

**Faculty of Health
Department of Psychology
PSYC 2240 3.0 Section B
BIOLOGICAL BASIS OF BEHAVIOUR
Fall 2016-2017**

Course Director and T.A. Information

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neural@yorku.ca

E-mail etiquette: I will respond to only during Monday to Friday (9am-5pm) within 99 hrs. During the weekend e-mails will not be opened.

Faculty Secretary: Sabrina Iantorno 282 BSB, 416.736.2100 x66268

T.A.	Débona Rabinovich, MSc Exp.Med., Clinical Psychologist, OPQ, PhD candidate	Kayla Hamel, MA, PhD candidate
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Office	BSB072L	TBD
Office Hours	Before and After class	TBA

Course Prerequisite(s): Course prerequisites are strictly enforced.

- *HH/PSYC 1010 6.00 (Introduction to Psychology), with a minimum grade of C.*

Course website: moodle.yorku.ca/

Course Description

This course presents an introduction to the biological basis of behaviour. We will introduce topics relevant to behaviour in the normal and abnormal states beginning with sensory perception, attention, movement, emotion and language with experimental examples from our lab (<http://www.joeLAB.com>) and clinical studies\research illustrating the effects of impaired brain function. We will begin an introduction of topics such as: How do neurons change? How does plasticity occur in the brain? Can music and dance help brain function? What is neurorehabilitation?

Learning Outcomes

Upon completion of this course, students should be able to:

1. Demonstrate broad knowledge of biological determinants of behaviour.
2. Describe and evaluate current theory and research in biological psychology.
3. Understand and interpret principles of biological psychology in everyday life.
4. Define biological causes of human behaviour from different perspectives.

Specific Learning Objectives

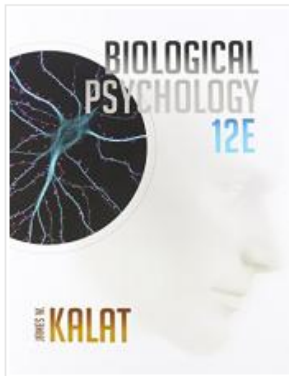
1. This course presents an introduction to the fundamentals of biological basis of behaviour. At conclusion of the course you will have an introduction to the brain's input and output relationships
2. Understanding of how sensory information is processed in our brain
3. Understanding of how motor functions are accomplished
4. Exposure to topics within Society for Neuroscience (<http://www.sfn.org>)

Course Format

Lectures/discussion/movies with textbook reading assignments and use of podcasts and internet resources.

Required Text

The course will use's Kalat's (12th Edition). The text will be supplemented with internet resources, movies and lectures. You may use previous versions of the text but please compare your text with the current one.



Zoom

ISBN 9781305105409

Biological Psychology 12th

Formats: New, Used, Rent, Ebook, International, Instructor

Author: James W. Kalat

Publisher: Cengage Learning

Edition: 12th, Twelfth, 12e Year: 2015 Format: Hardcover 624 page

ISBN 13: 9781305105409 (978-1-305-10540-9)

ISBN: 1305105400 (1-305-10540-0)

More Editions: [Book](#), [Ebook](#)

Course Requirements and Assessment

Assessment	Date of Evaluation (if known)	Weighting
Quizzes	Surprise	10%
Midterm exam 1	Week 5 – Oct 6	30%
Midterm exam 2	Week 8 – Nov 3	35%
Midterm exam 3	Week 12 – Dec 1st	20%
Participation	Last day of class (quiz groups)	5%
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Total		100%

Description of Assignments

Quizzes – During random classes there will be a 5-10 minute quiz. If you are late for class there are no make up quizzes. If you miss a quiz there are no makeup quizzes. The quiz will be on a topic from the current lecture and/or previous material you

should know and understand. **BE ON TIME!** Any missed quiz you WILL need to give a doctor's note to my faculty secretary (see above), otherwise you receive 0 for that quiz. e.g. Hypothetical student's quiz calculation, if you completed only 2 of 4 quizzes during the term. You only dropped 1 doctor's note to our Faculty Secretary (rm282 BSB) within 8 days of the missed quiz. Thus, one zero mark is replaced with a note and you completed the 2 quizzes (80%; 90%). Thus, we will calculate your mark as follows $(0+note+80+90) = 56.7\%$

DO NOT HAND ME A DOCTORS NOTE AFTER CLASS – I WILL LOSE IT. DO NOT EMAIL ME A NOTE SINCE I WILL DELETE IT. FOLLOW THE ABOVE INSTRUCTIONS.

Midterm exam 1 in class [**WEEK 5 – Oct 6**]. 2hr exam followed by lecture - 80% Multiple choice and 20% short answer (space of ~5 lines). *There will be no makeup exams for Midterm exam 1. If you miss a midterm your final exam will be worth 30% more (no exceptions).* **If you miss the exam no doctors note is needed**

Midterm exam 2 in class [**WEEK 8 – Nov 3**]. 2hr exam followed by lecture - 80% Multiple choice and 20% short answer (space of 5 lines). *There will be no makeup exams for Midterm exam 2. If you miss the midterm your final exam will be worth 35% more (no exceptions).* **If you miss the exam no doctors note is needed**

Last Exam in class [**WEEK 12 – Dec 1**] (Thursday December 1st) (all material) 3hr exam on all material in all lectures and course readings). Please note: I will probably not answer e-mails regarding class material in the last 5 days before the exam so please prepare them ahead of time in my office hours before/after class. **If you miss the last exam yes you need a doctors note this time. Your makeup exam will probably have no multiple-choice questions and will be all essay and short answer questions.**

Participation in class, group work after quizzes, online discussion in moodle, completion of online tutorial on academic integrity (<http://www.yorku.ca/moodle>).

Grading as per Senate Policy

The grading scheme for the course conforms to the 9-point grading system used in undergraduate programs at York (e.g., A+ = 9, A = 8, B+ = 7, C+ = 5, etc.). Assignments and tests* will bear either a letter grade designation or a corresponding number grade (e.g. A+ = 90 to 100, A = 80 to 90, B+ = 75 to 79, etc.)

(For a full description of York grading system see the York University Undergraduate Calendar - <http://calendars.students.yorku.ca/2016-2017/academic-and-financial-information/academic-services/grades-and-grading-schemes>)

Late Work/Missed Tests or Exams

Students with a documented reason for missing a course test, such as illness, compassionate grounds, etc., which is confirmed by supporting documentation (Attending Physician Statement which can be found at: <http://registrar.yorku.ca/pdf/attending-physicians-statement.pdf>) may request accommodation from the Course Instructor. Further extensions or accommodation will require students to submit a formal petition to the Faculty.

Add/Drop Deadlines

For a list of all important dates please refer to: [Important Dates](#)

Important dates	Fall (F)	Year (Y)	Winter (W)
Last date to add a course without permission of instructor (also see Financial Deadlines)	Sept. 21	Sept. 21	Jan. 18
Last date to add a course with permission of instructor (also see Financial Deadlines)	Oct. 5	Oct. 19	Feb. 1
Last date to drop a course without receiving a grade (also see Financial Deadlines)	Nov. 11	Feb. 10	March 10
Course Withdrawal Period (withdraw from a course and receive a "W" on the transcript – see note below)	Nov. 12 - Dec. 5	Feb. 11 - Apr. 5	March 11 - Apr. 5

Information on Plagiarism Detection

Description of software used to detect plagiarism.

Electronic Device Policy

instructor's policy on use of electronic devices in class

Attendance Policy

Instructor's policy on attendance.

Academic Integrity for Students

York university takes academic integrity very seriously, please visit [an overview of Academic Integrity at York University](#) from the Office of the Vice-President Academic.

The following links will assist you in gaining a better understanding of academic integrity and point you to resources at York that can help you improve your writing and research skills:

- [Information about the Senate Policy on Academic Honesty](#)
- [Online Tutorial on Academic Integrity](#)
- [Information for Students on Text-Matching Software: Turnitin.com](#)
- [Beware! Says who? A pamphlet on how to avoid plagiarism](#)
- [Resources for students to help improve their writing and research skill](#)

Test Banks:

The use of test banks is not permitted in this course and may be considered a potential breach of academic honesty. This includes but is not limited too; buying or selling test banks.

Electronic Devices During a Test/Examination:

Electronic mobile devices of any kind are not allowed during a test or examination. Students are required to turn off and secure any electronic mobile device in their bag which is to be placed under the chair while a test/exam is in progress. Any student observed with an electronic device during a test/exam may be reported to the Undergraduate Office for a potential breach of Academic Honesty.

Academic Accommodation for Students with Disabilities:

While all individuals are expected to satisfy the requirements of their program of study and to aspire to do so at a level of excellence, the university recognizes that persons with disabilities may require reasonable accommodation to enable them to do so. The [York University Accessibility Hub](#) is your online stop for accessibility on campus. The [Accessibility Hub](#) provides tools, assistance and resources. Policy Statement

Policy: York University shall make reasonable and appropriate accommodations and adaptations in order to promote the ability of students with disabilities to fulfill the academic requirements of their programs.

The nature and extent of accommodations shall be consistent with and supportive of the integrity of the curriculum and of the academic standards of programs or courses.

Provided that students have given sufficient notice about their accommodation needs, instructors shall take reasonable steps to accommodate these needs in a manner consistent with the guidelines established hereunder.

For Further Information please refer to: [York university academic accommodation for students with disabilities policy](#)

Course Schedule:

See moodle for updated schedule.