

PSYC 370 001 and 700 Syllabus W2021

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COURSE DESCRIPTION

This course examines the relationship between brain and behaviour. The first part of the course examines topics relevant to brain plasticity, including neurodevelopment, brain damage and learning and memory; followed by a section on the biopsychology of motivation that covers the neural mechanisms of eating, addiction, sexual behaviour and sleep. The final section deals with disorders of cognition and emotion, including stress and psychiatric disorders.

Psychology 370 is a course designed to continue your exploration of the field of Biopsychology. It primarily focuses on the underlying neural mechanisms of some of the most interesting and complex human behaviours. From how the brain develops, to our basic motivations, to how catastrophically the

important biopsychological questions through different techniques and perspectives, and more information can be found on the Department of Psychology website.

UNIVERSITY OPERATING DATES

Jan 10

Tuition due

Jan 11

Classes start

Jan 22

Last day to add courses

Jan 22

Last day to drop courses without financial penalty

Mar 5

Last day to drop without academic penalty

N/A

Last day to change exam centre

Mar 7

Last day to submit exam accommodation requests (if applicable)

Apr 9

Classes end

Apr 14-30

Exam Period

LEARNING OUTCOMES

Build upon the key principles of biopsychology presented in PSYC 271, with a focus on higher cognitive processing.

Gain an understanding of the complexity of brain and behaviour interactions and how both nature and nurture play important roles.

Learn to critically evaluate new research in the field of biopsychology.

COURSE MATERIALS

Textbook

Available from the Queen's Campus Bookstore:

Biopsychology, 10th Edition, by John P.J. Pinel, ISBN 9780134567730. That is for the stand alone access code that includes REVEL and the eText. As per Pearson's digital first campaign, there will be no physical copies in the bookstore.

I often have students asking whether the 9th edition or the 8th edition of the textbook will be okay to use. There is a lot of new research in this latest edition, as well as the REVEL multimedia, so it is really up to individual students whether they choose to use an older version, knowing they will be missing out on some information that could be tested on the midterm or final exam. Some students have also asked about using the 10th edition without REVEL access. Again, I think it is beneficial to have access to the multimedia and quizzes but it is up to the individual student.

This course uses a Pearson digital product which contains resources used throughout the semester. The required link below is unique to this course. Here is how to register:

Here's how to access the REVEL materials:

Go to <https://console.pearson.com/enrollment/8qmfr2>

Sign in to your Pearson Account or create one. If you already had access to REVEL (from PSYC 271) when you go to the new REVEL invitation link for PSYC370, you will simply be added to the new REVEL course without being prompted for another access code as long as you use the same username and password as you did for PSYC271.

Follow the onscreen instructions to redeem your access code. Choose your course under 'My Courses'

To complete the readings, assignments, and course activities, students can expect to spend, on average, about 12 - 18 hours per week on the course.

WEIGHTING OF ASSESSMENTS

Icebreaker 2.5%

Midterm 15%

Presentation 20%

Essay 12.5%

Final Proctored Exam 50%

Proctored Exams

The final exam and some tests/quizzes in this course will use remote proctoring provided by a third-party, cloud-based service that enables the completion of a proctored exam or test from an off-campus location, through onQ. This online proctoring solution was chosen as part of the approach to maintaining academic integrity in online assessment.

When writing tests/exams using remote proctoring, you are connecting to the third-party service. Queen's has conducted a privacy and security review of the service and has entered into a binding agreement with terms that address the appropriate collection, use and disclosure of personal information in accordance with Ontario's privacy legislation.

You should also take measures yourself to protect your information by keeping your NetID password and challenge questions private, closing all applications prior to starting an exam/test, and ensuring your device is updated and safeguarded against malware.

Once the exam schedule has been finalized the exam date will be posted on your SOLUS account. Due to the ongoing situation with COVID-19, there will be no in person proctored exams. All exams will be written online using OnQ or Examity.

The ASO Exams team will contact you with more information regarding the use of Examity and the technical requirements that you will need to meet. You will also be asked to provide the time zone in which you will be located at the time of your exam.

You will also be offered an opportunity to practice logging into Examity in order to familiarize yourself with the online proctoring experience.

When you registered for the course, you indicated the exam centre location. This does not need to be updated.

For more information about remote proctoring, see the Student FAQs on the OUR Exams resource page for remote proctoring.

Location and 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; for the Winter Term they are posted on the Friday before Reading Week, and for the Summer Term they are individually noted on the Arts and Science Online syllabi. Students should

Students must also complete one written essay assignment. The assignment consists of 1 long-answer/essay question from Module 8 and it is worth 12.5% of your final grade. For more details on this Essay Assignment, please look under the Timeline or the link below.

The 3-hour final exam will be written during the Exam Period (see Timeline). It will consist of 100 Multiple Choice Questions, covering the entire course and is worth 50% of your final grade. For more details on the Final Exam, please look under the Timeline or the link below.

Please note that the final exam in this course will use remote proctoring provided by a third-party, cloud-based service that enables the completion of a proctored exam or test from an off-campus location, through onQ. This online proctoring solution was chosen as part of the approach to maintaining academic integrity in online assessment. Precise details about how remote proctoring will be used in this course can be found in the "Getting Started with Remote Proctoring" content module in onQ.

When writing tests/exams using remote proctoring, you are connecting tten1.7()ugwagn(g)5.60.001 Tc 0.001 Tw 0.304 C

the larger research area and highlight some interesting research in the area that is not covered in the textbook.

Also, for each Module there are videos, demonstrations and exercises from the online textbook (REVEL) and other websites. These are all designed to augment the information in the textbook and course notes. Sometimes seeing a principle in action is much easier to understand than reading a few paragraphs on it (i.e. how movement in the cochlea allows us to hear).

Current journal articles – these can be accessed through e-reserves through the Module Notes or E-Reserves link at the right of the Homepage. For examination purposes, I will not be asking specific details about these experiments but you should know the hypothesis, general experimental design and conclusions.

By using the powerpoint presentations, textbook, course notes and the multimedia, I hope it is easier to understand the (sometimes) complicated topics within Biopsychology,

As this is a third-year course, you are expected to bring with you a certain level of knowledge about the brain and its behaviour. You may choose to review some basic neuroanatomy and neurophysiology (found in Chapters 3 and 4 of the textbook) before starting to work on the course material.

To help students prepare for the midterm and final exam, there are quizzes for each Module which will not be marked but can be taken to test understanding of the material-these can be found under Activities-Quizzes, as well as each Module and the Course Timeline. There will also be an Exam Review Session held the week before the final exam to go over specific areas of concern.

Throughout the course, as well as the textbook, four major themes are repeated and should be kept in mind when studying the material.

Thinking creatively or thinking in productive, unconventional ways is the cornerstone of science and there are many research examples of this principle in Biopsychology.

Much of what we have learned about the brain has come from various patient rQ7(5(euh)2.36(l)16(l)1n(o)-6')-1.-6.6(p)2

Queen's Official Grade Conversion Scale

Grade Numerical Course

Average (Range)

A+ 90-100

A 85-89

A- 80-84

B+ 77-79

B 73-76

B- 70-72

C+ 67-69

C 63-66

C- 60-62

D+ 57-59

D 53-56

D- 50-52

F 49 and below

CONTACTING THE TEACHING TEAM

The teaching team contact information is located on the

COURSE FEEDBACK

departure from academic integrity to distribute, publicly post, sell or otherwise disseminate an instructor's course materials or to provide an instructor's course materials to anyone else for distribution, posting, sale or other means of dissemination, without the instructor's express consent. A student who engages in such conduct may subject to penalty for a departure from academic integrity

permission for an incomplete grade

course withdrawal without penalty (this requires an appeal to the Associate Dean of Studies)

Your instructor will determine what academic consideration is appropriate for your course based on the academic requirement(s) you may miss and the essential requirements/learning outcomes of the course. All students who receive academic consideration must meet all essential academic requirements/learning outcomes and standards of the course. Academic consideration does not guarantee academic achievement in a course/program.

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Situation 4: Request for Excused Absence for Significant Event:

Students who are making a request for academic consideration related to a significant event must follow these steps outlined below. If you are participating in an event at the provincial, national, or international level that is either a Queen's Varsity Athletics event or an event to which you were invited as a distinguished guest, you can complete this form. Please submit requests a minimum of 2 weeks before the sanctioned events or as soon as the event is scheduled.

Gather the following information:

A personal statement about why participation in the event is significant to you/Queen's

Specific details about what is being missed (i.e., exactly what courses, what tests, what assignments, etc.)

A copy of the invitation to participate/details about the competitions that determine who is invited

Any other relevant details about the event (i.e., tournament information, schedules, team details, who is participating)

Flash (latest version)

Adobe Reader

Latest Version

STUDENTS STUDYING OR TRAVELLING ABROAD

If you plan to travel, we strongly recommend that you confirm Internet availability in your host country prior to departure. In the past, students in other countries have been blocked from accessing certain websites relevant to their courses, as well as onQ. It is the responsibility of all students to book travel around course work, as we cannot change the format or timing on assessments or assignments as a result of travel plans.