PSYN8808

Developmental Neuropsychology

Session 1, In person-scheduled-weekday, North Ryde 2022

School of Psychological Sciences

Contents

General Information

Unit convenor and teaching staff Melanie Porter melanie.porter@mq.edu.au
Credit points 10
Prerequisites Admission to MClinNeuro or MClinPsych
Corequisites
Co-badged status
Unit description This unit offers an introduction to developmental issues in clinical neuropsychology. There will be a focus on developmental changes in brain structure as well as the development of the major functional systems such as language, memory and executive skills. A range of common developmental and acquired conditions of childhood will be covered and their associated neuropsychological features will be discussed in detail, with an emphasis on the consequences for clinical assessment and management. Clinical case presentations and examples will be used extensively throughout the course.

Important Academic Dates

Information about important academic dates including deadlines for withdrawing from units are available at https://www.mq.edu.au/study/calendar-of-dates

Learning Outcomes

On successful completion of this unit, you will be able to:

ULO1: Demonstrate In-depth knowledge of pre-natal and post-natal brain development that can be applied clinically.

ULO2: Understand in-depth how cognition develops over time and the clinical applications of these changes.

ULO3: Apply appropriate tools to assist with gaining rapport and managing difficult children to comprehensively and validly assess a child.

ULO4: Demonstrate an in-depth understanding of a wide range of developmental and acquired brain disorders that can be applied clinically.

Assessment Tasks

Name	Weighting	Hurdle	Due
Essay of up to 1250 words.	20%	No	15 March 2022
Essay of up to 1250 words.	20%	No	26 April 2022
Closed book 90 minute examination	20%	No	23 March 2022
Closed book 90 minute examination	20%	No	3 May 2022
Closed book 90 minute examination	20%	No	31 May 2022
Case conference class participation	0%	Yes	TBA

Essay of up to 1250 words.

Assessment Type [1]: Essay
Indicative Time on Task [2]: 10 hours
Due: **15 March 2022**
Weighting: **20%**

Students are able to select one of three topics to write an essay of 1250 words.

On successful completion you will be able to:

- Demonstrate In-depth knowledge of pre-natal and post-natal brain development that can be applied clinically.
- Understand in-depth how cognition develops over time and the clinical applications of these changes.
- Apply appropriate tools to assist with gaining rapport and managing difficult children to comprehensively and validly assess a child.
- Demonstrate an in-depth understanding of a wide range of developmental and acquired brain disorders that can be applied clinically.

Essay of up to 1250 words.

Assessment Type [1]: Essay
Indicative Time on Task [2]: 10 hours
Due: **26 April 2022**
Weighting: **20%**

Students are able to select one of three topics to write an essay of 1250 words.

On successful completion you will be able to:
- Demonstrate In-depth knowledge of pre-natal and post-natal brain development that can be applied clinically.
- Understand in-depth how cognition develops over time and the clinical applications of these changes.
- Apply appropriate tools to assist with gaining rapport and managing difficult children to comprehensively and validly assess a child.
- Demonstrate an in-depth understanding of a wide range of developmental and acquired brain disorders that can be applied clinically.

Closed book 90 minute examination

Assessment Type [1]: Examination
Indicative Time on Task [2]: 16 hours
Due: **23 March 2022**
Weighting: **20%**

Closed book - short answers and multiple choice questions covering lecture topics

On successful completion you will be able to:
- Demonstrate In-depth knowledge of pre-natal and post-natal brain development that can be applied clinically.
- Understand in-depth how cognition develops over time and the clinical applications of these changes.
- Apply appropriate tools to assist with gaining rapport and managing difficult children to comprehensively and validly assess a child.
- Demonstrate an in-depth understanding of a wide range of developmental and acquired brain disorders that can be applied clinically.

Closed book 90 minute examination

Assessment Type [1]: Examination
Indicative Time on Task [2]: 16 hours
Due: **3 May 2022**

Weighting: **20%**

Closed book - short answers and multiple choice questions covering lecture topics

On successful completion you will be able to:
- Demonstrate In-depth knowledge of pre-natal and post-natal brain development that can be applied clinically.
- Understand in-depth how cognition develops over time and the clinical applications of these changes.
- Apply appropriate tools to assist with gaining rapport and managing difficult children to comprehensively and validly assess a child.
- Demonstrate an in-depth understanding of a wide range of developmental and acquired brain disorders that can be applied clinically.

Closed book 90 minute examination

Assessment Type [1]: Examination
Indicative Time on Task [2]: 16 hours
Due: **31 May 2022**
Weighting: **20%**

Closed book - short answers and multiple choice questions covering lecture topics

On successful completion you will be able to:
- Demonstrate In-depth knowledge of pre-natal and post-natal brain development that can be applied clinically.
- Understand in-depth how cognition develops over time and the clinical applications of these changes.
- Apply appropriate tools to assist with gaining rapport and managing difficult children to comprehensively and validly assess a child.
- Demonstrate an in-depth understanding of a wide range of developmental and acquired brain disorders that can be applied clinically.

Case conference class participation

Assessment Type [1]: Participatory task

Indicative Time on Task [2]: 4 hours
Due: **TBA**
Weighting: **0%**
This is a hurdle assessment task (see assessment policy for more information on hurdle assessment tasks)

Case conference class participation

On successful completion you will be able to:

- Demonstrate In-depth knowledge of pre-natal and post-natal brain development that can be applied clinically.
- Understand in-depth how cognition develops over time and the clinical applications of these changes.
- Apply appropriate tools to assist with gaining rapport and managing difficult children to comprehensively and validly assess a child.
- Demonstrate an in-depth understanding of a wide range of developmental and acquired brain disorders that can be applied clinically.

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[1] If you need help with your assignment, please contact:

- the academic teaching staff in your unit for guidance in understanding or completing this type of assessment
- the Writing Centre for academic skills support.

[2] Indicative time-on-task is an estimate of the time required for completion of the assessment task and is subject to individual variation

Delivery and Resources

Prescribed Unit Materials:

- Lecture references
- Handouts provided during lectures

Recommended Texts:

- **Anderson, V., Northam, E., & Wrennall, J. (2018).** *Developmental Neuropsychology: A Clinical Approach (2nd Ed.).* **Hove, UK: Psychology Press.***
- Yeates, K.O., Ris, M.D., Taylor, H.G., & Pennington, B.F. (2010). *Paediatric*

Neuropsychology: Research, Theory and Practice. NY: The Guilford Press.

Policies and Procedures

Macquarie University policies and procedures are accessible from Policy Central (https://policies.mq.edu.au). Students should be aware of the following policies in particular with regard to Learning and Teaching:

- Academic Appeals Policy
- Academic Integrity Policy
- Academic Progression Policy
- Assessment Policy
- Fitness to Practice Procedure
- Assessment Procedure
- Complaints Resolution Procedure for Students and Members of the Public
- Special Consideration Policy

Students seeking more policy resources can visit Student Policies (https://students.mq.edu.au/support/study/policies). It is your one-stop-shop for the key policies you need to know about throughout your undergraduate student journey.

To find other policies relating to Teaching and Learning, visit Policy Central (https://policies.mq.edu.au) and use the search tool.

Student Code of Conduct

Macquarie University students have a responsibility to be familiar with the Student Code of Conduct: https://students.mq.edu.au/admin/other-resources/student-conduct

Results

Results published on platform other than eStudent, (eg. iLearn, Coursera etc.) or released directly by your Unit Convenor, are not confirmed as they are subject to final approval by the University. Once approved, final results will be sent to your student email address and will be made available in eStudent. For more information visit ask.mq.edu.au or if you are a Global MBA student contact globalmba.support@mq.edu.au

Academic Integrity

At Macquarie, we believe academic integrity – honesty, respect, trust, responsibility, fairness and courage – is at the core of learning, teaching and research. We recognise that meeting the expectations required to complete your assessments can be challenging. So, we offer you a range of resources and services to help you reach your potential, including free online writing and maths support, academic skills development and wellbeing consultations.

Student Support

Macquarie University provides a range of support services for students. For details, visit http://stu

dents.mq.edu.au/support/

The Writing Centre

The Writing Centre provides resources to develop your English language proficiency, academic writing, and communication skills.

- Workshops
- Chat with a WriteWISE peer writing leader
- Access StudyWISE
- Upload an assignment to Studiosity
- Complete the Academic Integrity Module

The Library provides online and face to face support to help you find and use relevant information resources.

- Subject and Research Guides
- Ask a Librarian

Student Services and Support

Macquarie University offers a range of Student Support Services including:

- IT Support
- Accessibility and disability support with study
- Mental health support
- Safety support to respond to bullying, harassment, sexual harassment and sexual assault
- Social support including information about finances, tenancy and legal issues

Student Enquiries

Got a question? Ask us via AskMQ, or contact Service Connect.

IT Help

For help with University computer systems and technology, visit http://www.mq.edu.au/about_us/offices_and_units/information_technology/help/.

When using the University's IT, you must adhere to the Acceptable Use of IT Resources Policy. The policy applies to all who connect to the MQ network including students.

Unit information based on version 2022.02 of the Handbook