



Psychology 1031 Syllabus Online Course

Introduction to Psychology and Neuroscience I:
From Neuron to Person
September – December 2023

Instructor

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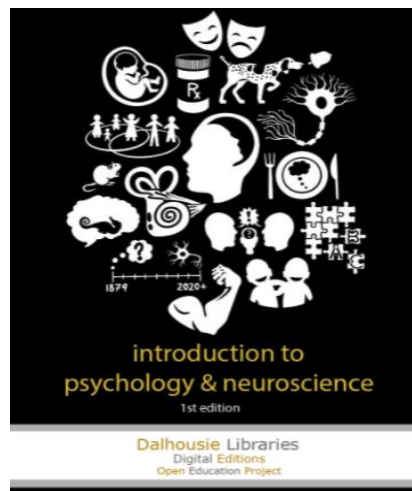
COURSE DESCRIPTION

PSYO 1031 is the online equivalent of PSYO 1011. Material covered includes historical background, research methodology, neural mechanisms that underlie behaviour, sensory and perceptual processes, states of consciousness, learning, and memory. All the content for this course (labs, quizzes, and exams) will be delivered/completed through Brightspace.

REQUIRED READING

Online open access textbook with embedded Tricky Topic videos
FREE though link below:

<https://caul-cbua.pressbooks.pub/intropsychneuro/>



GRADING SCHEME

Unit 1 Exam: 24%

Unit 2 Exam: 24%

Unit 3 Exam: 24%

Labs: 25% (5% each x 5 labs)

Quizzes: 2% (0.5% each, best 4/6)

Discussion participation: 1% (0.2% each x 5 discussions)

UNIT DATES

UNIT 1

Sept.5th – Oct.6th

Lessons 1-5

Includes chapters 1-3 (including the associated tricky topic videos)

EXAM 1: Oct.6th

UNIT 2

Oct.6th – Nov.3rd

Lessons 6-9

Includes chapters 4-5 (including the associated tricky topic videos)

EXAM 2: Nov.3rd

UNIT 3

Nov.3rd – Dec.6th

Lessons 10-13

Includes chapters 6-7 (including the associated tricky topic videos)

EXAM 3: Dec. 6th

EXAMS

What?

Assessment designed to test your knowledge of all content from the *preceding Unit only*.

There will be one (1) exam at the end of each Unit.

Each exam is worth 24% for a total of 72% of your final grade.

Where?

Exams will be completed **online** on Brightspace (online course page)

When?

Exam 1: Oct.6th

Exam 2: Nov.3rd

Exam 3: Dec.6th

All 3 exams will open at 6:00am and close at 11:59pm Atlantic time. Once you start the exam you will have 1h20 minutes to complete it.

QUIZZES

What?

Short evaluations designed to assess knowledge based on material from the readings and videos.

There will be two (2) quizzes per UNIT (6 total)

Each quiz is worth 0.5% for a total of 2% of your final grade.

Out of 6 quizzes, your 2 lowest quizzes will be dropped.

There are no make-ups for missed quizzes

Where?

Quizzes will be **online** on Brightspace (online course space)

When?

Quizzes will close on the dates listed below at 11:59pm Atlantic time

Unit 1

Quiz 1: Sept.15th; Quiz 2: Sept.29th

Unit 2

Quiz 3: Oct.13th; Quiz 4: Oct.27th

Unit 3

Quiz 5: Nov.10th; Quiz 6: Dec.1st

LABS

What?

Interactive and thought-provoking activities designed to complement class material

Each lab is worth 5% for a total of 25% of your final grade

(Late labs are deducted 5% per day)

Where?

Links and instructions will be posted on Brightspace

When (due date)?

Due at 11:59pm Atlantic time on the following dates

Unit 1

Lab 1: Sept.20th; Lab 2: Oct. 4th

Unit 2

Lab 3: Oct.18th; Lab 4: Nov.1st

Unit 3

Lab 5: Nov.22nd

Discussion Participation

What?

Online forum to discuss topics and share ideas to take the material beyond what is presented in the text.

Discussion participation is worth 1% toward your final grade

There will be 5 discussions, each worth 0.2%

Some material from the discussions will be included on exams

Where?

On Brightspace discussion board links

When?

Due at 11:59pm Atlantic time on the following dates

Unit 1

Discussion 1: Sept.13th; Discussion 2: Sept. 27th

Unit 2

Discussion 3: Oct.11th; Discussion 4: Oct.25th

Unit 3

Discussion 5: Nov.8th

Bonus Points

You may earn up to **three** “bonus” percentage points in PSYO 1031 by participating in designated research projects in the course/Psychology & Neuroscience Department.

These points are added to your final mark at the **end of the term**.

Where?

Go to:

http://www.dal.ca/faculty/science/psychology_neuroscience/research/credit-point-information.html

COPY and PASTE the link into your browser OR **click on the link posted to Brightspace** (under “Important Course Info”), to register or sign-up.

You will need to log in the first time to get a password – this is NOT the password you use for my.dal.ca

LETTER GRADING

A+	90-100	B+	77-79	C+	65-69	D	50-54
A	85-89	B	73-76	C	60-64		
A-	80-84	B-.....	70-72	C-	55-59	F	0-49

*Note: To enroll in any higher-level psychology courses (2000 and above) you must receive a grade of **B-** or better in both PSYO 1011 / PSYO 1031 and PSYO 1012 / PSYO 1032*

IMPORTANT DETAILS

1. **To pass this course** you must obtain an overall grade of **50% (D)** out of the combination of the 3 unit exams, 5 lab assignments, 4 highest quizzes (out of 6), and 5 discussions (*and possible bonus points*). **HOWEVER**, to go on in Psychology or Neuroscience (enroll in 2nd-year courses or major in Psychology/Neuroscience) you must receive a grade of **B-** or better in both PSYO1031 (or PSYO 1011) and PSYO1032 (or PSYO 1012).
2. Numerical grades are converted to **letter grades** for your official transcript (*see above for conversions*).
3. **If you are unable to write an exam**, you must **email** Dr. LeBlanc on the **DAY OF the exam**. Make-up exams will only be considered in the case of medical or family emergencies and a **STUDENT DECLARATION OF ABSENCE is required** (submitted through the dropbox on Brightspace, **one (1) week from date of absence**). The Declaration of Absence can be downloaded from the dropbox space on Brightspace.
4. **There will be no make-up quizzes** for any reason. A missed quiz is worth zero (0). Out of the six (6) quizzes, your lowest marks will automatically be dropped.
5. **There will be no make-up discussions** for any reason. A missed discussion is worth zero (0).
6. **There will be no make-up labs** for any reason. A missed lab is worth zero (0). You can submit late labs up to 48 hours after the deadline. Late labs are deducted 5% per day.
7. **Accommodations:** Students may request accommodation as a result of barriers related to disability, religious obligation, or any characteristic under the human rights legislation. Students who require academic accommodation for either classroom participation or the writing of tests and exams should make their request to the Student Accessibility Centre **prior to or at the outset of the regular academic year**. Please visit www.dal.ca/access for more information.
8. **Studying for success:** A variety of study skill programs are available for everyone.
Website: <http://dal.ca/sfs> | **Email:** sfs@dal.ca | **Phone:** 494-3077
9. **Academic Integrity & Plagiarism:** Cheating in PSYO 1031 will not be tolerated.
 - a. Dalhousie University defines plagiarism as the submission or presentation of the work of another as if it were one's own. It is considered a **serious academic offence** that may lead to the assignment of a **failing grade, suspension, or expulsion** from the University.
 - b. It is **VERY IMPORTANT** that you familiarize yourself with the policies surrounding plagiarism at Dalhousie. Please visit plagiarism.dal.ca and complete the **Academic Integrity Module**.

PSYO 1031 COURSE STRUCTURE

Unit	Lesson	Topic	Chapter	Sections
1	1	Welcome/Course Orientation	--	
	2	What is Psychology?	1, 2	1, 2, 4, 11
	3	Methods and Basic Stats	2	12-14
	4	Biology of Behaviour I: Introduction to the Nervous System	3	19-20
	5	Biology of Behaviour II: Nervous System and the Brain	3	21-22
	EXAM 1 (Oct.6th)			
2	6	Sensation and Perception I: Vision	4	27-30, 33
	7	Sensation and Perception II: Olfaction, Audition, Gustation, Touch, & Pain	4	31-32
	8	States of Consciousness I: Measuring Consciousness & Sleep	5	38-42
	9	States of Consciousness II: Drugs & Hypnosis	5	43-44
EXAM 2 (Nov.3rd)				
3	10	Memory I: Encoding & Storage	6	49-50
	11	Memory II: Recall & Forgetting	6	51-53
	12	Learning I: Classical & Operant Conditioning	7	59-61
	13	Learning II: Cognitive & Ecological Perspectives	7	62-63
EXAM 3 (Dec.6th)				

LEARNING OUTCOMES

By the end of this course, you should be able to:

- Define what is meant by **Psychology**
- Identify and recall the major components of a **research study**
- Compare and contrast different **research designs**
- Describe the **organization of the nervous system**
- Describe how **communication occurs between neurons**
- Describe how our sensory systems **detect and code information from the outside world**
- Identify the anatomical structures that allow basic sensation and perception of vision, **hearing, touch, pain, taste, and smell**
- Define **consciousness** and explain how psychologists and neuroscientists measure it
- Describe changes in consciousness associated with coma, **attention, sleep, hypnosis and drugs**
- Identify **types of memory** and describe the processes of going from one type to the next
- Describe the factors that promote **remembering and forgetting**
- Relate **types of memory to brain regions** associated with them
- Explain how Psychologists define **learning**
- Describe different types of learning, including: **habituation, conditioning models, observational learning and modelling, imprinting, and conditioned taste aversion**
- Compare the difference between **reinforcement and punishment**
- Compare **classical and operant conditioning**
- Identify the role of particular **brain areas in learning processes**
- Find, read, and interpret **scientific literature**
- **Gather and interpret data**
- Conduct basic **statistical analyses** (descriptive)
- Read and create **graphs** from data
- **Manage your time** effectively and efficiently

Student Resources and Support

Advising

General Advising https://www.dal.ca/campus_life/academic-support/advising.html

Science Program Advisors: <https://www.dal.ca/faculty/science/current-students/undergrad-students/degree-planning.html>

Indigenous Student Centre: https://www.dal.ca/campus_life/communities/indigenous.html

Black Students Advising Centre: https://www.dal.ca/campus_life/communities/black-student-advising.html

International Centre: https://www.dal.ca/campus_life/international-centre/current-students.html

Academic supports

Library: <https://libraries.dal.ca/>

Writing Centre: https://www.dal.ca/campus_life/academic-support/writing-and-study-skills.html

Studying for Success: https://www.dal.ca/campus_life/academic-support/study-skills-and-tutoring.html

Copyright Office: <https://libraries.dal.ca/services/copyright-office.html>

Fair Dealing Guidelines <https://libraries.dal.ca/services/copyright-office/fair-dealing.html>

Other supports and services

Student Health & Wellness Centre: https://www.dal.ca/campus_life/health-and-wellness.html

Student Advocacy: <https://dsu.ca/dsas>

Ombudsperson: https://www.dal.ca/campus_life/safety-respect/student-rights-and-responsibilities/where-to-get-help/ombudsperson.html

Safety

Biosafety: <https://www.dal.ca/dept/safety/programs-services/biosafety.html>

Chemical Safety: <https://www.dal.ca/dept/safety/programs-services/chemical-safety.html>

Radiation Safety: <https://www.dal.ca/dept/safety/programs-services/radiation-safety.html>

Scent-Free Program: <https://www.dal.ca/dept/safety/programs-services/occupational-safety/scent-free.html>

University Policies and Statements

Recognition of Mi'kmaq Territory

Dalhousie University would like to acknowledge that the University is on Traditional Mi'kmaq Territory. The Elders in Residence program provides students with access to First Nations elders for guidance, counsel, and support. Visit or e-mail the Indigenous Student Centre at 1321 Edward St or elders@dal.ca. Additional information regarding the Indigenous Student Centre can be found at:

https://www.dal.ca/campus_life/communities/indigenous.html

Internationalization

At Dalhousie, 'thinking and acting globally' enhances the quality and impact of education, supporting learning that is "interdisciplinary, cross-cultural, global in reach, and orientated toward solving problems that extend across national borders." Additional internationalization information can be found at:

<https://www.dal.ca/about-dal/internationalization.html>

Academic Integrity

At Dalhousie University, we are guided in all our work by the values of academic integrity: honesty, trust, fairness, responsibility, and respect. As a student, you are required to demonstrate these values in all the work you do. The University provides policies and procedures that every member of the university community is required to follow to ensure academic integrity. Additional academic integrity information can be found at:

https://www.dal.ca/dept/university_secretariat/academic-integrity.html

Accessibility

The Student Accessibility Centre is Dalhousie's centre of expertise for matters related to student accessibility and accommodation. If there are aspects of the design, instruction, and/or experiences within this course (online or in-person) that result in barriers to your inclusion, please contact the Student Accessibility Centre (https://www.dal.ca/campus_life/academic-support/accessibility.html) for all courses offered by Dalhousie with the exception of Truro. For courses offered by the Faculty of Agriculture, please contact the Student Success Centre in Truro (<https://www.dal.ca/about-dal/agricultural-campus/student-success-centre.html>)

Conduct in the Classroom – Culture of Respect

Substantial and constructive dialogue on challenging issues is an important part of academic inquiry and exchange. It requires willingness to listen and tolerance of opposing points of view. Consideration of individual differences and alternative viewpoints is required of all class members, towards each other, towards

instructors, and towards guest speakers. While expressions of differing perspectives are welcome and encouraged, the words and language used should remain within acceptable bounds of civility and respect.

Diversity and Inclusion – Culture of Respect

Every person at Dalhousie has a right to be respected and safe. We believe inclusiveness is fundamental to education. We stand for equality. Dalhousie is strengthened in our diversity. We are a respectful and inclusive community. We are committed to being a place where everyone feels welcome and supported, which is why our Strategic Direction prioritizes fostering a culture of diversity and inclusiveness (Strategic Priority 5.2). Additional diversity and inclusion information can be found at: <http://www.dal.ca/cultureofrespect.html>

Student Code of Conduct

Everyone at Dalhousie is expected to treat others with dignity and respect. The Code of Student Conduct allows Dalhousie to take disciplinary action if students don't follow this community expectation. When appropriate, violations of the code can be resolved in a reasonable and informal manner - perhaps through a restorative justice process. If an informal resolution can't be reached, or would be inappropriate, procedures exist for formal dispute resolution. The full Code of Student Conduct can be found at:

https://www.dal.ca/dept/university_secretariat/policies/student-life/code-of-student-conduct.html

Fair Dealing Policy

The Dalhousie University Fair Dealing Policy provides guidance for the limited use of copyright protected material without the risk of infringement and without having to seek the permission of copyright owners. It is intended to provide a balance between the rights of creators and the rights of users at Dalhousie. Additional information regarding the Fair Dealing Policy can be found at:

https://www.dal.ca/dept/university_secretariat/policies/academic/fair-dealing-policy-.html

Originality Checking Software

The course instructor may use Dalhousie's approved originality checking software and Google to check the originality of any work submitted for credit, in accordance with the Student Submission of Assignments and Use of Originality Checking Software Policy. Students are free, without penalty of grade, to choose an alternative method of attesting to the authenticity of their work and must inform the instructor no later than the last day to add/drop classes of their intent to choose an alternate method. Additional information regarding Originality Checking Software can be found at:

https://www.dal.ca/dept/university_secretariat/policies/academic/student-submission-of-assignments-and-use-of-originality-checking-software-policy-.html

Student Use of Course Materials

Course materials are designed for use as part of this course at Dalhousie University and are the property of the instructor unless otherwise stated. Third party copyrighted materials (such as books, journal articles, music, videos, etc.) have either been licensed for use in this course or fall under an exception or limitation in Canadian Copyright law. Copying this course material for distribution (e.g. uploading to a commercial third-party website) may lead to a violation of Copyright law.