



UNSW Course Outline

PSYC3202 Clinical and Cognitive Neuroscience - 2023

Course Code : PSYC3202
Year : 2023
Term : Term 3
Teaching Period : T3
Delivery Mode : In Person
Delivery Format : Standard
Delivery Location : Kensington

General Course Information

Course Code : PSYC3202
Year : 2023
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.

Course Learning Outcomes

Course Learning Outcomes
CL01 : Identify major systems of the human brain and how they relate to good and poor mental health.
CL02 : Explain theoretical models of the aetiology and neural mechanisms of mental health problems and cognition and the research evidence supporting them.
CL03 : Identify the contributions and limitations of different research methods in Clinical and Cognitive Neuroscience, including experimental, analogue, and imaging studies.
CL04 : Understand the contribution of different areas of psychology such as cognition, learning, social psychology and neuroscience to the understanding of normal and abnormal functioning.
CL05 : Critically analyse research findings and theoretical claims in Clinical and Cognitive Neuroscience.
CL06 : Appreciate the historical context, ethical principles, and social values in the study of Clinical and Cognitive Neuroscience.
CL07 : Demonstrate advanced oral and written communication skills.
CL08 : Assimilate, assess, and evaluate psychological knowledge and existing research to develop and propose novel research ideas in written and oral format.

Course Learning Outcomes	Assessment Item
CL01 : Identify major systems of the human brain and how they relate to good and poor mental health.	<ul style="list-style-type: none"> • Research proposal • Tutorial preparation and participation • Final exam

CL02 : Explain theoretical models of the aetiology and neural mechanisms of mental health problems and cognition and the research evidence supporting them.	<ul style="list-style-type: none"> • Research proposal • Tutorial preparation and participation • Final exam
CL03 : Identify the contributions and limitations of different research methods in Clinical and Cognitive Neuroscience, including experimental, analogue, and imaging studies.	<ul style="list-style-type: none"> • Research proposal • Tutorial preparation and participation • Final exam
CL04 : Understand the contribution of different areas of psychology such as cognition, learning, social psychology and neuroscience to the understanding of normal and abnormal functioning.	<ul style="list-style-type: none"> • Tutorial preparation and participation
CL05 : Critically analyse research findings and theoretical claims in Clinical and Cognitive Neuroscience.	<ul style="list-style-type: none"> • Final exam • Tutorial preparation and participation
CL06 : Appreciate the historical context, ethical principles, and social values in the study of Clinical and Cognitive Neuroscience.	<ul style="list-style-type: none"> • Tutorial preparation and participation
CL07 : Demonstrate advanced oral and written communication skills.	<ul style="list-style-type: none"> • Proposal presentations • Research proposal • Tutorial preparation and participation
CL08 : Assimilate, assess, and evaluate psychological knowledge and existing research to develop and propose novel research ideas in written and oral format.	<ul style="list-style-type: none"> • Proposal presentations • Research proposal • Final exam • Tutorial preparation and participation

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
Proposal presentations Assessment Format Individual	10%	Start Date Not Applicable
Research proposal Assessment Format Individual	40%	Due Date 16/11/2023 11:59 PM
Tutorial preparation and participation Assessment Format Individual	5%	Due Date Week 7
Final exam Assessment Format Individual	45%	Due Date Exam period

Assessment Details

Proposal presentations

Assessment Overview

One week before the relevant tutorial you will be expected to post your research proposal presentations. The proposal presentations should focus on the background rationale for your research proposal (assessment #4) and your proposed study design. **Note presentation date will be considered in the assessment (i.e., earlier presentations will NOT be disadvantaged).**

Detailed Assessment Description

Note, a correction to the above research proposal is assessment number 2 in this guide.

Assessment Length

10 minutes

Assignment submission Turnitin type

Not Applicable

Research proposal

Assessment Overview

You will be expected to submit via Turnitin a 2000-word APA research proposal in the style of a grant application that is due in week 10. The proposal is worth 40% of the overall mark in the

course. Further information on the format and approach for the research proposal will be provided closer to the release date of the assessment. Feedback will be provided online via Moodle no longer than 10 working days from the due date. Any assessments submitted after feedback is returned will not be marked and will receive a grade of 0.

Tutorial preparation and participation

Assessment Overview

Attendance and active participation in tutorials is an important component of the course. You will be expected to watch **all presentations for that weeks tutorial ahead of the tutorial and prepare questions relating to those presentations**. The presenters will chair the discussion pertaining to their presentation.

In addition tutorial assessment 1 requires you to provide feedback to one of your fellow students on their proposal draft. **All draft proposal are submitted by Monday week 7 and feedback is due on Friday of week 7**. You will have to provide at least 100 words feedback per assessment category.

Detailed Assessment Description

Note, tutorial assessment 1 is Assessment 3 in this guide.

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.

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 (7th 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

Teaching Week/ Module	Activity Type	Content
Week 1 : 11 September - 15 September	Lecture	Lecture 1: Introduction to PSYC3202 Date: Tue 12 September 15.00-16.00 Loctation: Mathews Theatre B (K-D23-203)
	Lecture	Lecture 2: Cognitive Neuroscience Date: Thu 14 September 10.00-11.00 Loctation: Mathews Theatre B (K-D23-203)
Week 2 : 18 September - 22 September	Lecture	Lecture 3: The Structure of Psychopathology Date: Tue 19 September 15.00-16.00 Loctation: Mathews Theatre B (K-D23-203)
	Lecture	Lecture 4: The Adolescent Brain: Focus on Social Disorders

		<p>Date: Thu 21 September 10.00-11.00</p> <p>Loctation: Mathews Theatre B (K-D23-203)</p>
Online Activity		<p>Academic Writing</p> <p>Watch presentation on academic writing.</p>
Assessment		<p>Presentation submissions are due on Friday September 22 by 17.00 for all students presenting in week 3.</p> <p>Late penalties for presentation submission apply as per the university's student guide. The penalties will be applied to your proposal presentation mark.</p>
Week 3 : 25 September - 29 September	Lecture	<p>Lecture 5: Neuroanatomy</p> <p>Date: Tue 26 September 15.00-16.00</p> <p>Loctation: Mathews Theatre B (K-D23-203)</p>
	Lecture	<p>Lecture 6: Neuroimaging Methods</p> <p>Date: Thu 28 September 10.00-11.00</p> <p>Loctation: Mathews Theatre B (K-D23-203)</p>
	Tutorial	<p>Presentations on:</p> <ol style="list-style-type: none"> 1. The Remembering Brain 2. The Disorganised Brain 3. The Cross-cultural Brain
	Assessment	<p>Presentation submissions are due on Friday September 29 by 17.00 for all students presenting in week 4.</p> <p>Late penalties for presentation submission apply as per the university's student guide. The penalties will be applied to your proposal presentation mark.</p>
	Assessment	<p>Tutorial preparation</p> <p>Please watch all videos for that week's tutorial. Prepare a minimum of one question and one suggestion for improvement for each proposal based on the presentation. Submit your question and suggestion to the tutor BEFORE the tutorial.</p>

		<p>Late penalties for question/suggestion submission apply as per the university's student guide. The penalties will be applied to your tutorial participation mark.</p>
Week 4 : 2 October - 6 October	Lecture	<p>Lecture 7: The Brain in Childhood: Focus on Autism</p> <p>Date: Tue 3 October 15.00-16.00</p> <p>Loctation: Mathews Theatre B (K-D23-203)</p>
	Lecture	<p>Lecture 8: The Emotional Brain: Focus on Emotions and Emotion (Dys)regulation</p> <p>Date: Thu 5 October 10.00-11.00</p> <p>Loctation: Mathews Theatre B (K-D23-203)</p>
	Tutorial	<p>Presentations on:</p> <ol style="list-style-type: none"> 1. The Brain in Older Age 2. The Stressed Brain 3. The Tired Brain 4. Neuroscientifically Informed Treatments
	Assessment	<p>Presentation submissions are due on Friday October 6 by 17.00 for all students presenting in week 5.</p> <p>Late penalties for presentation submission apply as per the university's student guide. The penalties will be applied to your proposal presentation mark.</p>
	Assessment	<p>Tutorial preparation</p> <p>Please watch all videos for that week's tutorial. Prepare a minimum of one question and one suggestion for improvement for each proposal based on the presentation. Submit your question and suggestion to the tutor BEFORE the tutorial.</p> <p>Late penalties for question/suggestion submission apply as per the university's student guide. The penalties will be applied to your tutorial participation mark.</p>
Week 5 : 9 October - 13 October	Lecture	<p>Lecture 9: The Anxious Brain: Focus on Anxiety Disorders</p> <p>Date: Tue 10 October 15.00-16.00</p> <p>Loctation: Mathews Theatre B (K-D23-203)</p>
	Lecture	<p>Lecture 10: The Reward-Processing Brain: Focus on Addiction</p>

		Date: Thu 12 October 10.00-11.00 Loctation: Mathews Theatre B (K-D23-203)
Online Activity		The Biased Brain Watch the online activity and find out how your own brain demonstrates biases.
Tutorial		Presentations on: 1. The Sad Brain 2. The Emotional Brain 3. The Reward-Processing Brain
Assessment		Presentation submissions are due on Friday October 13 by 17.00 for all students presenting in week 7. Late penalties for presentation submission apply as per the university's student guide. The penalties will be applied to your proposal presentation mark.
Assessment		Tutorial preparation Please watch all videos for that week's tutorial. Prepare a minimum of one question and one suggestion for improvement for each proposal based on the presentation. Submit your question and suggestion to the tutor BEFORE the tutorial . Late penalties for question/suggestion submission apply as per the university's student guide. The penalties will be applied to your tutorial participation mark.
Week 6 : 16 October - 20 October	Other	ENJOY YOUR FLEX WEEK!
Week 7 : 23 October - 27 October	Lecture	Lecture 11: The Sad Brain: Focus on Mood Disorders Date: Tue 24 October 15.00-16.00 Loctation: Mathews Theatre B (K-D23-203)
	Lecture	Lecture 12: Neuroscientifically Informed Treatments for Psychiatric Disorders Date: Thu 26 October 10.00-11.00 Loctation: Mathews Theatre B (K-D23-203)

Tutorial	<p>Presentations on:</p> <ol style="list-style-type: none"> 1. The Brain in Childhood 2. The Brain in Adolescence 3. The Anxious Brain
Assessment	<p>Tutorial preparation</p> <p>Please watch all videos for that week's tutorial. Prepare a minimum of one question and one suggestion for improvement for each proposal based on the presentation. Submit your question and suggestion to the tutor BEFORE the tutorial.</p> <p>Late penalties for question/suggestion submission apply as per the university's student guide. The penalties will be applied to your tutorial participation mark.</p>
Assessment	<p>Proposal Draft Submission</p> <p>Please submit a complete draft of your proposal no later than Monday 23 October at 10.00.</p> <p>Late penalties for draft proposal submission apply as per the university's student guide. The penalties will be applied to your tutorial participation mark.</p>
Assessment	<p>Peer-Review Submission</p> <p>Please submit a your peer-review no later than Friday 27 October at 23.59.</p> <p>Late penalties for peer-reivew submission apply as per the university's student guide. The penalties will be applied to your tutorial participation mark.</p>
Week 8 : 30 October - 3 November	<p>Lecture</p> <p>Lecture 13: The Tired Brain: Focus on Sleep Distrurbances</p> <p>Date: Tue 31 October 15.00-16.00</p> <p>Loctation: Mathews Theatre B (K-D23-203)</p>
	<p>Lecture</p> <p>Lecture 14: The Brain in Older Age: Focus on Healthy Aging</p> <p>Date: Thu 2 November 10.00-11.00</p> <p>Loctation: Mathews Theatre B (K-D23-203)</p>
	<p>Tutorial</p> <p>Proposal Writing Workshop</p> <p>You will be working in your peer-review pairs to integrate each other's feedback and improve your proposals ahead of the submission deadline in week 10.</p>

	Assessment	<p>Submit 1 question for the revision tutorial in week 9 to your tutor no later than Sunday November 5 at 23.59.</p> <p>Late penalties for question submission apply as per the university's student guide. The penalties will be applied to your tutorial participation mark.</p>
Week 9 : 6 November - 10 November	Lecture	<p>Lecture 15: The Stressed Brain: Focus on PTSD</p> <p>Date: Tue 7 November 15.00-16.00</p> <p>Loctation: Mathews Theatre B (K-D23-203)</p>
	Tutorial	<p>Lecture 16: The Remembering Brain: Focus on Memory Biases</p> <p>Date: Thu 9 November 10.00-11.00</p> <p>Loctation: Mathews Theatre B (K-D23-203)</p>
	Tutorial	Revision tutorial
Week 10 : 13 November - 17 November	Lecture	<p>Lecture 16: The Disorganised Brain: Focus on Thought Disturbances</p> <p>Date: Tue 14 November 15.00-16.00</p> <p>Loctation: Mathews Theatre B (K-D23-203)</p>
	Lecture	<p>Lecture 18: The Cross-cultural Brain: Focus on Cultural Differences in Clinical and Cognitive Neuroscience</p> <p>Date: Thu 16 November 10.00-11.00</p> <p>Loctation: Mathews Theatre B (K-D23-203)</p>
	Assessment	<p>Research Proposal</p> <p>Your final proposal is due on Thursday 16 November at 23.59.</p> <p>Late penalties for proposal submission apply as per the university's student guide. The penalties will be applied to your proposal mark.</p>

Attendance Requirements

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

Staff Details

Position	Name	Email	Location	Phone	Availability	Equitable Learning Services Contact	Primary Contact
Convenor	Susanne Schweizer	s.schweizer@unsw.edu.au			By appointment	No	No
Lecturer	Louise Mewton	louisem@unsw.edu.au			By appointment	No	No
	Aliza Werner-Seidler	a.werner-seidler@blackdog.org.au			By appointment	No	No
	Steve Kassem	m.kassem@unsw.edu.au			By appointment	No	No
	Thomas Whitford	t.whitford@unsw.edu.au			By appointment	No	No
	Richard Bryant	r.bryant@unsw.edu.au			By appointment	No	No
	Kaarin Anstey	k.anstey@unsw.edu.au			By appointment	No	No
	Alexis Whitton	a.whitton@blackdog.org.au			By appointment	No	No
	Peter Lovibond	p.lovibond@unsw.edu.au			By appointment	No	No
	Belinda Liddell	b.liddell@unsw.edu.au			By appointment	No	No
Head tutor	Zoe Little	z.little@unsw.edu.au			By appointment	No	Yes
Tutor	Melissa Bebbington	m.bebbington@unsw.edu.au			By appointment	No	No
Lecturer	Sophie Li	s.h.li@blackdog.org.au			By appointment	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](#)