

PSYC 370 Syllabus F2018

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 ~~often~~ ^{certainly} the brain can fail us, this course delves into many different aspects of brain and behaviour.

University Operating Dates

Sept 1

Tuition due

Sept 6

Classes start

Sept 19

Course Materials

Textbook

Available from the [Queen's Campus Bookstore](#)

x Biopsychology10th

emailing myself or the TA. They have the ability to address your issues much better than we do, and so we will always redirect your questions back to them.

REVEL Chapter Quizzes

REVEL includes a number of chapter quizzes which can be used as a study tool and provide practice with multiple-choice questions. Please note, however, that those multiple-choice quizzes may be easier than those on the Midterm, and only have 4 choices rather than 5 choices. To access the quizzes, they need to be assigned for the course and given a due date. A series of "assignments" have been set up for Chapters 1-18 with one chapter to be due each day in September 2016. The material is available immediately and will remain available for a year (in case any students need to write a paper after the course is over). PLEASE NOTE: These assignments have been created to allow access to all the activities and quizzes, they are NOT in fact real assignments that will be included in your final grade. They are available for students to use as study tools and to practice writing MCQs, but are not a required component of the course.

Third Party Policy

This course makes use of REVEL for some activities. Be aware that by logging into the site, you will be leaving on Q, and accessing the REVEL website. Your independent use of that site beyond what is required for the course (for example, purchasing the company's products) is subject to Pearson Education's terms of use and privacy policy. You are encouraged to review these documents, using the link(s) below, before using the site.

<http://www.pearsoncanada.ca/pearsoncanadaat-a-glance/legal/privacystatement>

Course Timeline

MODULE 1

Sep 6 -16

MATERIAL

[Module 1: Development of the Nervous System](#)

ASSESSMENTS AND ACTIVITIES

MODULE 2

Sep 18 - Sep 27

MATERIAL

[Module 2: Brain Damage](#)

ASSESSMENTS AND ACTIVITIES

[Course Icebreaker](#)

x Due Sep 24 at 2:00 pm

MODULE 3

Sep 28 Oct 8

MATERIAL

[Module 3: Learning, Memory, and Amnesia](#)

ASSESSMENTS AND ACTIVITIES

MODULE 4

Oct 9 Oct 15

MATERIAL

[Module 4: Hunger, Eating, and Health](#)

ASSESSMENTS AND ACTIVITIES

[Midterm](#)

x Opens Oct 11 at 2:00 pm

x Closes Oct 12 at 2:00 pm

MODULE 5

Oct 16- Oct 26

Midterm Break

Oct 25- Oct 28

MATERIAL

[Module 5: Drug Addiction and the Brain's Reward Circuits](#)

ASSESSMENTS AND ACTIVITIES

MODULE 6

Oct 27- Nov 1

MATERIAL

[Module 6: Hormones and Sex](#)

ASSESSMENTS AND ACTIVITIES

[Debate Forum Assignment](#)

- x Original contribution due Oct 29 at 2:00 pm

MODULE 7

Nov 2-Nov 9

MATERIAL

[Module 7: Sleep, Dreaming, and Circadian Rhythms](#)

ASSESSMENTS AND ACTIVITIES

[Debate Forum Assignment](#)

- x Comments (minimum of 3) due Nov 2 at 2:00 pm
- x Closes Nov 5 at 2:00 pm

[Individual Report Assignment](#)

- x Due Nov 9 at 2:00 pm

MODULE 8

Nov 10- Nov 20s

MATERIAL

[Module 8: Biopsychology of Emotion, Stress, and Health](#)

ASSESSMENTS AND ACTIVITIES

MODULE 9

Nov 21- Nov 30

MATERIAL

[Module 9: Biopsychology of Psychiatric Disorders](#)

ASSESSMENTS AND ACTIVITIES

[Essay Assignment](#)

x Due Nov 26 by 2:00 pm

Final Exam will be held during the examination period: ~~D20~~, 2018

Suggested Time Commitment

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

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Weighting of Assessments

Icebreaker	2.5%
Midterm	15%
Group Debate Forum	20%
Essay	12.5%
Final Proctored Exam	50%

Calculator Policy

Calculators acceptable for use during quizzes, tests and examinations are intended to support the basic calculating functions required by most Arts and Science courses. For this purpose, the use of the Casio 991 series calculator is permitted and is the only approved calculator for Arts and Science students. This

inexpensive calculator sells for around \$25 at the Queen's Campus Bookstore, Staples and other popular suppliers of school and office supplies.

Assessments and Activities Description

Course Icebreaker

To start off the course, all students will be required to submit an answer to an Icebreaker question. It will be only worth 2.5% of the total grade and based on participation/submission only. This assignment is designed both for you to think about biopsychology as a discipline and for the marking team to get to know you. More details on the icebreaker can be accessed through the Timeline or the link below.

[Course Icebreaker Forum](#)

Midterm

The second evaluation for the course will be an online multiple choice midterm which will consist of 30 questions and be worth 15% of the final grade. The midterm will cover Modules 1,2 and 3. Further details on the midterm can be accessed through the Timeline or the link below.

[Midterm Information](#)

Group Debate Forum

Each student will be assigned to either a "FOR" or "AGAINST" position and will participate in a Group Debate based on the information in Module 5.

their exam. Please note: off campus exams will be held on the same day as Kingston exams, but the start time may vary slightly due to the requirements of the off campus exam centre.

When you registered for the course, you indicated the exam centre location. If you do not remember the exam location you chose, or if you wish to change your exam location, please email: asc.online@queensu.ca or call 653-3322. The [deadline for changing your exam centre](#) can be found on the Queen's Arts & Science Online website. You must request the change prior to this deadline or you will be subject to a non-refundable administrative fee of \$100.00 per exam.

Location and Timing of Final Examinations

As noted in Academic Regulation 8.2.1, "the final examination in any class offered in a term or session (including Summer Term) must be written on the campus on which it was taken, at the end of the appropriate term or session at the time scheduled by the Examinations Office." The exam period is listed in the key dates prior to the start of the academic year in the Faculty of Arts and Science Academic Calendar and on the Office of the University Registrar's webpage. A detailed exam schedule for the Fall Term is posted before the Thanksgiving holiday; for the Winter Term it is posted the Friday before Reading Week, and for the Summer Term the window of dates is noted on the Arts and Science O syllabus prior to the start of the course. 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.

All special needs students should contact ASO, immediately following registration to inform them of any special accommodations which may be required for proctored exams. For further information regarding exams, see http://www.queensu.ca/artsci_online/learning/completingyourcourse

[Final Exam Information](#)

PLEASE NOTE: You must PASS the final exam in order to pass the course.

[How to Approach the Material](#)

PLEASE NOTE: In order to schedule the assessments evenly across the term, the chapters of the textbook will not be covered in sequential order. Please see the Course Timeline for more details.

The first thing you should do is watch the Welcome Video, which provides an overview of the course and introduces the topics/modules we will be covering in Brain and Behaviour.

For each Module, there are a number of different sources of information to hopefully give you a strong understanding of the topic. You should first open the narrated Powerpoint presentation which provides an overview of the topic, the learning outcomes as well as some of the interesting research that will be presented. It is basically what I would say to an in-house class, on the first day of covering a new topic.

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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 reserves through the Module Notes or Course Readings at the top 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, 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.

Throughout the course, as well as the textbook, four major themes are repeated and should be kept in

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 Homepage of the course (see “Teaching Team”).

For general questions about the course, please post to the Course Questions Forum, (located under Help in the navigation bar). Feel free to help answer your peers’ questions on this forum. Most questions are answered within 24 hours. Please note that this forum is for constructive questions only, it is not a forum for complaints about the course or teaching team. If posts are deemed inappropriate, they will be removed.

Please use your Queen’s email for issues that are more personal in nature, or for issues such as academic accommodations or marking. If you need to have a more detailed conversation, please contact your instructor.

This feedback enables the team to make any adjustments necessary to improve the online learning environment. Additional student feedback will be sought throughout the course. All surveys are anonymous, and directly related to activities, assessments, and other course material.

Netiquette

In any course you often communicate with your peers and teaching team through electronic communication. You are expected to use the utmost respect in your dealings with your colleagues or when participating in activities, discussions and online communication.

Here is a list of netiquette guidelines. Please read them carefully and use them to guide your communication in this course and beyond.

1. Make a personal commitment to learn about, understand, and support your peers.
2. Assume the best of others and expect the best of them.
3. Acknowledge the impact of oppression on the lives of other people and make sure your writing is respectful and inclusive.
4. Recognize and value the experiences, abilities, and knowledge each person brings.
5. Pay close attention to what your peers write before you respond. Think through and read your writings before you post or send them to others.
6. It's ok to disagree with ideas, but do not make personal attacks.
7. Be open to be challenged or confronted on your ideas and challenge others with the intent of facilitating growth. Do not demean or embarrass others.
8. Encourage others to develop and share their ideas.

Queen's Email

The university communicates with students via Queen's email. Please check your email regularly to ensure you do not miss important information related to your course.

Copyright

The material on this website is copyrighted and is for the sole use of students registered in PSYC 370. The material on this website may be downloaded for a registered student's personal use, but shall not

integrity carry sanctions that can range from a warning, to loss of grades on an assignment, to failure of a course, to requirement to withdraw from the university.

Computer Requirements

Microsoft Windows Client

Vista/Windows 7/Windows 8

Intel Core 2 Duo processor

4 GB RAM

Soundcard with speakers and microphone or preferably a headset

Webcam

Mac Client

OS X 10.8 or higher

Intel i5 processor

4 GB RAM

Internal, USB or external iSight microphone or preferably a headset

Webcam

Supported Browsers

Chrome (latest version)

Firefox (latest version)

Safari (latest version on 64-bit Intel processors only)

Internet Connection

Wired high speed access: Cable or better
(wifi is not recommended)

Java

Latest version

Media Player

Flash (latest version)

Adobe Reader

Latest Version

around course work, as we cannot change the format or timing on assessments or assignments as a result of travel plans.