ch. 9
34	19-Nov	*W		
35	21-Nov	F		
36	24-Nov	M	Consciousness	Ch. 5
37	26-Nov	W		
38	28-Nov	F	Course conclusion	-
-	TBA	-	<i>*Optional* Q&A review session</i>	-
-	TBA	-	Cumulative Final Examination	Lectures #2-37; Chs. 5 and 9 only

**Dr. Souza will be away at a conference during this timeframe.*