

# Psychology 351B (A01) – Human Neuropsychology

Spring 2022 (Jan-Apr)

M, W, Th, 3:30 - 4:20 pm

Bob Wright Centre B150

---

## COURSE INFO

**Instructor:** Iris Gordon

**E-mail:** [igordon@uvic.ca](mailto:igordon@uvic.ca)

**Office hours:** By appointment (Zoom)

**Teaching Assistant:** Baeleigh VanderZwaag

**E-mail:** [baeleighv@uvic.ca](mailto:baeleighv@uvic.ca)

**Office hours:** Wed 12:00 – 1:00 pm

## Summary

This course will focus on the relationship between neurophysiology, brain function and behaviour, and the methods we use to measure and interpret behaviour. Topics will include neuroanatomy, imaging, cognition and disorders, while taking both experimental and clinical approaches.

## ***Learning Objectives***

By the end of this course, you will have....

- an understanding of the relationship between brain structures and behaviour.
- knowledge regarding neuroimaging methods and how they inform theory.
- the methods we use to measure mental processes.
- foundational information regarding the effect of neural disruption on cognitive processes.
- learned to think factually, applicative, and conceptually about cognitive functioning.

## REQUIREMENTS

### Registration

Before you take this course, you must have completed the following:

- **Psyc 201**, and **Psyc 251**

*The last day to add courses is **January 26<sup>th</sup>**, and the final course drop deadline is **February 28<sup>th</sup>**. It is the student's responsibility to check their registration status by these deadlines to ensure they are registered only in courses they have been attending.*

### Reading Materials

**Kolb, B. & Whishaw, I. Q (2015). *Fundamentals of Human Neuropsychology*. 7<sup>th</sup> Edition. New York: Worth.**

**The textbook is mandatory** and can be purchased in several formats (hardcopy or digital). Please note that I will provide text pages based on the hardcopy, and headers for digital copies.

### Online Resources

**1) Brightspace:** <https://bright.uvic.ca> You will need your netlink ID & password.

Here you will find:

- General resources (group sign-ups, midterm prep pages, study tips)
- Lecture slides, recordings & videos
- In-class activities
- Midterms

### **Intellectual Property Notice**

All course content and materials are made available by instructors for educational purposes and for the exclusive use of students registered in their class. The material is protected under copyright law, even if not marked with a ©. **Any further use or distribution of materials to others requires the written permission of the instructor, except under fair dealing or another exception in the Copyright Act.** Dissemination of course materials is considered a Violation of Academic Integrity.

- You do not have my permission to share or sell the course materials.
- Do not use your classmates' email for any commercial reasons.

### 2) Zoom: <https://uvic.zoom.us/j/82174351204?pwd=MU9WY3hTaXhjSlIBNzRMTXMyOUxrUT09>

You will need your netlink ID & password.

As per the [University Guidelines](#) all classes will be held online from January 10<sup>th</sup> through 24<sup>th</sup>. Lectures will be synchronous, and recordings will be made available after class on Brightspace. Installation instructions can be found on Brightspace.

## Evaluations

Evaluation Tool	Percent of Grade	Date(s)
Syllabus Quiz	0%	Access denied until complete
Mid-term #1	20%	Monday Feb 7 <sup>th</sup>
Mid-term #2	25%	Monday Mar 14 <sup>th</sup>
Mid-term #3	25%	TBD Final Examination Period
Assignment	20%	Friday April 1 <sup>st</sup> 4:30 pm -Draft: Fri Feb 25 <sup>th</sup> , 4:30 pm -Group Assess: Fri Apr 1 <sup>st</sup> , 4:30 pm
Discussions	10%	Surprise!
Bonus	2%	Friday April 4:30 pm

### Criteria

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

- You must complete all three exams to receive credit for the course. **Students who do not complete all three exams will receive an "N" grade** (see below for exam policies).
- If you do not complete other course assignments, you will be given a grade of 0 (zero) for that component and this will be used in calculating your final grade.

### ***Midterms (70%)***

Midterms will consist of a mixture of multiple choice, fill in the blank & short answer. Please note that vacations, weddings, trips, or other courses are not acceptable excuses for missing midterms. Content will be derived from both the text *and* lecture materials.

- *"The Iris Special"*: In order to alleviate some test anxiety, your worst midterm will be given the 20% weight, while the weight of your better midterms will be given 25%.

### **Midterm Absences**

You are responsible for attending exams as scheduled. If you miss an exam due to illness/accident or a death in the family, you must e-mail me as soon as possible to indicate that you were absent and the reason for it. Whereas you are not required to provide *medical* documentation for academic concessions during the Spring 2022 term, *other circumstances will require verification*.

A make-up examination will be scheduled within 7 days of the missed exam. Make-up exams will not necessarily have the same format as the midterm. Should the student be unable to take the remake, further discussion will be required.

**Students who do not contact me in regards to a midterm absence will receive an "N" in this course.**

The Final Exam is subject to the University's policy on missed examinations; please see "[What to do if you miss the final exam scheduled during the formal exam period](#)" below.

### **In-Class Discussions (5 x 2% = 10%)**

In order to facilitate discussion with respect to current events in Neuropsychology, students will be required to deliberate, think critically, and present your own perspective while listening to other points of view. There will be 6 opportunities of which students only need to complete 5. Submission will be graded on quality and depth of application.

- All submissions must be delivered in .docx OR .pdf; *submissions in any other format will not be accepted* and given "0".

**No extensions or re-makes will be permitted;** failure to complete a specific activity will result in a "0" for the associated 2%.

### **Assignment (20%)**

The purpose of this project is to introduce students to the relationship between assessment tools and clinical neuropsychology. Students will be assigned into groups and required to write a brief report about a disorder of their choosing. The report will include an overview of diagnostic features, corresponding clinical assessment inventory/battery, and an imaging study investigating the relationship thereof. Guidelines and detailed information will be posted on Brightspaces.

- All submissions must be in .docx OR .pdf; *submissions in any other format will not be accepted* and given "0".
- A draft component of 3% will be used to ensure students are completing the project in a timely fashion. **This component will be graded on a pass/fail basis** and will double as a feedback opportunity.
- **No extensions, make-ups or substitutions will be permitted;** failure to complete a relevant summary will result in a "0" for the associated 15%.

### **Bonus (2%)**

There are two options to choose from. Students *cannot* do both for additive/double credit.

#### SONA

You may participate in the Psychology Research Participation System (SONA). You will receive 1% bonus points for each 1 credit of participation.

#### Research Art Project

You will be required to create an art piece that contrasts a psychological function, ability or

process in both typical and abnormal form. You will receive credit based on fulfilling the criteria of the project (and not content). Instructions will be posted on Brightspaces.

All credit allotment and art projects must be allocated or submitted, respectively, **by 4:30 pm on April 7<sup>th</sup>, 2021.**

## POLICIES

### Respect

We are all very diverse and have different values, beliefs, opinions and cultural backgrounds. Class time is meant to discuss ideas, and you may encounter opinions that you do not share with others. Maintaining an open mind refers to listening, considering other's perspectives and experiences, and accepting those ideas *even if you do not agree with them.*

Respect also includes creating a safe environment conducive to learning, which means optimizing everyone's needs while also not distracting, hindering, or impeding other's ability to listen, learn and study. We are all committed to creating an environment that is safe and inclusive for everyone despite differences in gender, sexuality, age, ability, socioeconomic status, ethnicity, and culture.

UVic's standards for Student Conduct can be found here:

<https://www.uvic.ca/services/advising/advice-support/academic-units/student-code-of-conduct/index.php>

### ***Territory Acknowledgement:***

We acknowledge with respect the Lekwungen peoples on whose traditional territory the university stands and the Songhees, Esquimalt and WSANEC peoples whose historical relationships with the land continue to this day.

### Extraneous Circumstances

Life happens! If you find yourself in a position where completing course requirements is not possible, or if something comes up that's affecting your progress/abilities, please come speak to us **BEFORE** a due date. Extensions, exemptions, or negotiations *will not be granted on or after a deadline.*

### Contacting Us

#### ***Office Hours***

No appointment is needed if you will be attending regular office hours (denoted above). If you would like to book an appointment outside this time, please e-mail us. The Instructor will be available to discuss your grades, material, or more general topics about psychology, whereas the TA can aid in learning/understanding course material. Please be advised the TA has no power to change grades or postpone due dates; the TA is a learning resource.

#### ***E-mail***

When e-mailing the Instructor or the TA, please...

- include "psyc351B" in your subject headline or the e-mail will not reach us!
- include your name and student number at the bottom of the e-mail
- allow 24 hours (1 day) for a reply before resending the e-mail again
- do not contact us through Brightspace instant messenger; we will not reply

## \*Tentative Course Schedule

Sun	M	T	W	Th	F	Sat	
	10 <sup>th</sup> Introduction	11 <sup>th</sup>	12 <sup>th</sup> Ch 4 (Structure)	13 <sup>th</sup> Ch 5.2 - 5.7 (Structure)	14 <sup>th</sup>	15 <sup>th</sup>	
16 <sup>th</sup>	17 <sup>th</sup> Ch 5.2 - 5.7 (Communication)	18 <sup>th</sup>	19 <sup>th</sup> Ch 7 (Imaging)	20 <sup>th</sup> Ch 7 (Imaging)	21 <sup>st</sup>	22 <sup>nd</sup>	
23 <sup>rd</sup>	24 <sup>th</sup> Ch 3 (Organization)	25 <sup>th</sup>	26 <sup>th</sup> Ch 3 (Organization)	27 <sup>th</sup> Ch 10.3 (Functional)	28 <sup>th</sup> Topic due	29 <sup>th</sup>	
30 <sup>th</sup>	31 <sup>st</sup> Ch 8.2 (Sensory)	1 <sup>st</sup>	2 <sup>nd</sup> Ch 8.2 (Sensory)	3 <sup>rd</sup> Ch 9 (Motor)	4 <sup>th</sup>	5 <sup>th</sup>	
6 <sup>th</sup>	7 <sup>th</sup> Midterm 1 Ch 3,4,5,7,8,9,10	8 <sup>th</sup>	9 <sup>th</sup> Ch 13 (Occipital)	10 <sup>th</sup> Ch 13 (Occipital)	11 <sup>th</sup>	12 <sup>th</sup>	
13 <sup>th</sup>	14 <sup>th</sup> Ch 15.1 – 15.2 (Temporal)	15 <sup>th</sup>	16 <sup>th</sup> Ch 15.1 – 15.2 (Temporal)	17 <sup>th</sup> Ch 14 (Parietal)	18 <sup>th</sup>	19 <sup>th</sup>	
20 <sup>th</sup>	21 <sup>st</sup> – 25 <sup>th</sup> Reading Break					25 <sup>th</sup> Draft Due	26 <sup>th</sup>
27 <sup>th</sup>	28 <sup>th</sup> Ch16 (Frontal)	1 <sup>st</sup>	2 <sup>nd</sup> Ch16 (Frontal)	3 <sup>rd</sup> Ch 22.1-22.3 (Attention)	4 <sup>th</sup>	5 <sup>th</sup>	
6 <sup>th</sup>	7 <sup>th</sup> Ch 22.1-22.3 (Attention)	8 <sup>th</sup>	9 <sup>th</sup> Ch 18 (Learning & Memory)	10 <sup>th</sup> Ch 18 (Learning & Memory)	11 <sup>th</sup>	12 <sup>th</sup>	
13 <sup>th</sup>	14 <sup>th</sup> Midterm 2 Ch 13,14,15,16,18,22	15 <sup>th</sup>	16 <sup>th</sup> Ch 19 (Language)	17 <sup>th</sup> Ch 19 (Language)	18 <sup>th</sup>	19 <sup>th</sup>	
20 <sup>th</sup>	21 <sup>st</sup> In-class Work	22 <sup>nd</sup>	23 <sup>rd</sup> Ch 24.3-24.4 (Developmental Disorder)	24 <sup>th</sup> Ch 24.3-24.4 (Developmental Disorder)	25 <sup>th</sup>	26 <sup>th</sup>	
27 <sup>th</sup>	28 <sup>th</sup> Ch 27 (Psychosis & Dementia)	29 <sup>th</sup>	30 <sup>th</sup> Ch 27 (Psychosis & Dementia)	31 <sup>st</sup> Ch 26 (Neurological Disorder)	1 <sup>st</sup> Paper Due	2 <sup>nd</sup>	
3 <sup>rd</sup>	4 <sup>th</sup> Ch 28 (Assessment)	5 <sup>th</sup>	6 <sup>th</sup> Ch 28 (Assessment)	7 <sup>th</sup> Midterm 3: TBD Final Exam Period Ch 19,20,24,26,27,28	8 <sup>th</sup> Group Assess Due	9 <sup>th</sup>	

\*Dates and topics are approximate and subject to change

**UNIVERSITY OF VICTORIA**  
**Department of Psychology**

**Important Course Policy Information**  
**Winter 2022**

***Prerequisites***

Students who remain in courses for which they do not have the prerequisites do so at their own risk. Students who complete courses without prerequisites ARE NOT exempt from having to complete the prerequisite course(s) if such courses are required for the degree program.

***Program Requirements***

For more information see the UVic Calendar January 2022.

***Registration Status***

Students are responsible for verifying their registration status. Registration status may be verified using My Page, View Schedule. Course adds and drops will not be processed after the deadlines set out in the current UVic Calendar.

***Commitment to Inclusivity and Diversity***

The University of Victoria is committed to promoting, providing and protecting a positive and supportive and safe learning and working environment for all its members.

***In the Event of Illness, Accident or Family Affliction***

- *What to do if you miss the final exam scheduled during the formal exam period*

Apply at Records Services for a "Request for Academic Concession", normally within 10 working days of the date of the exam. Records Services will forward the form to the instructor. If the concession is granted, the instructor will determine how to deal with the situation (for example, a deferred exam). Where a concession is not applied for or where such application is denied, an N grade will be entered on the student's academic record.

OR, you can download the Request for Academic Concession form here:

<http://www.uvic.ca/registrar/assets/docs/record-forms/rac.pdf>

- *What to do if you miss an exam other than one scheduled during the formal exam period*

Do not apply at Records Services for a "Request for Academic Concession". Instead submit documentation of the illness, accident or family affliction directly to your course instructor (or designated teaching assistant).

- *What to do if you require additional time to complete course requirements*

Apply at Records Services for a "Request for Academic Concession", normally within 10 working days of the end of the formal examination period. Records Services will forward the form to the instructor. If the concession is granted the instructor will determine how to deal with the situation. Where a concession is not applied for or where such application is denied, an N grade will be entered on the student's academic record.

OR, you can download the Request for Academic Concession form here:

<http://www.uvic.ca/registrar/assets/docs/record-forms/rac.pdf>

***Policy on Academic Integrity including Plagiarism and Cheating***

The Department of Psychology fully endorses and intends to enforce rigorously the Senate Policy on Academic integrity [https://www.uvic.ca/calendar/future/undergrad/#/policy/Sk\\_0xsM\\_V?bc=true&bcCurrent=08%20-%20Policy%20on%20Academic%20Integrity&bcGroup=Undergraduate%20Academic%20Regulations&bcItemType=policies](https://www.uvic.ca/calendar/future/undergrad/#/policy/Sk_0xsM_V?bc=true&bcCurrent=08%20-%20Policy%20on%20Academic%20Integrity&bcGroup=Undergraduate%20Academic%20Regulations&bcItemType=policies). It is of utmost importance that students who do their work honestly be protected from those who do not. Because this policy is in place to ensure that students carry out and benefit from the learning activities assigned in each course, it is expected that students will cooperate in its implementation.

The offences defined by the policy can be summarized briefly as follows:

1. **Plagiarism.** You must make sure that the work you submit is your work and not someone else's. There are proper procedures for citing the works of others. The student is responsible for being aware of and using these procedures.
2. **Unauthorized Use of an Editor.** The use of an editor is prohibited unless the instructor grants explicit written authorization.
3. **Multiple Submission.** Only under exceptional circumstances may a work submitted to fulfill an academic requirement be used to satisfy another similar requirement. The student is responsible for clarifying this with the instructor(s) involved.
4. **Falsifying Materials Subject to Academic Evaluation.** This includes falsification of data, use of commercially prepared essays, using information from the Internet without proper citation, citing sources from which material is not actually obtained, etc.
5. **Cheating on Assignments, Tests, and Examinations.** You may not copy the work of others in or out of class; you may not give your work to others for the purpose of copying; you may not use unauthorized material or equipment during examinations or tests; and you may not impersonate or allow yourself to be impersonated by another at an examination. The Department of Psychology has a policy of not making old examinations available for study purposes. Therefore, use of old exams without the express written permission of the instructor constitutes cheating by the user, and abetting of cheating by the person who provided the exam.
6. **Being an Accessory to Offences.** This means that helping another student to cheat (for instance, by showing or communicating to them answers to an assignment, or by allowing them to view answers on an exam) is an academic offence.

Instructors are expected to make every effort to prevent cheating and plagiarism. This may include the assignment of seating for examinations, asking students to move during examinations, requests to see student identification cards, and other measures as appropriate. Instructors also have available to them a variety of tools and procedures to check for Internet and electronic media-based cheating. In instances of suspected or actual plagiarism or cheating, instructors, following prescribed procedures, are authorized to take steps consistent with the degree of the offence. These measures will range from a zero on the test or assignment or a failing grade for the course, probation within a program to temporary or even permanent suspension from the University.

Rights of Appeal are described in the Policy on Academic Integrity in the University calendar September 2021.

**The definitive source** for information on Academic Integrity is the University Calendar

**Other useful resources on Plagiarism and Cheating include:**

1. The Study Solutions Office: <https://www.uvic.ca/services/counselling/success/study/index.php>
2. The Ombudsperson's office: <http://www.uvss.uvic.ca/ombudsperson/pubsguides/plagiarism.pdf>  
The [Office of the Ombudsperson](#) is an independent and impartial resource to assist with the fair resolution of student issues. A confidential consultation can help you understand your rights and responsibilities. The Ombudsperson can also clarify information, help navigate procedures, assist with problem-solving, facilitate communication, provide feedback on an appeal, investigate and make recommendations. Phone: 250-721-8357; Email: [ombuddy@uvic.ca](mailto:ombuddy@uvic.ca); Web: [uvicombudsperson.ca](http://uvicombudsperson.ca).
3. UVic Library Resources: <http://www.uvic.ca/library/research/citation/plagiarism/>
4. [https://www.uvic.ca/library/research/citation/documents/avoiding%20plagiarism%20guideUpdate\\_Sept\\_2013.pdf](https://www.uvic.ca/library/research/citation/documents/avoiding%20plagiarism%20guideUpdate_Sept_2013.pdf)





# BE WELL

A note to remind you to take care of yourself. Do your best to maintain a healthy lifestyle this semester by eating well, exercising, getting enough sleep and taking some time to relax. This will help you achieve your goals and cope with stress. All of us benefit from support during times of struggle. You are not alone.

## ***Social Life, Friends, & Community at UVic:***

Having a social network is an extremely important foundation for positive mental health. There are lots of benefits to joining clubs, course unions, intramurals and teams on campus.

<https://www.uvic.ca/mentalhealth/undergraduate/connecting/index.php>

## ***Counselling Services:***

Counselling Services can help you make the most of your university experience. They offer free professional, confidential, inclusive support to currently registered UVic students.

[www.uvic.ca/services/counselling/](http://www.uvic.ca/services/counselling/)

## ***Health Services:***

University Health Services (UHS) provides a full service primary health clinic for students, and coordinates healthy student and campus initiatives.

[www.uvic.ca/services/health/](http://www.uvic.ca/services/health/)

## ***Centre for Accessible Learning:***

The CAL staff are available by appointment to assess specific needs, provide referrals and arrange appropriate accommodations [www.uvic.ca/services/cal/](http://www.uvic.ca/services/cal/). The sooner you let us know your needs, the quicker we can assist you in achieving your learning goals in this course.

## ***Elders' Voices:***

The Office of Indigenous Academic and Community Engagement (IACE) has the privilege of assembling a group of Elders from local communities to guide students, staff, faculty and administration in Indigenous ways of knowing and being.

[www.uvic.ca/services/indigenous/students/programming/elders/](http://www.uvic.ca/services/indigenous/students/programming/elders/)

## ***Mental Health Supports and Services:***

Mental health supports and services are available to students from all areas of the UVic community:

[www.uvic.ca/mentalhealth/undergraduate/](http://www.uvic.ca/mentalhealth/undergraduate/)

## ***Sexualized Violence Prevention and Response at UVic***

UVic takes sexualized violence seriously, and has raised the bar for what is considered acceptable behaviour. We encourage students to learn more about how the university defines sexualized



violence and its overall approach by visiting [www.uvic.ca/svp](http://www.uvic.ca/svp). If you or someone you know has been impacted by sexualized violence and needs information, advice, and/or support please contact the sexualized violence resource office in Equity and Human Rights (EQHR). Whether or not you have been directly impacted, if you want to take part in the important prevention work taking place on campus, you can also reach out:

Where: Sexualized violence resource office in EQHR, Sedgewick C119

Phone: 250.721.8021

Email: [svpcoordinator@uvic.ca](mailto:svpcoordinator@uvic.ca)

Web: [www.uvic.ca/svp](http://www.uvic.ca/svp)