



MHHS8007

Advanced Research Practice

Session 2, In person-scheduled-weekday, North Ryde 2026

Medicine, Health and Human Sciences Faculty level units

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General Information

Unit convenor and teaching staff

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Credit points

10

Prerequisites

Corequisites

Co-badged status

Unit description

This unit focuses on the development of a comprehensive research proposal using advanced knowledge, theories and methods required to conduct research in your discipline. Learning activities will include an opportunity to participate in research activities such as assisting in the acquisition, analysis and interpretation of data, participation in research group meetings and journal clubs, and practical experience in research communication. The immersive learning environment of the research activities will provide you with access to discipline-specific expertise, and you will be able to demonstrate the application of the theoretical knowledge obtained in your other learning activities. Through this unit you will further develop skills as a researcher and research communicator.

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: Critically evaluate an advanced body of knowledge in your discipline.

ULO2: Communicate relevant research concepts and ideas to specialist and non-specialist audiences.

ULO3: Apply ethics and integrity frameworks required to conduct responsible, ethical and reflective research in your discipline.

ULO4: Develop a research proposal using advanced knowledge, theories and methods required to conduct research in your discipline.

ULO5: Demonstrate well-developed judgement, adaptability and accountability in your professional practice as a researcher.

General Assessment Information

Grade descriptors and other information concerning grading are contained in the [Macquarie University Assessment Policy](#).

All final grades are determined by a grading committee, in accordance with the Macquarie University Assessment Policy, and are not the sole responsibility of the Unit Convenor.

Students will be awarded a final grade and a mark which must correspond to the grade descriptors specified in the [Assessment Procedure](#) (clause 128 and 129).

To pass this unit, you must demonstrate sufficient evidence of achievement of the learning outcomes, meet any ungraded requirements, and achieve a final mark of 50 or better.

Further details for each assessment task will be available on iLearn.

Late Submissions

Unless a Special Consideration request has been submitted and approved, a 5% penalty (OF THE TOTAL POSSIBLE MARK) will be applied each day an assessment is not submitted, up until the 7th day (including weekends). After the 7th day, a grade of '0' will be awarded even if the assessment is submitted. Submission time for all written assessments is set at 11.55pm. A 1-hour grace period is provided to students who experience a technical concern.

For example:

Number of days (hours) late	Total Possible Marks	Deduction	Raw mark	Final mark
1 day (1-24 hours)	100	5	75	70
2 days (24-48 hours)	100	10	75	65
3 days (48-72 hours)	100	15	75	60
7 days (144-168 hours)	100	35	75	40
>7 days (>168 hours)	100	-	75	0

For any late submissions of time-sensitive tasks, such as scheduled tests/exams, performance assessments/presentations, and/or scheduled practical assessments/labs, students need to submit an application for Special Consideration.

Assessment Tasks

Name	Weighting	Hurdle	Due	Groupwork/Individual	Short Extension	AI Approach
<u>Research pitch</u>	35%	No	In class, weeks 6-8	Individual	No	Observed
<u>Research proposal</u>	35%	No	01/11/2026	Individual	Yes	Open
<u>Research skills reflection</u>	30%	No	18/10/2026	Individual	Yes	Open

Research pitch

Assessment Type ¹: Presentation task

Indicative Time on Task ²: 15 hours

Due: **In class, weeks 6-8**

Weighting: **35%**

Groupwork/Individual: Individual

Short extension ³: No

AI Approach: Observed

A presentation of the aims of the research you are participating in. This should include the wider context of the research, and a critical appraisal of the methods being used to achieve the aims. The presentation should convince a general scientific audience of the utility of the research, and the validity of the approach.

On successful completion you will be able to:

- Critically evaluate an advanced body of knowledge in your discipline.
- Communicate relevant research concepts and ideas to specialist and non-specialist audiences.
- Develop a research proposal using advanced knowledge, theories and methods required to conduct research in your discipline.

Research proposal

Assessment Type ¹: Written Submission

Indicative Time on Task ²: 15 hours

Due: **01/11/2026**

Weighting: **35%**

Groupwork/Individual: Individual

Short extension ³: Yes

AI Approach: Open

A written project proposal relating to the research you participate in during the semester.

On successful completion you will be able to:

- Critically evaluate an advanced body of knowledge in your discipline.
- Communicate relevant research concepts and ideas to specialist and non-specialist audiences.
- Apply ethics and integrity frameworks required to conduct responsible, ethical and reflective research in your discipline.
- Develop a research proposal using advanced knowledge, theories and methods required to conduct research in your discipline.
- Demonstrate well-developed judgement, adaptability and accountability in your professional practice as a researcher.

Research skills reflection

Assessment Type ¹: Reflection task

Indicative Time on Task ²: 13 hours

Due: **18/10/2026**

Weighting: **30%**

Groupwork/Individual: Individual

Short extension ³: Yes

AI Approach: Open

Reflect on a research skill area encountered in the learning modules of this unit in the context of your experience of participation in research over the session.

On successful completion you will be able to:

- Communicate relevant research concepts and ideas to specialist and non-specialist audiences.
- Apply ethics and integrity frameworks required to conduct responsible, ethical and reflective research in your discipline.
- Demonstrate well-developed judgement, adaptability and accountability in your professional practice as a researcher.

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
- [Academic Success](#) 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.

³ An automatic short extension is available for some assessments. Apply through the [Service Connect Portal](#).

Delivery and Resources

As a student enrolled in this unit, you will engage in a range of online and face-to-face learning activities, including [choose from: readings, online modules, videos and lectures. Details can be found on the iLearn site for this unit.

Technology Used

Active participation in the learning activities throughout the unit will require students to have access to a tablet, laptop or similar device. Students who do not own their own laptop computer may borrow one from the university library.

Unit Schedule

Week 1: You will nominate your list of preferred research themes and be notified of your allocated research project.

Weeks 2-11 (excluding session break): You will work on a research project under the supervision of a research team. You may be required to undertake online laboratory and/or ethics training modules to commence your project

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 connect.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://students.mq.edu.au/support/>

Academic Success

[Academic Success](#) provides resources to develop your English language proficiency, academic writing, and communication skills.

- [Ask a Study Coach](#)
- [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 Advocacy](#) provides independent advice on MQ policies, procedures, and processes

Student Enquiries

Got a question? Ask us via the [Service Connect Portal](#), or contact [Service Connect](#).

IT Help

For help with University computer systems and technology, visit <https://students.mq.edu.au/support/technology/service-desk>.

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 2026.02 of the [Handbook](#)