

Physiological Psychology (PSY290H1F)

Fall Session, 2021
Online Asynchronous Course

Summary

This course will explore the relationship between the brain and behaviour, including sensory processing, emotions, higher cognitive processes, and everything in between.

Learning Objectives

In this course, you will learn about:

- how the nervous system generates thought and behavior;
- the research techniques and approaches used in biopsychology;
- the treatment of psychological disorders and pathologies of the nervous system;
- the implications of biopsychology for our day-to-day lives.

Our Team

Instructor: Dr. Paul Whissell (paul.whissell@utoronto.ca)

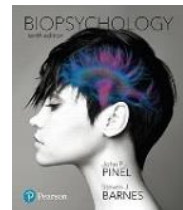
Instructor virtual office hours: Tuesday, 3 – 4 pm online on Zoom media (page 6 for links)

Teaching Assistants: Laura Gravelins, Nichole Bouffard and Zachary Pierce-Messick

T.A. virtual office hours: Wednesday, 4 – 5 pm online on Zoom media (page 7 for links)

Recommended Textbook (optional; NOT required)

Biopsychology. 10th edition. 2017. Pinel, J.P. and Barnes, S. Pearson Publishing. ISBN-10: 9780134567709. *The textbook is now out of print and is only available electronically.*



Assessments

Most of your grade in this course will be determined by three main assessments, all of which will be administered on Quercus: **two term tests** (each based on four lectures) and a **final assessment** (cumulative, based on all lectures).

All assessments will be available over a 24h window (e.g. Test 1 is available on October 8 from 12:01 am to 11:59 pm, all times EST). **You may start the assessment at any time during the window, but you must submit it before the window is over** (e.g. Test 1 must be submitted by October 8, 11:59 pm).

Once you start an assessment, you will have a limited amount of time to complete it (e.g. 2 hours for Test 1). As time might be tight, do not start any assessments until you are 100% ready. Have your lectures, notes and other materials on hand! Before starting any assessments, also make sure to review the policies on Academic Integrity and Plagiarism (see *Course Policies* section).

The final component of your grade will require completing a **short assignment**.

Marking Scheme and Important Dates

- **25% Test 1 available on October 8 for 24 hours***** based on Lectures 1 – 4
 - 2 hours allotted
 - 30 multiple choice questions (each worth 1 mark) and 5 short written answer questions (each worth 6 marks), total of 60 marks
- **25% Test 2 available on November 19 for 24 hours***** based on Lectures 5 – 8
 - 2 hours allotted
 - 30 multiple choice questions (each worth 1 mark) and 5 short written answer questions (each worth 6 marks), total of 60 marks
- **42% Final Assessment between December 10 – 21***** based on Lectures 1 - 10
 - 3 hours allotted; Format TBA
- **8% Written Assignment, Due December 3:** Biopsychology in the Media
 - Short assignment about the representation of Biopsychology in the media
 - Details will be given on Quercus and in support sessions (dates TBA)

***** If you have difficulty meeting these deadlines due to exceptional circumstances (e.g. severe illness) please use the self-declaration tool on ACORN and contact the instructor to discuss the situation.**

Study Guide

To assist you in preparing for your assessments, a study guide will be provided on Quercus. This guide will identify key highlights of lecture content that are likely to be tested. If you can provide detailed answers to the questions in this guide, it is likely you

will score at least a B grade (70+) on all assessments. The study guide will be reviewed in pre-test tutorials (dates to be posted on Quercus shortly).

Course Schedule

Nearly all content will be available from the start of the term. Most lecture recordings (with the exception of short guest talks) are available now on a third-party site (https://www.youtube.com/playlist?list=PLzWOAEcRZlrupV8nc9U2Pf_ZoQWfyWgOo).

The slide pdfs for lectures are available now on Quercus. Below is a recommended schedule to guide your learning process.

In contrast to lecture material, **course assessments will be posted at specific times and due at specific times.**

Several support sessions will be offered for the written assignment. Dates for these sessions will be posted throughout the term.

Posting Date	Topic	Optional readings
Sept 10	Lecture 01: Introduction; Evolution, Genes and Behavior	Chapters 1 + 2
Sept 17	Lecture 02: Neuroanatomy + Neurophysiology	Chapters 3 + 4
Sept 24	Lecture 03: Research Methods	Chapters 5
Oct 1	Lecture 04: Sensory and Motor Function	Chapters 6 - 8
Oct 8	ONLINE MIDTERM TEST 1 (Lectures 1 – 4) on Quercus for 24 hours, due 11:59 pm	
Oct 15	Lecture 05: Neurodevelopment + Neuroplasticity; Assignment Open	Chapters 9 + 10
Oct 22	Lecture 06: Learning	Chapters 11
Oct 29	Lecture 07: Hunger, Hormones and Sex	Chapters 12 + 13
Nov 5	Lecture 08: Sleep and Dreaming	Chapters 14
Nov 12	Reading Week; No Assigned Work	
Nov 19	ONLINE MIDTERM TEST 2 (Lectures 5 – 8) on Quercus for 24 hours, due 11:59 pm	
Nov 26	Lecture 09: Addiction	Chapter 15
Dec 3	Lecture 10: Emotion; Guest speaker(s); Assignment Due	Chapter 17 - 18
Dec 10 - 21	FINAL ASSESSMENT (Lectures 1 – 10) on Quercus for 24 hours, due 11:59 pm	

Course Policies

Missed Tests

In the event you miss an assessment due to illness, please use the **illness self-declaration tool on ACORN and notify the instructor immediately**. If you miss a test due to other exceptional circumstances besides illness, you must still notify the instructor immediately. Each situation will be handled on a case-by-case basis.

If you miss a single term assessment (e.g. test 1), you will be offered a grade reweight wherein the proportion of your grade allocated to the missed assessment (e.g. 25% for test 1) will be reallocated to your other assessments (e.g. 37.5% for test 2 and 54.5% for the final assessment).

If you miss BOTH term assessments (i.e. test 1 AND test 2), you must attend a make-up assessment. The date of this assessment will be announced after test 2. The make-up assessment will be similar in format to test 2. The weight of this assessment will be 37.5% and the weight of the final assessment will be 54.5%.

If you miss the final assessment, you must attend a make-up assessment at a later date. The date of this make-up assessment will be announced. The make-up assessment will be similar in format to the missed final assessment.

Religious Accommodation

As a student at the University of Toronto, you are part of a diverse community that welcomes and includes students and faculty from a wide range of backgrounds, cultural traditions, and spiritual beliefs. For my part, I will make every reasonable effort to avoid scheduling tests, examinations, or other compulsory activities on religious holy days not captured by statutory holidays. Further to University Policy, if you anticipate being absent from class or missing a major course activity (like a test, or in-class assignment) due to a religious observance, please let me know as early in the course as possible, and with sufficient notice (at least two to three weeks), so that we can work together to make alternate arrangements.

Intellectual Property

Class material is designed specifically for University of Toronto students enrolled in the course. Other parties should not have free access to this material. ***Under no circumstances should any content be uploaded or shared online (e.g. to an information-sharing website such as OneClass, Course Hero or Youtube) without first obtaining consent from the content creator.*** If you would like to share material with someone who is not a student, please speak to the content creator.

Accessibility Needs

Students with diverse learning styles and needs are welcome in this course. If you have an acute or ongoing disability issue or accommodation need, you should register with Accessibility Services (AS) (www.accessibility.utoronto.ca) at the beginning of the academic year. Without registration, you will not be able to verify your situation with your instructors, and instructors will not be advised about your accommodation needs. AS will assess your medical situation, develop an accommodation plan with you, and support you in requesting accommodation for your course work. Remember that the process of accommodation is private: AS will not share details of your condition with any instructor, and your instructors will not reveal that you are registered with AS.

Writing

As a student here at the University of Toronto, you are expected to write well. The university provides its students with a number of resources to help them achieve this. For more information on campus writing centres and writing courses, please visit <http://www.writing.utoronto.ca/>.

Academic Integrity

You must complete all work in this course independently. You may not collaborate with anyone else (*though you are encouraged to ask me for help*). Your answers must be your own thoughts, expressed in your own words.

All students, faculty and staff are expected to follow the University's guidelines and policies on academic integrity. For students, this means following the standards of academic honesty when writing assignments, collaborating with fellow students, and writing tests and exams. Ensure that the work you submit for grading represents your own honest efforts. Plagiarism—representing someone else's work as your own or submitting work that you have previously submitted for marks in another class or program—is a serious offence that can result in sanctions. Speak to me or your TA for advice on anything that you find unclear. To learn more about how to cite and use source material appropriately and for other writing support, see the U of T writing support website at www.writing.utoronto.ca/ . Consult the Code of Behaviour on Academic Matters for a complete outline of the University's policy and expectations. For more information, please see <http://www.artsci.utoronto.ca/osai> and <http://academicintegrity.utoronto.ca/>.

Plagiarism

Normally, students will be required to submit their course essays to the University's plagiarism detection tool for a review of textual similarity and detection of possible

plagiarism. In doing so, students will allow their essays to be included as source documents in the tool's reference database, where they will be used solely for the purpose of detecting plagiarism. The terms that apply to the University's use of this tool are described on the Centre for Teaching Support & Innovation web site (<https://uoft.me/pdt-faq>). Please see here for more information – <https://teaching.utoronto.ca/ed-tech/teaching-technology/pdt/#pdt1>.

Other Resources

- Student Life Programs and Services (<http://www.studentlife.utoronto.ca/>)
- Academic Success Services (<http://www.studentlife.utoronto.ca/asc>)
- Counselling and Psychological Services (<http://www.studentlife.utoronto.ca/hwc>)

Instructor Virtual Office Hours

Paul Whissell is inviting you to a scheduled Zoom meeting.

Topic: PSY290-Virtual Office Hours

Time: Sep 14, 2021 03:00 PM Eastern Time (US and Canada)

Every week on Tue, 13 occurrence(s)

Sep 14, 2021 03:00 PM

Sep 21, 2021 03:00 PM

Sep 28, 2021 03:00 PM

Oct 5, 2021 03:00 PM

Oct 12, 2021 03:00 PM

Oct 19, 2021 03:00 PM

Oct 26, 2021 03:00 PM

Nov 2, 2021 03:00 PM

Nov 16, 2021 03:00 PM

Nov 23, 2021 03:00 PM

Nov 30, 2021 03:00 PM

Dec 7, 2021 03:00 PM

Please download and import the following iCalendar (.ics) files to your calendar system.

Weekly:

https://us02web.zoom.us/meeting/tZMufuCtrzMiEtCT34y9Bxr567wSEurB9qNu/ics?icsToken=98tyKuGvrTljH9WduBGDRpwEA4r4Xe_zmFxFHj7d-qEyxGnlxehGjYLVVAZdqAvqJ

Join Zoom Meeting

<https://us02web.zoom.us/j/87399518884?pwd=WXF3eEtwU0tKQ3pmcVdSLzRCRzF2UT09>

Meeting ID: 873 9951 8884

Passcode: 167461

TA Virtual Office Hours

Laura Gravelins is inviting you to a scheduled Zoom meeting.

Topic: PSY290 Office Hours

Time: Sep 15, 2021 04:00 PM Eastern Time (US and Canada)

Every 7 days, until Dec 8, 2021, 12 occurrence(s)

Sep 15, 2021 04:00 PM

Sep 22, 2021 04:00 PM

Sep 29, 2021 04:00 PM

Oct 6, 2021 04:00 PM

Oct 13, 2021 04:00 PM

Oct 20, 2021 04:00 PM

Oct 27, 2021 04:00 PM

Nov 3, 2021 04:00 PM

Nov 17, 2021 04:00 PM

Nov 24, 2021 04:00 PM

Dec 1, 2021 04:00 PM

Dec 8, 2021 04:00 PM

Join Zoom Meeting

<https://utoronto.zoom.us/j/83635460357>

Meeting ID: 836 3546 0357

Passcode: 265497