

Brain & Behaviour I

PSYC 271

Fall 2022

Course Description

An introduction to behavioural neuroscience. The course primarily focuses on the basics of neuronal operation, functional neuroanatomy, neuropharmacology, and behavioral neuroscience methods. This will be followed by an examination of input (sensory) and output (motor) systems of the brain. Finally, topics relevant to learning and memory formation will be covered.

3.0 credit hours

Pre-requisites: PSYC 100

Instructor:

Scott D. Squires, M.Sc.

Contact:

s.squires@queensu.ca

Lectures in Biosciences 1101:

Monday 4:00pm – 5:20pm

Wednesday 2:30pm – 3:50pm

Office Hours in Craine 204:

Tuesday 3:00pm – 4:00pm

Thursday 3:00pm – 4:00pm

Teaching Assistants (TAs):

Halla Abdul-Rahman (Lead TA; halla.abdulrahman@queensu.ca)

Shokouh Abolhosseini (s.abolhosseini@queensu.ca)

Louis Chitiz (louis.chitiz@queensu.ca)

Maeve McCreary (mkm16@queensu.ca)

Yijun Xu (y.xu@queensu.ca)

TA Office Hours:

See OnQ announcements and by appointment

Important University Dates

Sep 1 – Tuition due

Sep 6 – First day of classes

Sep 19 – Last day to add courses

Sep 19 – Last day to drop courses without financial penalty

Nov 1 – Last day to drop courses without academic penalty

Nov 7 – Last day to submit exam accommodation requests (if applicable)

Dec 5 – Last day of classes

Dec 8 - 22 – Exam period

Land Acknowledgement

REVEL

It's time to access Revel Biopsychology, 11e, the course materials for PSYC 271 - Brain & Behaviour I. When you're ready, join your course at: <https://console.pearson.com/enrollment/uexc6p>

If you need help, check out these Revel student resources:

<https://www.pearsonhighered.com/revel/students/support/>

Revel is fully digital, highly engaging, and gives you everything you need for your course—all in one continuous, integrated learning experience. Highlighting, note taking, practice questions, digital interactives, and a glossary let you read and study however you like (even offline from your mobile device with the Revel app). Watch this video to learn more:

What is Revel? (<https://youtu.be/hKTleWSfW8>)

All quizzes, tests, assignments, etc. on Revel are considered OPTIONAL (they will not count towards your grades), but they are recommended for practice to help you study.

Third Party Policy

This course makes use of Pearson Revel for some activities. Be aware that by logging into the site, you will be leaving OnQ, and accessing the site, beyond what is required for course

Quizzes	5% (5x1%)	Each chapter (excluding chapter 1) will have a quiz in OnQ that will close before we begin that chapter in lecture. These quizzes are for mastery: they are open-book, unlimited time, unlimited attempts, and only perfect attempts (10/10) will earn 1%. Imperfect attempts or no attempt will earn 0%. The best 5 of 8 quizzes for each student will be used, so there will be no quiz extensions. Questions are based on the textbook readings. Although quizzes are open-book, you must complete them independently.
Assignments	10% (5x2%)	Each chapter (excluding chapter 1) will have a short assignment (~250 words) that will require students to explain and apply concepts from class. Like the quizzes, the best 5 of 8 assignments will be used (each worth 2%), so no extensions will be given. Specific assignments are to be announced, and they may include explaining how a specific drug works, proposing biopsychological research, or summarizing content from class and extending that content to new questions. Assignments are to be uploaded to OnQ. Detailed instructions will be posted to OnQ.
Online Discussion Participation	5%	Students are encouraged to make use of the online discussion board to ask questions and answer other students' questions. To motivate this, a grade out of 5% will be given to each student at the end of the course based on their level of engagement and thoughtfulness in online discussions.

Bonus Marks: Students may earn up to 3% in bonus marks by participating in psychological research. Please see the end of the syllabus for details.

All components of this course will receive numerical marks that will be summed to produce your course

Course Timeline

This schedule is subject to change and is a rough guideline for content. Each lecture will consist of 80-min lectures, so when we complete one chapter, then we will begin the subsequent chapter in the same lecture. You will have two weeks of lecture.

Nov 30	Assignment 7 Due (11:59pm)	Chapter 8
Dec 7	Assignment 8 Due (11:59pm)	Chapter 11

Suggested Time Commitment

In this course, you should expect to invest on average 8 to 10 hours per week. This will include the time you spend in class, studying course material, and completing assignments, quizzes, and exams. You are encouraged to use a weekly study schedule (visit <https://sass.queensu.ca/resources/online/exams>) to avoid ‘cramming’. This way you will be more likely to complete the course successfully and remember what you learned for longer.

Timing of Final Examinations

The exam dates for each Term are listed on the Faculty of Arts and Science webpage under Important Dates. Student exam schedules for the Fall Term are posted via SOLUS immediately prior to the Thanksgiving holiday. Students should delay finalizing any travel plans until after the examination schedule has been posted. Exams will not be moved or deferred to accommodate employment, travel/holiday plans or flight reservations.

Questions About the Course and Contacting the Teaching Team

The teaching team’s contact information can be found on this [syllabus550oc](#).

For **final exams** missed due to documented extenuating circumstances, we follow departmental policies: <http://www.queensu.ca/psychology/undergraduate/current-students/departmental-policies>

Students who cannot write an exam during the December or April exam period due to a serious, extenuating circumstance (illness, death in the family) must follow the steps below to be eligible to write a deferred exam during the PSYC department's Make up Exam period in January, April/May, and September.

1. Apply for academic consideration using the Faculty of Arts and Science Portal: <http://www.queensu.ca/artsci/accommodations>
2. As soon as possible, follow up with your instructor(s) either by email or in-person to discuss your academic consideration request
3. If your request for a deferred exam is approved, be available to write the makeup exam the PSYC department's Make up Exam period in January, April/May or September, or receive '0' on the exam.
4. Complete and return the instructor-

will thrive. Adherence to the values expressed through academic integrity forms a foundation for the "freedom of inquiry and exchange of ideas" essential to the intellectual life of the University (see the Senate Report on Principles and Priorities <https://www.queensu.ca/secretariat/policies/senate/report-principles-and-priorities>).

Students are responsible for familiarizing themselves with the regulations concerning academic integrity and for ensuring that their assignments and their behaviour conform to the principles of academic integrity. Information on academic integrity is available in the Arts and Science Calendar 12 792 reW*q0.00000(ti)-

Terms of Service and Privacy Policy, and Queen's University has no liability for any independent interaction you choose to have with Turnitin.

Privacy Statement

This course makes use of Revel. Be aware that by logging into the site, you will be leaving OnQ, and accessing Pearson's website and Revel. Your independent use of that site, beyond what is required for the course (for example, purchasing the company's products), is subject to Pearson's terms of use and privacy policy.

You are encouraged to review these documents before using the site.

<http://www.pearsoncanada.ca/pearson-canada-at-a-glance/legal/privacy-statement>

Tips for Success!

Ask questions during lectures! If something is unclear to you or you have another question, chances are there are other students thinking the same thing. It makes lectures so much more enjoyable and allows everyone to benefit from your questions.

Study as frequently as possible; there is a massive amount of literature demonstrating that frequent studying is far superior to infrequent studying even when total study time is the same. **The most efficient minutes to study are right before lecture** because you can review the material from the last lecture that often continues into the oncoming lecture. Incorporating tests into your study time increases learning, so use Revel practice quizzes as a study aid.

Please make use of the discussion board on OnQ for course-related content. Email your TA and myself (on the same email) if you have any questions unsuitable for the discussion board (e.g. personal information). Some concepts are best explained in-person, so feel free to drop by my office hours if you'd like such an explanation (you don't need an appointment). If you would like to meet but cannot make it to my office hours, email me with the reason you cannot attend them and your available times for the next week and I'll

Participant Pool (Volunteer Research Participation) Information

Students in this course have the option of volunteering in psychological research conducted by faculty and advanced students in the Psychology Department. For every half hour of research completed, you can increase your final mark in this course by 0.5% up to a maximum of 3%. If you are enrolled in more than one eligible course, you will select the course toward which your research participation will be credited when you sign up for a study. You can complete studies toward each course. You cannot apply the same study credit to more than one course, and research credit cannot be used to improve a failing mark to a passing mark. The last day to participate in research for bonus credit is the last day of classes. For more details, please see the [Departmental Participant Pool website](#).

