UNSW Course Outline

PSYC7210 Clinical Neuropsychology - 2024

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General Course Information

Course Code : PSYC7210
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 : Postgraduate
Units of Credit : 6

Useful Links

Handbook Class Timetable

Course Details & Outcomes

Course Description

This course introduces clinical psychologists to the principles of neuropsychology. The course commences with an overview of the neuroanatomy of the brain, followed by discussion of major areas of cognitive function that can be disrupted by focal brain lesions. Some common

neurological disorders will then be described including characteristic presentations on cognitive testing. The course will finish with a focus on rehabilitation of brain injury and evidence-based practice for interventions to address neuropsychological disorders.

This course is designed to equip Clinical Psychologists to safely interact with, assess and treat adults with acquired brain damage. It is expected that candidates who have completed PSYC7210 will be confidently able to undertake basic neuropsychological assessment and prepare reports for real clients, under the supervision of a professional psychologist. They should also be able to interpret neuropsychological reports written by others, appreciate the importance and influence of cultural context on the manifestation and impact of neuropsychological impairment, devise therapy programs that take into account cognitive deficits and appreciate how a psychologist operates within a multidisciplinary team. The course entails 2 x two hour lectures each week, which will include case discussions. It is expected that students will spend an additional 6 hours per week reading and researching each topic discussed in class.

Course Aims

This course aims to provide candidates with the information and skills to provide basic assessments of cognitive function in clients with suspected brain conditions and to equip them with knowledge regarding common neurological disorders and their consequences in terms of disorders of thought, emotion and behaviour. It is also designed to provide a sound grounding in knowledge of principles underpinning rehabilitation following brain injury and how to access the evidence. The emphasis of this course is to train clinical psychologists to provide safe professional practice to members of the public who are at risk of, or who experience cognitive and emotional impairment related to brain disorders. The approach encompasses consideration of multi-cultural factors in assessment and remediation and how to work within a multi-disciplinary team.

Relationship to Other Courses

PSYC7210 is one of the mandatory courses in the Masters of Clinical Psychology program

Course Learning Outcomes

Course Learning Outcomes
CLO1 : Accurately identify major lobes of the brain, subcortical structures, connections, and blood supplies.
CLO2 : Relate basic features and theoretical perspectives of major neuropsychological disorders and major neurological conditions.
CLO3 : Explain the patterns of test performance that characterise neuropsychological disorders along with the importance of qualitative information and observed behaviours.
CLO4 : Explain how cultural context influences test performance, family function and rehabilitation goals.
CLO5 : Integrate evidence-based approaches to remediation and rehabilitation, and the role of other disciplines in patient care and rehabilitation.

Course Learning Outcomes	Assessment Item
CLO1 : Accurately identify major lobes of the brain, subcortical structures, connections, and blood supplies.	• Group presentation • Case report • Neuroanatomy quiz
CLO2 : Relate basic features and theoretical perspectives of major neuropsychological disorders and major neurological conditions.	• Weekly quizzes • Group presentation • Case report
CLO3 : Explain the patterns of test performance that characterise neuropsychological disorders along with the importance of qualitative information and observed behaviours.	• Weekly quizzes • Group presentation • Case report
CLO4 : Explain how cultural context influences test performance, family function and rehabilitation goals.	• Weekly quizzes • Group presentation • Case report
CLO5 : Integrate evidence-based approaches to remediation and rehabilitation, and the role of other disciplines in patient care and rehabilitation.	• Weekly quizzes • Group presentation • Case report

Learning and Teaching Technologies

Moodle - Learning Management System

Learning and Teaching in this course

This course is designed to equip Clinical Psychologists to safely interact with, assess and treat adults with acquired brain damage. As a result of the teaching and learning strategies outlined in this course, it is expected that students who have completed PSYC7210 will be confidently able

to undertake basic neuropsychological assessments and reports for real clients, under the supervision of a professional psychologist. They should also be able to interpret neuropsychological reports written by others, appreciate the importance and influence of cultural context on the manifestation and impact of neuropsychological impairment, devise therapy programs that take into account cognitive deficits and appreciate how a psychologist operates within a multidisciplinary team.

To meet the course objectives the course entails 2 weekly sessions of two hour lectures, including case discussions. The teaching strategies of PSYC7210 are designed to encourage you to think and act as professional interns. Material covering important theoretical and practical knowledge covered in lectures will be exemplified using actual case material from the lecturers' clinical work including test profiles and videoed material where available. Students will be provided with reference lists and "study questions" to help focus reading. Case discussions will provide class members the opportunity to practice integrating lecture-based information in order to "diagnose" neuropsychological disorders in hypothetical case studies. The oral group presentation is provided as an opportunity to think through a specific case study from neuroanatomy, neuropathology and neuropsychology through to issues of remediation.

While lectures will focus upon the basic elements of neuropsychology, the topic is a broad one and the study guide and reference lists provide the opportunity for in-depth study. It is expected that students will independently read on each topic discussed in class. In addition, students are encouraged to prepare for case studies and the "evidence-based" projects in small groups, in order to hone skills in test interpretation and critical consideration of treatment approaches. All the tests discussed are available in the Test Library and students are encouraged to familiarise themselves with these as they come up in class. This is a unique opportunity to develop this knowledge base, because few professional settings will offer as expansive a resource in tests as does the UNSW Test Library. Finally, the material presented in this course will be of direct relevance when conducting a cognitive assessment for clients referred in the Clinic. Lecture notes and references should be utilised heavily when taking on such clients.

Assessments

Assessment Structure

Assessment Item	Weight	Relevant Dates
Weekly quizzes Assessment Format: Individual	25%	Start Date: Not Applicable Due Date: 22/11/2024 05:00 PM
Group presentation Assessment Format: Group	25%	Start Date: 12/11/2024 10:00 AM Due Date: 12/11/2024 10:00 AM
Case report Assessment Format: Individual	25%	Start Date: 29/10/2024 10:00 AM Due Date: 22/11/2024 05:00 PM
Neuroanatomy quiz Assessment Format: Individual	25%	Start Date: 17/09/2024 09:00 AM Due Date: 04/10/2024 05:00 PM

Assessment Details

Weekly quizzes

Assessment Overview

Because Clinical Neuropsychology covers a large knowledge base, review of lecture material and associated readings will be assessed via short weekly quizzes that can be completed progressively when you choose but no later than the end of Week 11. All assessments use competency-based standards. You must receive satisfactory on all assessment items to pass the course. To be satisfactory, you need to have at least 80% correct for each quiz. Feedback on the quiz is provided immediately.

Course Learning Outcomes

- CLO2 : Relate basic features and theoretical perspectives of major neuropsychological disorders and major neurological conditions.
- CLO3 : Explain the patterns of test performance that characterise neuropsychological disorders along with the importance of qualitative information and observed behaviours.
- CLO4 : Explain how cultural context influences test performance, family function and rehabilitation goals.
- CLO5 : Integrate evidence-based approaches to remediation and rehabilitation, and the role of other disciplines in patient care and rehabilitation.

Detailed Assessment Description

See assessment overview.

Assessment Length

N/A

Submission notes

On-line

Assessment information

See assessment overview

Assignment submission Turnitin type

This is not a Turnitin assignment

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.

Group presentation

Assessment Overview

You will be asked to prepare and conduct a debate in which you and your team members argue the merits of particular approaches to neuropsychological rehabilitation. All assessments use competency-based standards. You must receive satisfactory on all assessment items to pass the course.

To be satisfactory, your group presentation must demonstrate excellent coverage of neuroanatomy, diagnosis, cultural considerations, interprofessional practice issues, and theoretical approach to remediation. The debate will occur in Week 10; feedback via a marked rubric and written comments will be provided within 10 working days.

Course Learning Outcomes

- CLO1 : Accurately identify major lobes of the brain, subcortical structures, connections, and blood supplies.
- CLO2 : Relate basic features and theoretical perspectives of major neuropsychological disorders and major neurological conditions.
- CLO3 : Explain the patterns of test performance that characterise neuropsychological disorders along with the importance of qualitative information and observed behaviours.
- CLO4 : Explain how cultural context influences test performance, family function and rehabilitation goals.
- CLO5 : Integrate evidence-based approaches to remediation and rehabilitation, and the role of other disciplines in patient care and rehabilitation.

Detailed Assessment Description

See assessment overview

Assessment Length

Non standard

Submission notes

Oral presentation

Assessment information

Additional infiormation regarding the presentation will be provided several weeks before the presentations. In order to pass, the group will need to demonstrate excellent coverage of neuroanatomy, diagnosis, cultural considerations, interprofessional practice issues, theoretical approach to remediation.

Assignment submission Turnitin type

This is not a Turnitin assignment

Generative AI Permission Level

Planning/Design Assistance

You are permitted to use generative AI tools, software or services to generate initial ideas, structures, or outlines. However, you must develop or edit those ideas to such a significant extent that what is submitted is your own work, i.e., what is generated by the tool, software or service should not be a part of your final submission. You should keep copies of your iterations to show your Course Authority if there is any uncertainty about the originality of your work.
If your Convenor has concerns that your answer contains passages of AI-generated text or media that have not been sufficiently modified you may be asked to explain your work, but we recognise that you are permitted to use AI generated text and media as a starting point and some traces may remain. 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.

Case report

Assessment Overview

You will be asked to prepare a case report for the assessment of a client presenting with a particular kind of disorder. All assessments use competency-based standards. You must receive

satisfactory on all assessment items to pass the course.

To be satisfactory the case report (maximum 2,000 words, excluding references) must accurately describe the clinical, neuroanatomical and neurological features of the disorder experienced by the client, as well as justify test selection and other assessment procedures, and consider cultural, contextual, diagnostic and inter-professional issues as well as management implications. The case report is is due at the end of Week 11. Feedback via a marked rubric and written comments will be provided within 10 working days.

Course Learning Outcomes

- CLO1 : Accurately identify major lobes of the brain, subcortical structures, connections, and blood supplies.
- CLO2 : Relate basic features and theoretical perspectives of major neuropsychological disorders and major neurological conditions.
- CLO3 : Explain the patterns of test performance that characterise neuropsychological disorders along with the importance of qualitative information and observed behaviours.
- CLO4 : Explain how cultural context influences test performance, family function and rehabilitation goals.
- CLO5 : Integrate evidence-based approaches to remediation and rehabilitation, and the role of other disciplines in patient care and rehabilitation.

Detailed Assessment Description

See assessment overview. In order to pass your case report should demonstrate excellent coverage of neuroanatomy, neurology, test selection, cultural considerations, diagnostic issues, patient management implications.

Assessment Length

2,000 words

Submission notes

A word document should be emailled to Skye McDonald

Assessment information

Further information about this assignment will be provided in Week 8

Assignment submission Turnitin type

This is not a Turnitin assignment

Generative AI Permission Level

Planning/Design Assistance

You are permitted to use generative AI tools, software or services to generate initial ideas,

structures, or outlines. However, you must develop or edit those ideas to such a significant extent that what is submitted is your own work, i.e., what is generated by the tool, software or service should not be a part of your final submission. You should keep copies of your iterations to show your Course Authority if there is any uncertainty about the originality of your work.
If your Convenor has concerns that your answer contains passages of AI-generated text or media that have not been sufficiently modified you may be asked to explain your work, but we recognise that you are permitted to use AI generated text and media as a starting point and some traces may remain. 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.

Neuroanatomy quiz

Assessment Overview

Neuroanatomy will be assessed via a quiz in Week 3 and must be completed within 2 weeks. All assessments use competency-based standards. You must receive satisfactory on all assessment items to pass the course. To be satisfactory, you need to have at least 80% correct. Feedback on the quiz is provided immediately.

Course Learning Outcomes

- CLO1 : Accurately identify major lobes of the brain, subcortical structures, connections, and blood supplies.

Detailed Assessment Description

See assessment overview

Assessment Length

N/A

Submission notes

On-line quiz

Assessment information

See assessment overview

Assignment submission Turnitin type

This is not a Turnitin assignment

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.

General Assessment Information

Attendance and participation in all aspects of the lectures and workshops on Monday and Tuesday 10-12pm each week is compulsory to ensure students are consistently working towards achieving the foundational graduate competencies required by the APAC Accreditation Standards. These Accreditation Standards are incorporated in Program and Course Learning Outcomes. All news updates and announcements will be made on the 'Announcements' forum on the Moodle page and/or by email. It is the student's responsibility to check Moodle and their student emails regularly to keep up to date.

All assessments in this course have been designed and implemented in accordance with UNSW Assessment Policy and will be assessed as Pass/Fail. Further details and marking criteria for each assessment will be provided to students closer to the assessment release date.

Grading Basis

Satisfactory

Requirements to pass course

In order to pass this course you must attend all lectures (or negotiate an alternative with Skye McDonald) and pass all assessment tasks.

Course Schedule

Teaching Week/Module	Activity Type	Content
Week 1 : 9 September - 15 September	Lecture	Monday: Introduction to Neuropsychology Tuesday: Case examples + Neuroanatomy
Week 2 : 16 September - 22 September	Lecture	Monday: Neuroanatomy 2 Tuesday: Agnosias
Week 3 : 23 September - 29 September	Lecture	Monday: Apraxias + Aphasias Tuesday: Aphasias 2
Week 4 : 30 September - 6 October	Lecture	Monday: Executive disorders Tuesday: Disorders of social cognition and behaviour
Week 5 : 7 October - 13 October	Lecture	Monday: PUBLIC HOLIDAY Tuesday: Disorders of Memory
Week 6 : 14 October - 20 October	Lecture	Monday: Testing for Neuropsychological Disorders Tuesday: Clinical neuroimaging + focal disorders
Week 7 : 21 October - 27 October	Lecture	Monday: Dementia Tuesday Dementia 2 + Case discussion (cases 1-3)
Week 8 : 28 October - 3 November	Lecture	Monday: Stroke/ Multiple Sclerosis/ Alcohol related brain damage Tuesday: Traumatic Brain Injury
Week 9 : 4 November - 10 November	Lecture	Monday: Cases 4-6/ Global perspectives Tuesday: Remediation
Week 10 : 11 November - 17 November	Lecture	Monday: Rehabilitation + Case discussion (cases 7-8) Tuesday: Group presentations

Attendance Requirements

Please note that lecture recordings are not available for this course. Students are strongly encouraged to attend all classes and contact the Course Authority to make alternative arrangements for classes missed.

General Schedule Information

There are two x two hour lectures in Mathews Room 1616: 10am-12pm each week on Monday and Tuesday respectively. You are expected to attend these lectures in person. If you are unwell, you will need to contact Skye McDonald to discuss alternatives to class attendance.

Course Resources

Prescribed Resources

There is no single book that adequately covers Clinical Neuropsychology as taught in this program. Each week, references to books, chapters and papers that provide excellent overviews will be provided.

For your reference the following textbooks provide overviews of the knowledge base of clinical neuropsychology and topics that will be covered:

Recommended Resources

Kolb , B. & Wishaw, I (2021) *Fundamentals of Human Neuropsychology* [8th Edition|

Schoenberg, M.R. & Scott, J. G. (2011) The Little Black Book of Neuropsychology: A Syndrome-Based Approach

Goldstein, L.H. and McNeil J.E. (2004) *Clinical Neuropsychology: A Practical guide to assessment and management for clinicians.* Chichester: John Wiley & Sons.

Andrewes D. (2001) *Neuropsychology: from Theory to Practice.* Hove: Psychology Press.

David, A., Fleminger, S., Kopelman, M., Lovestone, S., Mellers. J., Lishamn's Organic Psychiatry: *A textbook of neuropsychiatry* (4th Ed) Wiley

Sherman, E.M.S., Tan, J.E. & Hrabok, M. (2022) *A Compendium of Neuropsychological Tests: Fundamentals of Neuropsychological Assessment and Test Reviews for Clinical Practice*. (4th ed.) OUP

Lezak, M.D. Howieson, D.B. & Bigler, E. & Tranel, D. (2012) *Neuropsychological Assessment*. [5th Edition], Oxford University Press, New York.

Mitrushina, M, Boone, K.B., D'Elia, L.F. (2005) *Handbook of Normative data for Neuropsychological Assessment* (2nd Edition). New York: Oxford University Press.

Wilson, B.A., Winegardner, J., van Heugten, C.A., Ownsworth, T. (2017) *Neuropsychological rehabilitation: The international handbook*. Routledge

Additional Costs

N/A

Course Evaluation and Development

Students will be offered the opportunity to provide feedback on this course via Myexperience

Staff Details

Position	Name	Email	Location	Phone	Availability	Equitable Learning Services Contact	Primary Contact
Convenor	Skye McDonald		1011	via Teams	On request	No	Yes
Lecturer	Amanda Olley		Mathews Level 8	via Teams	On request	No	No
	Kylie Radford		NeuRA	N/A	On request	No	No
	Claire O'Callaghan		Mind and Brain University of Sydney	N/A	On request	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 Plagarism

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