



STAT8990

Master of Research - Statistics

Session 1, Weekday attendance, North Ryde 2021

Archive (Pre-2022) - Department of Mathematics and Statistics

Contents

General Information	2
Learning Outcomes	3
Assessment Tasks	3
Delivery and Resources	6
Policies and Procedures	6

Disclaimer

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Notice

As part of [Phase 3 of our return to campus plan](#), most units will now run tutorials, seminars and other small group activities on campus, and most will keep an online version available to those students unable to return or those who choose to continue their studies online.

To check the availability of face-to-face activities for your unit, please go to [timetable viewer](#). To check detailed information on unit assessments visit your unit's iLearn space or consult your unit convenor.

General Information

Unit convenor and teaching staff

Catherine Penington

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Contact via Email

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By appointment

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Credit points

80

Prerequisites

Corequisites

Co-badged status

Unit description

The 8000-level components of the Master of Research (Year 2) are not designed around units. The thesis together with four core research activities form a single coherent research program based on individual research plans and will consist of the following: (1) Research Frontiers 2: You will attend a number of department or faculty-run sessions and engage in a program of activities developing your knowledge of the sub-disciplinary field in which you want to situate your own research; (2) Literature Review: You will attend sessions explaining how researchers in your field engage with previous research literature, and produce a draft of your own literature review for your thesis; (3) Research Methods: With other students and led by academic staff, you will develop the research methods you will use in your research project; (4) Research Planning: Through a combination of group sessions and individual work with your supervision team, you will develop a plan for a large scale research project, part of which will be completed in the MRes; and (5) Thesis: You will complete a small research project, and write it up in a short thesis of about 20,000 words.

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: develop their individual research projects in the context of the latest research developments in their field.

ULO3: make strategic decisions about how to approach their individual research problem.

ULO2: situate their individual research project within its broader research context, reviewing associated issues, debates and methodologies.

ULO4: develop a major research plan, of up to 4 years scope, and with a pilot project that can be completed during the MRes year

ULO5: complete a research project in order to demonstrate individual research capability and the potential to conduct a major (PhD-scale) research project.

Assessment Tasks

Name	Weighting	Hurdle	Due
Research Planning	0%	Yes	End of semester 1
MRes Thesis	90%	No	Thesis due date
Research Methods	0%	Yes	end of semester 1
Participating in weekly departmental colloquium	0%	Yes	Weekly
Poster Presentation	10%	No	Poster Session
Literature Review	0%	No	End of semester 1

Research Planning

Assessment Type ¹: Plan

Indicative Time on Task ²: 35 hours

Due: **End of semester 1**

Weighting: **0%**

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

Candidates will receive training in project management and plan a major research project.

On successful completion you will be able to:

- develop a major research plan, of up to 4 years scope, and with a pilot project that can be completed during the MRes year

MRes Thesis

Assessment Type ¹: Thesis

Indicative Time on Task ²: 140 hours

Due: **Thesis due date**

Weighting: **90%**

Candidates will complete an individual research project, incorporating all listed activities and culminating in a single coherent thesis. The thesis will be examined externally by two examiners.

On successful completion you will be able to:

- develop their individual research projects in the context of the latest research developments in their field.
- make strategic decisions about how to approach their individual research problem.
- situate their individual research project within its broader research context, reviewing associated issues, debates and methodologies.
- develop a major research plan, of up to 4 years scope, and with a pilot project that can be completed during the MRes year
- complete a research project in order to demonstrate individual research capability and the potential to conduct a major (PhD-scale) research project.

Research Methods

Assessment Type ¹: Participatory task

Indicative Time on Task ²: 35 hours

Due: **end of semester 1**

Weighting: **0%**

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

Departments will confirm candidates have adequately demonstrated their understanding and skills in appropriate research methodologies, and are able to critically analyse their use in comparison with alternative methods. Departments will report a satisfactory/unsatisfactory grade, as confirmation of your completion of this Activity.

On successful completion you will be able to:

- make strategic decisions about how to approach their individual research problem.

Participating in weekly departmental colloquium

Assessment Type ¹: Participatory task

Indicative Time on Task ²: 26 hours

Due: **Weekly**

Weighting: **0%**

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

Participation in colloquium will be assessed by departmental staff. Students must actively participate in at least 80% of the colloquium.

On successful completion you will be able to:

- develop their individual research projects in the context of the latest research developments in their field.
- situate their individual research project within its broader research context, reviewing associated issues, debates and methodologies.

Poster Presentation

Assessment Type ¹: Poster

Indicative Time on Task ²: 20 hours

Due: **Poster Session**

Weighting: **10%**

Student will prepare a poster presentation explaining their current research.

On successful completion you will be able to:

- develop their individual research projects in the context of the latest research developments in their field.

Literature Review

Assessment Type ¹: Literature review

Indicative Time on Task ²: 35 hours

Due: **End of semester 1**

Weighting: **0%**

Candidates will survey the current literature relating to their individual research project.

On successful completion you will be able to:

- make strategic decisions about how to approach their individual research problem.

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

Not applicable

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](#)
- [Grade Appeal Policy](#)
- [Complaint Management 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

Student Support

Macquarie University provides a range of support services for students. For details, visit <http://students.mq.edu.au/support/>

Learning Skills

Learning Skills (mq.edu.au/learningskills) provides academic writing resources and study strategies to help you improve your marks and take control of your study.

- [Getting help with your assignment](#)
- [Workshops](#)
- [StudyWise](#)
- [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

Students with a disability are encouraged to contact the [Disability Service](#) who can provide appropriate help with any issues that arise during their studies.

Student Enquiries

For all student enquiries, visit Student Connect at ask.mq.edu.au

If you are a Global MBA student contact globalmba.support@mq.edu.au

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.