

Psychology 201: Mind & Brain

Spring 2016 (CRN 35147)
Tu/Th noon-1:50pm, 156 Straub

Please read this syllabus from beginning to end. I know it is long. Read it anyway. Being familiar with course requirements is a critical factor to success in this class.



Instructor: Dasa Zeithamova Demircan
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dasa@uoregon.edu (please include "PSY 201" in the subject line of your email)
Office hours: Tu/Th 2-3pm, or by appointment
Email or walk-in office hours are the best way to get in touch

Graduate Teaching Fellows (GTFs) are available to help students with most questions and concerns regarding **course content or online labs** (ZAPS and InQuizitive). Students are assigned to GTFs based on the first letter of their last name:

Arthur Juliani (If your last name begins with **A-H**):
Office hours: Wednesdays, noon-2pm, or by appointment, 247 LISB, ajuliani@uoregon.edu

April Lightcap (If your last name begins with **I-P**):
Office hours: Mondays, 10:30-12:30, or by appointment, 436 Straub, aprill@uoregon.edu

Jonathan Saunders (If your last name begins with **Q-Z**):
Office hours: We/Fr 1-2pm, or by appointment, LISB 206 (ring the bell), jsaunder@uoregon.edu

If you think you have a question that could be answered by the Graduate Teaching Fellows, please try them first. Contacting your *assigned* GTF is preferred (see above), but feel free to attend the office hours that work best for you if your schedule is constrained. The instructor and the GTFs are all happy to help everyone in the class, so please take advantage of the office hours if you need help.

Questions about **Research participation and SONA**: Bill Schumacher, **Human Subjects Coordinator**, hscoord@uoregon.edu. We do not operate SONA, so please contact Bill with questions regarding participation in research studies, Sona, or assigning research credit.

For questions about Canvas and iClickers, it is often best to contact the university support team.
Canvas support – UO libraries computer help desk, phone (541) 346-1807. Knight Library 1st floor walk-in help. <https://blogs.uoregon.edu/canvas/support/>
More info about iClickers: <https://it.uoregon.edu/node/2746>

Course Content: Mind & Brain is part of a two-course sequence (with Mind & Society, PSY202) that provides an overview of introductory psychology. This course covers experimental approaches to the study of the human mind and brain, including such topics as the history and methods of psychological research, the organization of the nervous system, sensation, perception, attention, learning, memory, cognition and consciousness.

Course website (Canvas): Canvas is the current UO learning management tool. The course website (canvas.uoregon.edu) will provide important supplemental information for the course (syllabus, assignments, lecture slides, study guides, grades, etc.).

Student Canvas tutorial: <https://canvas.uoregon.edu/courses/26168>

Chrome or Firefox browsers are recommended to access Canvas. List of all supported browsers: <http://guides.instructure.com/s/2204/m/4214/l/41056-which-browsers-does-canvas-support?>

Required Materials (available at the UO Bookstore, and elsewhere):

1. ***Psychological Science*** by Gazzaniga, Halpern, & Heatherton (2015, 5th edition). If purchased from the UO Bookstore, the textbook will come packaged with a registration code that allows access to an e-book version of the text, ZAPS online labs, and the InQuizitive adaptive learning environment. If you choose to obtain a copy of the text from a source other than the bookstore (or if you prefer to rely only on the e-book version of the text without a printed copy), it is possible to purchase these electronic components of the text directly from the publisher at digital.wwnorton.com/psychsci5. You will need the registration code to access online assignments for this class, so please make sure to obtain it as a part of your printed textbook or online.

2. **iClickers:** iClickers are small hand-held electronic devices that allow you to provide an immediate response to questions posed in class. Although the UO Bookstore sells only the iClicker 2, older versions of the iClicker should work fine in this course. It is very important that you register your iClicker on the Canvas site (see below), and bring your iClicker with you to every class!

Course Format: The material in this course will be presented through a combination of assigned readings from the text, class lectures, in-class discussions, and demonstrations. In addition, on-line laboratory assignments (ZAPS and InQuizitive) will be used to explore experimental research methods and review class and textbook material. Lecture material and readings will have some overlap, but will not be replications of each other; some lecture material will not be covered in the readings and vice versa. You are expected to do the assigned reading *before* the class period in which it is due. Reading the material before the corresponding lectures will help you comprehend and retain the material. Each of the non-lecture parts of the course (discussions, demonstrations, readings, on-line labs) is designed to reinforce ideas and augment concepts presented in lectures. Questions are encouraged in all parts of the course and students are welcome to stop by with questions and/or discussions after the class, during office hours, or by appointment.

Learning Outcomes: Students fully engaged in this course will become familiar with many core concepts from psychology of perception and cognition as well as develop a new appreciation for how they perceive and interact with the world and how the world influences their behavior.

Grading: Your final grade will be based on 3 of the 4 Exams (60% of the total grade), the Online Labs grade (27%), the Class Participation/Attendance grade (8%), and the Research Participation (5%).

Exams (60%): There will be 4 multiple-choice examinations (3 midterms and 1 cumulative final). Each midterm exam will cover material from the lectures, reading assignments and online labs for the period immediately preceding the exam. The cumulative final exam will cover all material from the course and will be given during the finals week. **Your grade will be based on your best 3 exams, the worst exam score will be dropped.** It is to your benefit to take all the exams. However, if you miss an exam for a legitimate reason (e.g., you are sick or out of town as a student athlete) and take the other 3 exams, the score for the missed exam (0%) will be dropped from the final. Ordinarily, **NO makeup exams will be given.** A make-up exam will be given only in the rare event that you miss 2 exams and have a timely, legitimate excused absence for both. If you have an unforeseen serious reason to miss an exam and would like to take a make-up exam rather than simply drop it as your lowest score, you may be allowed at the discretion of the instructor to take a make-up on the day of the next exam (e.g., take a Midterm 1 make-up on the Midterm 2 date, after you complete Midterm 2). You would need to present a documented excuse (e.g., doctor's note, court order, executive order) before or immediately after the missed exam to be allowed to take a make-up exam. You cannot make up an exam you missed for personal reasons (attending a wedding, visiting family, etc), although you can still drop the 0 score and use the remaining three exams for the grade.

Online Labs (27%): Part of your experience with this class will be an online component in which you perform activities associated with the material covered during lectures. One type of activity is called InQuizitive and another is called ZAPS, both provided by the publisher, W.W. Norton. InQuizitive provides interactive quizzes and will help you reinforce concepts learned in each Chapter. ZAPS consists of demonstrations and hands on experiments that relate to the material learned in class. These online labs will be administered through Canvas. Each assignment counts 1 or 2 points (percent) towards your final grade.

You will do Online Lab (InQuizitive and ZAPS) assignments on your own time, outside of class. The assignments will be typically open for completion for several days, **with a deadline for completing the assignment by 11:59pm on the due day (see the Course Schedule and Assignments tab on Canvas)**. Please access the assignment through Canvas rather than going directly to publisher website, otherwise you score will not be reported to Canvas. When accessing the first assignment, you will need to register on the publisher's website using the access code and instruction that come with your textbook.

Do not leave the assignments for the last minute. Each assignment will take 30-90 minutes to complete. Make sure to start the assignments well ahead of deadline, so you can contact Norton online help well advance if you need help. Technical difficulties are not a legitimate excuse for missing an assignment. If you have a technical issue, submit a help desk request at <http://support.wwnorton.com>

Late assignments for partial credit: Online labs can be very helpful for gaining insights into the psychology methods (ZAPS) and checking and solidifying understanding of the material covered in the class and textbook (InQuizitive). They can help you to prepare for an exam. We thus really want you to complete them, even if you miss a deadline. If you miss a ZAPS deadline, you can finish that assignment up to a week late, for half the credit. If you miss an InQuizitive deadline, you can finish that assignment until the day before the finals, June 6, for half the credit. Please email your assigned GTF when you complete the assignment and they will manually assign you the half credit. Maximum of 3 assignments will be accepted late, so please complete the assignments in a timely manner.

Class Participation and Attendance (8%): Although this is a large class, technology has created ways to get some idea of the depth of your understanding of the topics discussed. Periodically, during class, I will ask questions and you will answer with your iClicker. If you are in class when the questions are asked, you will get participation points for answering. Unless otherwise announced, I will use the iClicker answers only to tell me more about overall class understanding or as a tool for class demonstrations. The number of iClicker questions per class will vary; your attendance grade will be determined by the percentage of clicker questions you complete (although there may be occasionally a "bonus question" that, *if they are answered correctly*, will be used to supplement your exam scores). To allow for occasional absences, you will only be required to answer 80% of the clicker questions presented throughout the term to get full participation/attendance points. This provides quite a bit of "cushion" for one or two missed classes or a forgotten iClicker. Therefore, no further relaxation of this requirement will be provided for any reason. You can get up to 4 participation points in each half of the term (classes between 3/31—4/28, classes between 5/3-5/31).

Research Participation (5%): Part of this course is learning about research being conducted in the field of psychology. One of the best ways for you to learn about psychology research is to experience it firsthand by participating in some of the high quality psychological studies conducted at the University of Oregon. Psychology and Linguistics researchers run many experiments on varied topics (e.g., perception, cognition, memory, language, psychological coping, social interaction). To participate in experiments, you can sign up on an electronic bulletin board at: uopsych.sona-systems.com. During your first visit to the site, you will create an account, with a username and password. Once logged in, you will find a list of studies that are available to you as well as the time and location of each study (some can be completed online). After participating in a study, you will be electronically credited for the time allotted for that study. Studies range in length from ½ hour to several hours, with one hour of participation equal to one credit. To complete the research

requirement, you will need to complete 4.5 credits worth of studies. You can complete maximum of 2.5 hours online and at least 2 hours in person. You will get points that count towards your grade for **timely** participation. **If you miss the deadlines, you will lose those points but you will still need to complete the research requirement in order to get a grade in the class.** This is a university wide requirement for all PSY 201/202 and other classes. For more information, see the Research Participation slides on the course Canvas site, or email the Human Subjects Coordinator (Bill Schumacher, hscoord@uoregon.edu) with questions. More details about participating in research studies will be provided in class.

For ethical reasons, the university and I can neither force you to participate in research studies, nor would we wish for you to be uncomfortable participating in studies. For this reason, there is an alternative assignment that you can do that involves signing up in advance for 2-hour timeslots to come to the Psychology Department to read psychology research articles and write short essays about them. There is also a 1/2 hour tutorial you can complete, so that doing two of the article reading sessions, plus the tutorial, will equal the same 4.5 hours of time as participating in studies. For more details about completing this alternative, or to sign up for a session, please contact Arthur Juliani (ajuliani@uoregon.edu) or your assigned GTF.

IMPORTANT NOTES:

- If you fail to show up to TWO studies without good reason, you will not be allowed to participate in research studies as a way to complete your research requirement. You will instead be required to complete your research requirement by doing the alternative assignment.
- All students must complete the research requirement to get a grade in the course. **If you do not complete the requirement, you will receive an incomplete in the course until you do.** If you do not complete the requirement within a year, the incomplete will be changed to a failing grade in the course, as required by the university registrar.
- Two of the 4.5 hours of the research requirement must be completed by **midnight on Friday, April 29**. The other 2.5 hours must be completed by **midnight on Friday, June 3**.
- **PLAN AHEAD:** To complete the research requirement, you must schedule your time slots in advance. A failure to schedule timeslots for completing the research requirement in time for both the midterm and end-of-term deadlines will result in a permanent loss of the points in the course.

SUMMARY OF GRADED ACTIVITIES - Percentage of Final Grade:

3 in-class exams, (20% each)	= 60%
Online Labs (InQuizitive & ZAPS)	= 27%
Participation and Attendance	= 8%
Research Requirement (4.5 hours)	= 5%
-----	= 100% Total

Please note that while these percentages look complicated, they simply reflect the points you can earn for each activity. Thus, one point gained for an online assignment is equal to one point for research requirement is equal to one point on an exam—one point is always worth 1% of your grade. At the end of the class, all the points you collected are simply summed up to determine your final percent points for the class. Letter grades are as follows: A (90 - 100% of total possible points), B (80 – 89.99%), C (70 – 79.99%), D (60 – 69.99%), F (0 – 59.99%). Plus and minus will be given for borderline two percent (e.g., 80-81.99% is B-, 82-87.99 is B, 88-89.99 is B+). Individual exams will not be curved. However, because of 40% of your grade comes from activities in which you can generally have a perfect score, you can reach a solid passing grade if you put in the effort, even if you are not an apt exam-taker.

Electronic Access: You will need to register/login in FOUR different ways for this class:

- 1) To access **Canvas** (canvas.uoregon.edu), for course information, online quizzes, and grades, use your “Duck ID” (your uoregon email address, minus the “@uoregon.edu”) and password.
- 2) Register your **iClicker** in Canvas. i>clicker → i>clicker Registration.
- 3) Register on **InQuizitive/ZAPS** website the first time you access an Online lab.
- 4) To register for **SONA** for participating in research studies to satisfy the research requirement, you

need a SONA ID, which you can get by following the directions on the SONA website (uopsych.sona-systems.com). If you registered on SONA in a previous term, you will *not* need to register again – your old SONA ID and password will still work. If you are not 18 years old yet, or would prefer to satisfy the research requirement by completing the alternative assignment, you will not need to register with SONA

Classroom Etiquette: This is a very large class. Students in large classes often believe they are invisible, and that one's individual behavior does not matter. *This is not true!* You can make a difference by listening attentively, asking questions, and contributing to discussions. Just as actively engaged students have a positive influence on the classroom environment, activities like talking to your neighbor, texting, coming late, leaving early, personal grooming, reading the newspaper, loud yawns, sleeping, surfing the web, or cell phone use can be extremely disruptive. PLEASE make sure that you and your fellow students get the most from this course by abstaining from such activities. Cell phone use (for texting, calls, or web surfing) is prohibited (also, please silence your ringer before each class). Laptops can be used only for taking notes (no web surfing, checking Facebook, etc.), and they are highly discouraged even for that purpose. If I find that your activities are distracting me or your fellow students, I will call you out on it, and repeated warnings will be accompanied by dismissal from the course.

Classroom climate. It is my goal that you feel comfortable and respected – both by me and your peers – in this class. Please let me know if I or other students make you feel uncomfortable, so that corrections can be made. If you feel that you or someone else has been the victim of bias in this class, you may consider contacting the Bias Response Team (bias.uoregon.edu/index.html).

Students Needing Accommodations for Accessibility: If you have a documented disability and anticipate needing accommodations in this course, please make arrangements to meet with me as soon as possible. Also, please request that a counselor at the Accessible Education Center (uoaec@uoregon.edu, tel. 541-346-1155) send a letter verifying your disability and needed accommodations. For a list of resources provided by the Accessible Education Center, please see aec.uoregon.edu.

Students for whom English is a Second Language: If you are a non-native English speaker and think you may have trouble in this course due to language difficulties, please see me as soon as possible to make any necessary special arrangements. If you think you may need to use a dictionary for in-class exams, you must ask to have your dictionary checked by me or one of the GTFs prior to the exam. Electronic dictionaries are not permitted.

Academic Honesty: All work submitted in this course must be your own. That includes exams, online work, iClicker questions, research participation, and anything else relevant to this class. Violations will be taken seriously, and are noted on student disciplinary records. If you are caught cheating, you will receive a 0 on the assignment; you may also receive a failing grade for the course. If you are in doubt regarding any aspect of these issues as they pertain to this course, please consult with the instructor before you complete any relevant requirements of the course. For more information, see the UO web site regarding student conduct, <https://uodos.uoregon.edu/StudentConductandCommunityStandards.aspx>

Class Schedule as of 3/27/16, subject to change. Consult Canvas for the most recent version.
 Dates on which particular topics are to be presented in lecture are subject to change. However, I will not change the dates of exams unless absolutely necessary.

<u>Week</u>	<u>Day</u>	<u>Topics</u>	<u>Readings</u>	<u>Online Assignment</u>
1	3/29 3/31	Science of Psychology History/Methods	Chapter 1 Chapter 2 (33-56)	4/4 InQuizitive Ch. 1, ZAPS Stroop
		<i>Register for Online Labs and Bring iClicker</i>		
2	4/5 4/7	Research methods Neurons and synapses	Chapter 2 (57-71) Chapter 3 (75-89)	4/6 InQuizitive Ch. 2 4/11 InQuizitive Ch. 3.1. Neurons
3	4/12 4/14	Brain Brain	Chapter 3 (89-114) Chapter 3 (89-114)	4/13 ZAPS Split Brain 4/18 InQuizitive Ch. 3.2. Brain
4	4/19 4/21	EXAM #1 Attention/Consciousness	Chapters 1, 2, 3 + class notes + ZAPS Chapter 4 (131-144)	4/25 ZAPS Visual search
5	4/26 4/28 4/29	Consciousness Sensation <i>2 hours of research participation due</i>	Chapter 4 (144-170) Chapter 5 (173-188)	4/27 InQuizitive Ch. 4 5/2 ZAPS Signal detection
6	5/3 5/5	Visual Perception Perception	Chapter 5 (182-197) Chapter 5 (198-217)	5/4 2 x ZAPS (Ponzo, Face) 5/9 InQuizitive Ch. 5
7	5/10 5/12	EXAM #2 Learning	Chapters 4 & 5 + class notes + ZAPS Chapter 6 (221-239)	5/16 ZAPS Classical conditioning
8	5/17 5/19	Learning Memory	Chapter 6 (239-261) Chapter 7 (265-284)	5/18 InQuizitive Ch. 6 5/23 InQuizitive Ch. 7
9	5/24 5/26	Memory Thinking/Decisions	Chapter 7 (285-305) Chapter 8 (309-329)	5/25 ZAPS False memory 5/30 2xZAPS (Decisions, Analog)
10	5/31 6/2 6/3	Thinking/Intelligence EXAM #3 <i>Final 2.5 hours of research participation due</i>	Chapter 8 (338-353) Chapters 6, 7 & 8 + class notes + ZAPS	6/1 InQuizitive Ch. 8
Final	6/7	Cumulative Final Exam	8:00am in Straub 156	