



## UNSW Course Outline

# PSYC3202 Clinical and Cognitive Neuroscience - 2024

Published on the 03 Sep 2024

## General Course Information

**Course Code :** PSYC3202

**Year :** 2024

**Term :** Term 3

**Teaching Period :** T3

**Is a multi-term course? :** No

**Faculty :** Faculty of Science

**Academic Unit :** School of Psychology

**Delivery Mode :** In Person

**Delivery Format :** Standard

**Delivery Location :** Kensington

**Campus :** Sydney

**Study Level :** Undergraduate

**Units of Credit :** 6

### Useful Links

[Handbook Class Timetable](#)

## Course Details & Outcomes

### Course Description

This course will provide insights into major neural networks and their role in good and poor mental health. The course will also cover theoretical models of the aetiology and neural mechanisms of mental health problems (including, anxiety, depression, addiction and psychosis)

and cognition, and the research evidence supporting them. Research methods in Clinical and Cognitive Neuroscience, including experimental, imaging, longitudinal and epidemiological studies will be covered to outline the strengths and limitations of these techniques. The course will consider mental health from the perspective of neuroscience and will therefore also expand and deepen your understanding of human experimental psychology and its neural basis, including behaviour, cognition, emotion and development.

The course will be delivered through online activities and lectures. The tutorials will provide you with experience in the development and presentation of research proposals in the field of clinical and cognitive neuroscience.

## **Course Aims**

This course aims to convey current knowledge concerning the neural mechanisms of good and poor mental health. Students will gain an enhanced understanding of research methods, theoretical models and current debates in Clinical and Cognitive Neuroscience. The course also aims to improve students' critical thinking skills, capacity to review academic material and oral and written communication.

## **Relationship to Other Courses**

It builds on, and assumes knowledge from, PSYC2101 Assessment, Personality and Psychopathology and PSYC2081 Learning and Physiological Psychology.

# Course Learning Outcomes

Course Learning Outcomes
CLO1 : Evaluate the contribution of different areas of psychology such as cognition, development and neuroscience to the understanding of normal and abnormal functioning.
CLO2 : Explain theoretical models of the aetiology and neural mechanisms of clinical and cognitive pathologies and evaluate the research evidence supporting them.
CLO3 : Critically analyse research findings and theoretical claims in clinical and cognitive applications of neuroscience
CLO4 : Demonstrate advanced oral and written communication skills.

Course Learning Outcomes	Assessment Item
CLO1 : Evaluate the contribution of different areas of psychology such as cognition, development and neuroscience to the understanding of normal and abnormal functioning.	<ul style="list-style-type: none"><li>• Tutorial preparation and participation</li><li>• Final exam</li></ul>
CLO2 : Explain theoretical models of the aetiology and neural mechanisms of clinical and cognitive pathologies and evaluate the research evidence supporting them.	<ul style="list-style-type: none"><li>• The conversation article</li><li>• Tutorial preparation and participation</li><li>• Final exam</li></ul>
CLO3 : Critically analyse research findings and theoretical claims in clinical and cognitive applications of neuroscience	<ul style="list-style-type: none"><li>• Pitch presentation and annotated bibliography</li><li>• The conversation article</li></ul>
CLO4 : Demonstrate advanced oral and written communication skills.	<ul style="list-style-type: none"><li>• Pitch presentation and annotated bibliography</li><li>• The conversation article</li><li>• Final exam</li></ul>

## Learning and Teaching Technologies

Moodle - Learning Management System

## Additional Course Information

**Psychology Student Guide:** The [School of Psychology Student Guide](#) contains School policies and procedures relevant for all students enrolled in undergraduate or Masters psychology courses, such as:

- Attendance requirements
- Assignment submissions and returns
- Assessments

- Special consideration
- Student code of conduct
- Student complaints and grievances
- Equitable Learning Services
- Health and safety

It is expected that students familiarise themselves with the information contained in this guide

# Assessments

## Assessment Structure

Assessment Item	Weight	Relevant Dates
The conversation article Assessment Format: Individual Short Extension: Yes (3 days)	20%	Due Date: 11/11/2024 12:00 AM
Tutorial preparation and participation Assessment Format: Individual	10%	Start Date: Not Applicable Due Date: Not Applicable
Final exam Assessment Format: Individual	45%	Start Date: Not Applicable Due Date: Not Applicable
Pitch presentation and annotated bibliography Assessment Format: Individual Short Extension: Yes (3 days)	25%	Start Date: Not Applicable Due Date: 18/11/2024 12:00 AM

## Assessment Details

### The conversation article

#### Assessment Overview

You will submit a 1000-word article in the style of The Conversation about your chosen research topic. The article should be targeted at a lay audience and should synthesise the body of research that you presented in your annotated bibliography. Your article is due in Week 10. Feedback will be available within 10 working days.

#### Course Learning Outcomes

- CL02 : Explain theoretical models of the aetiology and neural mechanisms of clinical and cognitive pathologies and evaluate the research evidence supporting them.
- CL03 : Critically analyse research findings and theoretical claims in clinical and cognitive applications of neuroscience
- CL04 : Demonstrate advanced oral and written communication skills.

#### Assessment Length

1000 words

### **Assignment submission Turnitin type**

This assignment is submitted through Turnitin and students can see Turnitin similarity reports.

### **Generative AI Permission Level**

#### **Simple Editing Assistance**

In completing this assessment, you are permitted to use standard editing and referencing functions in the software you use to complete your assessment. These functions are described below. You must not use any functions that generate or paraphrase passages of text or other media, whether based on your own work or not.

If your Convenor has concerns that your submission contains passages of AI-generated text or media, you may be asked to account for your work. If you are unable to satisfactorily demonstrate your understanding of your submission you may be referred to UNSW Conduct & Integrity Office for investigation for academic misconduct and possible penalties.

For more information on Generative AI and permitted use please see [here](#).

### **Tutorial preparation and participation**

#### **Assessment Overview**

Tutorials in PSYC3202 run in flipped mode. You will be expected to come to tutorials prepared to discuss the material set for that week, including lecture content and prescribed readings. To help you prepare for tutorial discussion, you will write a short reaction paper and submit it online in a forum via Moodle. The reaction paper template will ask you to reflect on which lecture/reading concepts you have found most interesting and challenging each week. Tutors will grade reaction papers as satisfactory or unsatisfactory. Feedback will be available within 10 working days.

#### **Course Learning Outcomes**

- CL01 : Evaluate the contribution of different areas of psychology such as cognition, development and neuroscience to the understanding of normal and abnormal functioning.
- CL02 : Explain theoretical models of the aetiology and neural mechanisms of clinical and cognitive pathologies and evaluate the research evidence supporting them.

### **Assignment submission Turnitin type**

Not Applicable

### **Generative AI Permission Level**

#### **Simple Editing Assistance**

In completing this assessment, you are permitted to use standard editing and referencing functions in the software you use to complete your assessment. These functions are described

below. You must not use any functions that generate or paraphrase passages of text or other media, whether based on your own work or not.

If your Convenor has concerns that your submission contains passages of AI-generated text or media, you may be asked to account for your work. If you are unable to satisfactorily demonstrate your understanding of your submission you may be referred to UNSW Conduct & Integrity Office for investigation for academic misconduct and possible penalties.

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## **Final exam**

### **Assessment Overview**

The 2-hour final exam consisting of short answer and/or multiple choice questions will be scheduled during the official examination period and will cover material covered in both lectures and tutorials from weeks 1 through 10.

### **Course Learning Outcomes**

- CL01 : Evaluate the contribution of different areas of psychology such as cognition, development and neuroscience to the understanding of normal and abnormal functioning.
- CL02 : Explain theoretical models of the aetiology and neural mechanisms of clinical and cognitive pathologies and evaluate the research evidence supporting them.
- CL04 : Demonstrate advanced oral and written communication skills.

### **Assignment submission Turnitin type**

Not Applicable

### **Generative AI Permission Level**

Not Applicable

Generative AI is not considered to be of assistance to you in completing this assessment. If you do use generative AI in completing this assessment, you should attribute its use.

For more information on Generative AI and permitted use please see [here](#).

## **Pitch presentation and annotated bibliography**

### **Assessment Overview**

This assessment scaffolds the process of conducting the research required to write your Conversation article (Assessment 3) and helps you to build communication skills. You will select a topic from the areas to be covered during the term.

In tutorials, you will deliver a 10 min pitch, outlining key findings of six papers you have

assembled on your chosen topic and how you plan to synthesise this body of research into an article in the style of The Conversation. During the discussion time following your presentation, your tutor and peers will ask questions and provide suggestions that you may use to inform how you approach Assessment 3.

You will also prepare an annotated bibliography, summarising the six empirical papers that are most relevant to your chosen article topic. The annotated bibliography will assess your skills in critical evaluation and reflective analysis and should be submitted to Turnitin in Week 9. Feedback will be available within 10 working days

### **Course Learning Outcomes**

- CLO3 : Critically analyse research findings and theoretical claims in clinical and cognitive applications of neuroscience
- CLO4 : Demonstrate advanced oral and written communication skills.

### **Assessment Length**

1800 words

### **Assignment submission Turnitin type**

This assignment is submitted through Turnitin and students can see Turnitin similarity reports.

### **Generative AI Permission Level**

#### **Simple Editing Assistance**

In completing this assessment, you are permitted to use standard editing and referencing functions in the software you use to complete your assessment. These functions are described below. You must not use any functions that generate or paraphrase passages of text or other media, whether based on your own work or not.

If your Convenor has concerns that your submission contains passages of AI-generated text or media, you may be asked to account for your work. If you are unable to satisfactorily demonstrate your understanding of your submission you may be referred to UNSW Conduct & Integrity Office for investigation for academic misconduct and possible penalties.

For more information on Generative AI and permitted use please see [here](#).

## **General Assessment Information**

**Special Consideration:** Students who experience circumstances outside of their control that prevent them from completing an assessment task by the assigned due date due can apply for Special Consideration. Special Consideration applications should include a medical certificate or other documentation and be submitted via myUNSW within 3 days of the sitting/due date.

**Important note:** UNSW has a “fit to sit/submit” rule, which means that if you sit an exam or submit a piece of assessment, you are declaring yourself fit to do so and cannot later apply for Special Consideration. This is to ensure that if you feel unwell or are faced with significant circumstances beyond your control that affect your ability to study, you do not sit an examination or submit an assessment that does not reflect your best performance. Instead, you should apply for Special Consideration as soon as you realise you are not well enough or are otherwise unable to sit or submit an assessment.

Once your application has been assessed, you will be contacted via your student email address and advised of the official outcome. If the special consideration application is approved, you may be given an extended due date, or an alternative assessment/supplementary examination may be set. For more information about special consideration, please visit: <https://student.unsw.edu.au/special-consideration>.

**Alternative assessments:** will be subject to approval and implemented in accordance with UNSW Assessment Implementation Procedure and Psychology Student Guide.

**Supplementary examinations:** will be made available for students with approved special consideration application and implemented in accordance with UNSW Assessment Policy and Psychology Student Guide.

All course assessments have been designed and implemented in accordance with [UNSW Assessment Policy](#).

The APA (7<sup>th</sup> edition) referencing style is to be adopted in this course. Students should consult the publication manual itself (rather than third party interpretations of it) in order to properly adhere to APA style conventions. Students do not need to purchase a copy of the manual, it is available in the library or online. This resource is used by assessment markers and should be the only resource used by students to ensure they adopt this style appropriately.

### Grading Basis

Standard

## Course Schedule

## Attendance Requirements

Students are strongly encouraged to attend all classes and review lecture recordings.



## General Schedule Information

The course schedule is made available on the Moodle page, please refer to the "Course Schedule" .

## Staff Details

Position	Name	Email	Location	Phone	Availability	Equitable Learning Services Contact	Primary Contact
	Adrienne Withall					No	Yes
	Jenny Richmond					No	No

## Other Useful Information

### Academic Information

Upon your enrolment at UNSW, you share responsibility with us for maintaining a safe, harmonious and tolerant University environment.

You are required to:

- Comply with the University's conditions of enrolment.
- Act responsibly, ethically, safely and with integrity.
- Observe standards of equity and respect in dealing with every member of the UNSW community.
- Engage in lawful behaviour.
- Use and care for University resources in a responsible and appropriate manner.
- Maintain the University's reputation and good standing.

For more information, visit the [UNSW Student Code of Conduct Website](#).

### Academic Honesty and Plagiarism

**Referencing** is a way of acknowledging the sources of information that you use to research your assignments. You need to provide a reference whenever you draw on someone else's words, ideas or research. Not referencing other people's work can constitute plagiarism.

Further information about referencing styles can be located at <https://student.unsw.edu.au/referencing>

**Academic integrity** is fundamental to success at university. Academic integrity can be defined as

a commitment to six fundamental values in academic pursuits: honesty, trust, fairness, respect, responsibility and courage. At UNSW, this means that your work must be your own, and others' ideas should be appropriately acknowledged. If you don't follow these rules, plagiarism may be detected in your work.

Further information about academic integrity, plagiarism and the use of AI in assessments can be located at:

- The [Current Students site](#),
- The [ELISE training site](#), and
- The [Use of AI for assessments](#) site.

The Student Conduct and Integrity Unit provides further resources to assist you to understand your conduct obligations as a student: <https://student.unsw.edu.au/conduct>

## Submission of Assessment Tasks

### Penalty for Late Submissions

UNSW has a standard late submission penalty of:

- 5% per day,
- for all assessments where a penalty applies,
- capped at five days (120 hours) from the assessment deadline, after which a student cannot submit an assessment, and
- no permitted variation.

***Any variations to the above will be explicitly stated in the Course Outline for a given course or assessment task.***

Students are expected to manage their time to meet deadlines and to request extensions as early as possible before the deadline.

### Special Consideration

If circumstances prevent you from attending/completing an assessment task, you must officially apply for special consideration, usually within 3 days of the sitting date/due date. You can apply by logging onto myUNSW and following the link in the My Student Profile Tab. Medical documentation or other documentation explaining your absence must be submitted with your application. Once your application has been assessed, you will be contacted via your student email address to be advised of the official outcome and any actions that need to be taken from there. For more information about special consideration, please visit: <https://student.unsw.edu.au/special-consideration>

**Important note:** UNSW has a “fit to sit/submit” rule, which means that if you sit an exam or submit a piece of assessment, you are declaring yourself fit to do so and cannot later apply for Special Consideration. This is to ensure that if you feel unwell or are faced with significant circumstances beyond your control that affect your ability to study, you do not sit an examination or submit an assessment that does not reflect your best performance. Instead, you should apply for Special Consideration as soon as you realise you are not well enough or are otherwise unable to sit or submit an assessment.

## Faculty-specific Information

### Additional support for students

- [The Current Students Gateway](#)
- [Student Support](#)
- [Academic Skills and Support](#)
- [Student Wellbeing, Health and Safety](#)
- [Equitable Learning Services](#)
- [UNSW IT Service Centre](#)
- Science EDI Student [Initiatives](#), [Offerings](#) and [Guidelines](#)