UNSW Course Outline

PSYC7242 Clinical Neuropsychology 3: Interventions - 2024

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General Course Information

Course Code : PSYC7242
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 builds on Neuropsychology 1 & 2 (PSYC7240 and PSYC7241) by focusing on

interventions for children, adults and older adults who have neuropsychological disorders. The course is based around workshops that address major tenets in neuropsychological interventions, (1) clinical psychological approaches in people with neuropsychological disorders (2) cognitive remediation of neuropsychological disorders (3) behaviour management and carer support. Throughout this course, the scientist practitioner model is emphasised, specifically trainees will be trained to understand the importance of evidence-based practice, procedures in how to evaluate evidence and how and when to use practice guidelines (information that is additionally covered in NPEP 1). As a result of the teaching and learning strategies outlined in this course, it is expected that students who have completed PSYC7242 will be confidently able to research, evaluate and select appropriate interventions to address neuropsychological disorders from childhood through to adulthood, to adapt these to take into account the cultural, familial and community context and appreciate how a neuropsychologist operates within a multidisciplinary team.

Specifically, trainees will learn to consider how cognitive behavioural and counselling approaches they are already familiar with can be adapted to facilitate functioning in people with neuropsychological disorders. They will also be introduced to how cognitive rehabilitation based on brain plasticity has been applied to a range of neuropsychological disorders (e.g. social cognition, spatial neglect, self-awareness). In addition, they will learn about behavioural approaches to improving interpersonal function and strategies for carer support. They will also appreciate how these approaches can be combined for maximum effect.

The course combines day workshops with asynchronous lectures and tutorials. The content is designed to focus on specific cases using problem-based learning approaches. Thus, for example, when discussing a case of an adult with traumatic brain injury, the common neuropsychological and behavioural difficulties will be discussed and strategies for intervention canvassed and compared in the context of cultural considerations and the role of other relevant professionals. Students will be expected to take an active role in preparing for, presenting and discussing cases. Many treatment manuals 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 intervention manuals as does the UNSW Test Library. Finally, the material presented in this course will be of direct relevance when conducting neuropsychological assessments and implementing interventions on placement. Lecture notes and references should be utilised heavily when taking on such clients.

Course Aims

This course aims to provide clinical neuropsychology trainees with knowledge concerning approaches to interventions in children and adults with neuropsychological disorders. It aims to provide trainees with knowledge concerning the latest intervention evidence and available resources for interventions that are suitable across the lifespan. Additionally, it aims to equip trainees with the ability to understand how to contextualise interventions to ensure they are appropriate, acceptable, and meaningful for the individual as well as their family and their broader community where relevant.

The emphasis of this course is to train clinical neuropsychologists 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.

Course Learning Outcomes

Course Learning Outcomes
CLO1 : Apply advanced psychological and neuropsychological knowledge of cognition, behaviour and emotion to select, tailor and implement evidence-based interventions according to individual needs and underlying neuropathology.
CLO2 : Demonstrate awareness, sensitivity and flexibility with respect to cultural influences on performance, and individual and family expectations.
CLO3 : Demonstrate understanding of the neuropsychologist's role within the broader treatment context with regard to consultation, training, support, referral and collaboration with other health professionals.
CLO4 : Apply psychological and neuropsychological theory in case conceptualisation and selection of evidence-based intervention.
CLO5 : Select some common neuropsychological interventions appropriate for children through to adults, including rehabilitation, behaviour management, monitoring and remediation.
CLO6 : Critically evaluate neuropsychological theories concerning cognitive, affective and social function, the evidence bases for interventions and suitability across the lifespan.

Course Learning Outcomes	Assessment Item
CLO1 : Apply advanced psychological and neuropsychological knowledge of cognition, behaviour and emotion to select, tailor and implement evidence-based interventions according to individual needs and underlying neuropathology.	• Intervention plan
CLO2 : Demonstrate awareness, sensitivity and flexibility with respect to cultural influences on performance, and individual and family expectations.	• Attendance and contributions to workshops and tutorials. • Weekly Quizzes • Intervention plan
CLO3 : Demonstrate understanding of the neuropsychologist's role within the broader treatment context with regard to consultation, training, support, referral and collaboration with other health professionals.	• Attendance and contributions to workshops and tutorials. • Weekly Quizzes • Intervention plan
CLO4 : Apply psychological and neuropsychological theory in case conceptualisation and selection of evidence-based intervention.	• Attendance and contributions to workshops and tutorials. • Intervention plan
CLO5 : Select some common neuropsychological interventions appropriate for children through to adults, including rehabilitation, behaviour management, monitoring and remediation.	• Attendance and contributions to workshops and tutorials. • Intervention plan
CLO6 : Critically evaluate neuropsychological theories concerning cognitive, affective and social function, the evidence bases for interventions and suitability across the lifespan.	• Weekly Quizzes • Attendance and contributions to workshops and tutorials. • Intervention plan

Learning and Teaching Technologies

Moodle - Learning Management System

Assessments

Assessment Structure

Assessment Item	Weight	Relevant Dates
Attendance and contributions to workshops and tutorials. Assessment Format: Individual	30%	Due Date: 7 days after each workshop
Intervention plan Assessment Format: Individual	40%	Due Date: Week 12: 25 November - 01 December
Weekly Quizzes Assessment Format: Individual	30%	Due Date: Week 11: 18 November - 24 November

Assessment Details

Attendance and contributions to workshops and tutorials.

Assessment Overview

You will be required to attend workshops and tutorials and to participate actively in these. You must receive satisfactory on all assessment items to pass the course. For satisfactory workshop participation you must attend >80% of all workshops, submit workshop reflections (maximum 1000 words apiece) summarising workshop content, and complete follow-up learning activities associated with workshop material. You must also contribute to class discussions. This may be through genuine inquiry and curiosity in posing questions, or sharing experiences relating to clinical practice. For satisfactory tutorial participation you must attend >80 % of tutorials, and demonstrate preparation, including prior research, presentation and discussion of cases and engagement with the material. Feedback for both will be provided via a marked rubric and written comments within 10 working days.

Course Learning Outcomes

- CLO2 : Demonstrate awareness, sensitivity and flexibility with respect to cultural influences on performance, and individual and family expectations.
- CLO3 : Demonstrate understanding of the neuropsychologist's role within the broader treatment context with regard to consultation, training, support, referral and collaboration with other health professionals.
- CLO4 : Apply psychological and neuropsychological theory in case conceptualisation and selection of evidence-based intervention.
- CLO5 : Select some common neuropsychological interventions appropriate for children through to adults, including rehabilitation, behaviour management, monitoring and remediation.
- CLO6 : Critically evaluate neuropsychological theories concerning cognitive, affective and social function, the evidence bases for interventions and suitability across the lifespan.

Assessment Length

max 1000 words per reflection

Assignment submission Turnitin type

Not Applicable

Hurdle rules

Hurdle: Students must obtain satisfactory grades on all assessments to pass the course

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.

Intervention plan

Assessment Overview

At the end of term you will be required to submit an intervention plan. You must receive satisfactory on all assessment items to pass the course. To be satisfactory the intervention plan (maximum 3,000 words, excluding references) must accurately describe the clinical and psychosocial context for the intervention, assessment results, justification for intervention approach, including literature and clinical observations, and consider cultural, contextual, diagnostic and inter-professional issues. Feedback via a marked rubric and written comments will be provided within 10 working days.

Course Learning Outcomes

- CLO1 : Apply advanced psychological and neuropsychological knowledge of cognition, behaviour and emotion to select, tailor and implement evidence-based interventions according to individual needs and underlying neuropathology.
- CLO2 : Demonstrate awareness, sensitivity and flexibility with respect to cultural influences on performance, and individual and family expectations.
- CLO3 : Demonstrate understanding of the neuropsychologist's role within the broader treatment context with regard to consultation, training, support, referral and collaboration with other health professionals.
- CLO4 : Apply psychological and neuropsychological theory in case conceptualisation and selection of evidence-based intervention.
- CLO5 : Select some common neuropsychological interventions appropriate for children through to adults, including rehabilitation, behaviour management, monitoring and remediation.
- CLO6 : Critically evaluate neuropsychological theories concerning cognitive, affective and social function, the evidence bases for interventions and suitability across the lifespan.

Assessment Length

max 3000 words

Assignment submission Turnitin type

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

Hurdle rules

Hurdle: Students must obtain a satisfactory grade on all assessments to pass the course

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.

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. 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 : Demonstrate awareness, sensitivity and flexibility with respect to cultural influences on performance, and individual and family expectations.
- CLO3 : Demonstrate understanding of the neuropsychologist's role within the broader treatment context with regard to consultation, training, support, referral and collaboration with other health professionals.
- CLO6 : Critically evaluate neuropsychological theories concerning cognitive, affective and social function, the evidence bases for interventions and suitability across the lifespan.

Assignment submission Turnitin type

Not Applicable

Hurdle rules

Hurdle: Students must obtain satisfactory grades on all assessments to pass the course

Generative AI Permission Level

No Assistance

This assessment is designed for you to complete without the use of any generative AI. You are not permitted to use any generative AI tools, software or service to search for or generate information or answers.
For more information on Generative AI and permitted use please see here.

General Assessment Information

Grading Basis

Satisfactory

Requirements to pass course

All assessments require a satisfactory grade in order to pass the course

Course Schedule

Teaching Week/Module	Activity Type	Content
Week 1 : 9 September - 15 September	Lecture	Asynchronous: Telerehabilitation
	Tutorial	11 Sept 10-12 Adapting DBT for clients with cognitive impairment
Week 2 : 16 September - 22 September	Workshop	18th Sept 9-4pm Psychological Adjustment after ABI
	Lecture	Asynchronous: Metacognition and Self-Awareness
Week 3 : 23 September - 29 September	Other	self-directed study and assessment preparation
Week 4 : 30 September - 6 October	Lecture	Asynchronous: Errorless Learning
	Workshop	2nd October 9-4pm Cognitive Rehabilitation
Week 5 : 7 October - 13 October	Other	self-directed study and assessment preparation
Week 6 : 14 October - 20 October	Lecture	Asynchronous: Goal Attainment Scaling and Other Cognitive Remediation Strategies
	Tutorial	16th October 10-12pm First Impressions and Reading a Smile
Week 7 : 21 October - 27 October	Workshop	23rd October 9-4pm Improving Participation after ABI and Carer Support programs
Week 8 : 28 October - 3 November	Other	self-directed study and assessment preparation
Week 9 : 4 November - 10 November	Tutorial	6th Nov 10-12 Case Formulation
Week 10 : 11 November - 17 November	Other	self-directed study and assessment preparation

Attendance Requirements

For satisfactory workshop participation you must attend >80% of all workshops, submit workshop reflections (maximum 1,000 words apiece) summarising workshop content, and complete follow-up learning activities associated with workshop material.

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.

Recommended Resources

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

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

Course Evaluation and Development

MyExperience Surveys

All students are invited to an open discussion of the course structure and content at the conclusion of the course.

Staff Details

Position	Name	Email	Location	Phone	Availability	Equitable Learning Services Contact	Primary Contact
	Skye McDonald					No	Yes
	Amanda Olley					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