



FOSE7000

Research Communications in Science and Engineering

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

Science and Engineering Faculty level units

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Disclaimer

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General Information

Unit convenor and teaching staff

Unit Convener

Matthew Kosnik

matthew.kosnik@mq.edu.au

Contact via email

before / after workshops or by appointment.

Credit points

10

Prerequisites

Admission to GradDipRes or GradCertRes

Corequisites

Co-badged status

Unit description

This unit teaches students to effectively communicate research concepts and findings to specialist and non-specialist audiences in written, oral and visual forms. It explores the critical link between the creation of disciplinary knowledge and the dissemination of that knowledge to benefit human societies. The unit emphasises the importance of maintaining standards of academic integrity in publication and communication. It also specifically addresses the steps involved in producing a high-quality research thesis.

Learning in this unit enhances student understanding of global challenges identified by the United Nations Sustainable Development Goals ([UNSDGs](#)) Quality Education; Industry, Innovation and Infrastructure; Peace, Justice and Strong Institutions

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: Effectively communicate research concepts and findings to specialist and non-specialist audiences

ULO2: Demonstrate advanced writing and presentation skills

ULO3: Provide constructive feedback to others

ULO4: Evaluate current issues and debates in research ethics and integrity in the context of discipline relevant frameworks

General Assessment Information

Requirements to Pass this Unit

To pass this unit you must achieve a total mark equal to or greater than 50%.

Engagement – please read, as this is very important

As a Graduate Diploma of Research student you are part of the Faculty of Science and Engineering research community. You are expected to actively participate in the unit activities by: asking questions, voicing your opinions, participating in discussions, providing constructive feedback to your peers, and proactively working to find your place in our diverse research community. You are expected to contribute to a supportive and respectful dialogue. Disrespectful, offensive, belittling or exclusionary behaviour will not be tolerated (<https://policies.mq.edu.au/document/view.php?id=55>).

Pre-workshop activities

Most of the workshops build on a pre-workshop activity, full participation in the unit requires that you complete these prior to the scheduled workshop. These will be part of your reflective journal. See iLearn for additional information.

Academic Honesty

Academic integrity is fundamental to research. Presenting another person's work as your own is a serious breach of the University's rules and carries significant penalties. The University's Academic Honesty Policy can be found at http://www.mq.edu.au/policy/docs/academic_honesty/policy.html

In this unit, all written work will be checked for plagiarism using Turnitin. Penalties for plagiarism may include a zero mark for the assignment or in more extreme cases, failure of the unit. Plagiarism will be noted on your academic record. Full details of penalties can be found at http://www.mq.edu.au/policy/docs/academic_honesty/schedule_penalties.html

Individual assessments

Each assessment has been designed to be as authentic to as possible. Marking criteria / guidance for each assessment are provided via iLearn.

Due dates and assessment topics

Any student who is unable to meet a deadline should contact the unit convenor prior to the deadline to (possibly) avoid late penalties.

Late Assessment Submission Penalty

Students enrolled in session based units with written assessments will have the following university standard late penalty applied. Please see <https://students.mq.edu.au/study/>

assessment-exams/assessments for more information. Unless a Special Consideration request has been submitted and approved, a 5% penalty (of the total possible mark) will be applied each day a written 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 11:55 pm.** A 1-hour grace period is provided to students who experience a technical concern. For any late submission 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.

Assessments where Late Submissions will be accepted

In this unit, late submissions will be accepted as follows:

- Your poster and 3MT presentations must be given during the allocated time slots to the audience of your peers and markers, so late presentations will not be allowed unless a special consideration is granted. Providing peer feedback on the oral and poster presentations requires you to be present at the allocated time slots, so late feedback will not be allowed unless a special consideration is granted.
- Your reflective journal is subject to the standard late submission penalties.
- See marking guidance on iLearn or consult the convenor for additional information.

Special Consideration

The [Special Consideration Policy](#) aims to support students who have been impacted by short-term circumstances or events that are serious, unavoidable and significantly disruptive, and which may affect their performance in assessment. If you experience circumstances or events that affect your ability to complete the assessments in this unit on time, please inform the convenor and submit a Special Consideration request through <http://connect.mq.edu.au/>

Assessment Tasks

Name	Weighting	Hurdle	Due	Groupwork/Individual	Short Extension	AI Approach
Communicating with your peers	35%	No	Week 6	Individual	No	Open
Communicating to a general audience	35%	No	Week 11	Individual	No	Open
Reflective journal	30%	No	20/10/2026	Individual	Yes	Open

Communicating with your peers

Assessment Type [1](#): Professional task

Indicative Time on Task [2](#): 30 hours

Due: **Week 6**

Weighting: **35%**

Groupwork/Individual: Individual

Short extension ³: No

AI Approach: Open

You will prepare and present a research poster aimed at an audience of your peers, and you will provide constructive feedback on the posters of others.

On successful completion you will be able to:

- Effectively communicate research concepts and findings to specialist and non-specialist audiences
- Demonstrate advanced writing and presentation skills
- Provide constructive feedback to others

Communicating to a general audience

Assessment Type ¹: Professional task

Indicative Time on Task ²: 30 hours

Due: **Week 11**

Weighting: **35%**

Groupwork/Individual: Individual

Short extension ³: No

AI Approach: Open

You will write a piece for a general audience (analogous to the Conversation) on a current research topic in your discipline, present it in a 3MT style presentation, and you will provide constructive feedback to others on their presentations.

On successful completion you will be able to:

- Effectively communicate research concepts and findings to specialist and non-specialist audiences
- Demonstrate advanced writing and presentation skills
- Provide constructive feedback to others

Reflective journal

Assessment Type ¹: Reflection task

Indicative Time on Task ²: 20 hours

Due: **20/10/2026**

Weighting: **30%**

Groupwork/Individual: Individual

Short extension ³: Yes

AI Approach: Open

You will keep a reflective journal that will include weekly reflections. One of these will be a reflection on a current topic in integrity, ethics and/or inclusion relevant to your discipline.

On successful completion you will be able to:

- Demonstrate advanced writing and presentation skills
- Evaluate current issues and debates in research ethics and integrity in the context of discipline relevant frameworks

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

You are encouraged to attend class in person if at all possible. If you cannot attend in person, you are still required to attend classes during the scheduled time online (see iLearn for links). Please bring a laptop or tablet to each workshop to facilitate your participation in workshop activities.

Remote / online / off-shore students: If you are not based in the greater Sydney area you must email the convenor as soon as possible to discuss study options. Remote / online engagement is possible, but with greater notice comes more time to plan our options.

Week 1: Workshops will take place as normal. There are pre-workshops activities that you are expected to complete prior the workshop each week, including week 1.

Methods of communication: We will communicate with you via your university student email and through announcements on iLearn. Queries to convenors can either be placed on the iLearn discussion board, sent to the unit convenor via the contact email on iLearn or discussed prior to or after workshops.

Illness information and on-campus classes: On-campus teaching is the default mode of delivery. *Students who feel unwell due to any illness are requested to participate in workshops using the online option rather than attend in person (see iLearn for links).*

Unit Schedule

The poster session will occur in an additional and separately scheduled activity during week 6 (week of September 1st), your presence for the poster session is essential.

The 3MT session will occur in an additional and separately scheduled activity during week 11 (week of October 6th), your presence at the 3MT session is essential.

Our last workshop is October 13th (we will not meet in weeks 13-15), so that you can dedicate additional time to your end of session assessments in other units.

Policies and Procedures

Macquarie University policies and procedures are accessible from [Policy Central](https://policies.s.mq.edu.au) (<https://policies.s.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 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.

Changes from Previous Offering

Notable changes to assessment and scheduling.

- We have altered the assessments to have a more authentic poster and 3MT sessions.
- We are explicitly trying to front load this unit to help you manage your time for other units that have larger assessments due at the end of the session.

Unit information based on version 2026.03 of the [Handbook](#)