



# PSYN8853

## Advanced Evidence-Based Neuropsychological Assessment

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

*School of Psychological Sciences*

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#### **Disclaimer**

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## General Information

Unit convenor and teaching staff

Jennifer Batchelor

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Credit points

10

Prerequisites

Admission to MClInNeuro

Corequisites

Co-badged status

Unit description

This unit provides an introduction to an evidence-based approach to neuropsychological assessment and familiarises students with the Wechsler scales that are commonly used in advanced neuropsychological practice. Detailed theoretical and clinical information is provided, as well as training in the administration and scoring of selected instruments. Tests covered include those typically employed to assess intellectual function and memory, and both adult and child assessment techniques are addressed. Students are introduced to the Advanced Clinical Solutions that include tests of premorbid function, performance validity, reliable change and demographic adjustment that advance the use and interpretation of clinical assessment. To support the first supervised clinical placement, a structure for clinical interviewing and history taking is introduced; counselling and assessment skills are presented to use to support distressed and to assess suicidal clients.

## 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:** Administer, score, and interpret results on a variety of neuropsychological tests, taking into account base rates in clinical interpretation.

**ULO2:** Apply an evidence-based framework for judging the quality of psychometric measures, and demonstrate understanding of flexible hypothesis testing in neuropsychological assessment.

**ULO3:** Demonstrate skills in suicide and risk assessment, and responsibility in ethical practice.

## Assessment Tasks

Name	Weighting	Hurdle	Due
<a href="#"><u>WISC-V Pass out Examination</u></a>	0%	Yes	Week 13
<a href="#"><u>Report using ACS Software</u></a>	30%	Yes	Week 13
<a href="#"><u>WAIS-IV Take home scoring Exam</u></a>	15%	Yes	Week 13
<a href="#"><u>WMS-IV Take home scoring Exam Part 1</u></a>	15%	Yes	Week 13
<a href="#"><u>WMS-IV Pass out Examination</u></a>	0%	Yes	Week 13
<a href="#"><u>Ethics Assignment</u></a>	15%	Yes	Week 13
<a href="#"><u>WAIS-IV Pass out Examination</u></a>	0%	Yes	Week 13
<a href="#"><u>Suicide and Risk Assessment Quiz</u></a>	10%	Yes	Week 13
<a href="#"><u>WMS-IV Take home scoring Exam Part 2</u></a>	15%	Yes	Week 13

### WISC-V Pass out Examination

Assessment Type <sup>1</sup>: Clinical performance evaluation

Indicative Time on Task <sup>2</sup>: 12 hours

Due: **Week 13**

Weighting: **0%**

**This is a hurdle assessment task (see [assessment policy](#) for more information on hurdle assessment tasks)**

The pass-out examination involves the student administering the WISC-V to an examiner who will assess their competency in test administration

On successful completion you will be able to:

- Administer, score, and interpret results on a variety of neuropsychological tests, taking into account base rates in clinical interpretation.

### Report using ACS Software

Assessment Type <sup>1</sup>: Report

Indicative Time on Task <sup>2</sup>: 5 hours

Due: **Week 13**

Weighting: **30%**

**This is a hurdle assessment task (see [assessment policy](#) for more information on hurdle assessment tasks)**

Students will generate four reports using the Advanced Clinical Solutions (ACS) software.

On successful completion you will be able to:

- Administer, score, and interpret results on a variety of neuropsychological tests, taking into account base rates in clinical interpretation.
- Apply an evidence-based framework for judging the quality of psychometric measures, and demonstrate understanding of flexible hypothesis testing in neuropsychological assessment.

## WAIS-IV Take home scoring Exam

Assessment Type <sup>1</sup>: Clinical performance evaluation

Indicative Time on Task <sup>2</sup>: 5 hours

Due: **Week 13**

Weighting: **15%**

**This is a hurdle assessment task (see [assessment policy](#) for more information on hurdle assessment tasks)**

This is a take home scoring exercise based on the WAIS-IV

On successful completion you will be able to:

- Administer, score, and interpret results on a variety of neuropsychological tests, taking into account base rates in clinical interpretation.

## WMS-IV Take home scoring Exam Part 1

Assessment Type <sup>1</sup>: Clinical performance evaluation

Indicative Time on Task <sup>2</sup>: 5 hours

Due: **Week 13**

Weighting: **15%**

**This is a hurdle assessment task (see [assessment policy](#) for more information on hurdle assessment tasks)**

This is a take home scoring exercise based on the WMS-IV

On successful completion you will be able to:

- Administer, score, and interpret results on a variety of neuropsychological tests, taking into account base rates in clinical interpretation.

## WMS-IV Pass out Examination

Assessment Type <sup>1</sup>: Clinical performance evaluation

Indicative Time on Task <sup>2</sup>: 10 hours

Due: **Week 13**

Weighting: **0%**

**This is a hurdle assessment task (see [assessment policy](#) for more information on hurdle assessment tasks)**

The pass-out examination involves the student administering the WMS-IV to an examiner who will assess their competency in test administration

On successful completion you will be able to:

- Administer, score, and interpret results on a variety of neuropsychological tests, taking into account base rates in clinical interpretation.

## Ethics Assignment

Assessment Type <sup>1</sup>: Essay

Indicative Time on Task <sup>2</sup>: 12 hours

Due: **Week 13**

Weighting: **15%**

**This is a hurdle assessment task (see [assessment policy](#) for more information on hurdle assessment tasks)**

This is a 1000-word written assignment based on the Ethics Workshop

On successful completion you will be able to:

- Demonstrate skills in suicide and risk assessment, and responsibility in ethical practice.

## WAIS-IV Pass out Examination

Assessment Type <sup>1</sup>: Clinical performance evaluation

Indicative Time on Task <sup>2</sup>: 12 hours

Due: **Week 13**

Weighting: **0%**

**This is a hurdle assessment task (see [assessment policy](#) for more information on hurdle assessment tasks)**

The pass-out examination involves the student administering the WAIS-IV to an examiner who will assess their competency in test administration.

On successful completion you will be able to:

- Administer, score, and interpret results on a variety of neuropsychological tests, taking into account base rates in clinical interpretation.

## Suicide and Risk Assessment Quiz

Assessment Type <sup>1</sup>: Quiz/Test

Indicative Time on Task <sup>2</sup>: 5 hours

Due: **Week 13**

Weighting: **10%**

**This is a hurdle assessment task (see [assessment policy](#) for more information on hurdle assessment tasks)**

Students will complete 6- 7 short answer and 3- 4 multiple choice questions online. No time limit to complete. Test is open for 1 week.

On successful completion you will be able to:

- Demonstrate skills in suicide and risk assessment, and responsibility in ethical practice.

## WMS-IV Take home scoring Exam Part 2

Assessment Type <sup>1</sup>: Clinical performance evaluation

Indicative Time on Task <sup>2</sup>: 5 hours

Due: **Week 13**

Weighting: **15%**

**This is a hurdle assessment task (see [assessment policy](#) for more information on hurdle assessment tasks)**

This is a take home scoring exercise based on the WMS-IV

On successful completion you will be able to:

- Administer, score, and interpret results on a variety of neuropsychological tests, taking into account base rates in clinical interpretation.

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<sup>1</sup> 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.

<sup>2</sup> 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

Lectures and workshops

## Policies and Procedures

Macquarie University policies and procedures are accessible from [Policy Central \(https://policies.mq.edu.au\)](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 \(https://students.mq.edu.au/support/study/policies\)](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 \(https://policies.mq.edu.au\)](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](http://ask.mq.edu.au) or if you are a Global MBA student contact [globalmba.support@mq.edu.au](mailto: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://students.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/](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.