



# MEDI861

## Research Thesis

SM11 2014

*School of Advanced Medicine*

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## General Information

Unit convenor and teaching staff

Director of Medical Education

Kirsty Forrest

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Education and Student Support Manager

Ros Smith

[ros.smith@mq.edu.au](mailto:ros.smith@mq.edu.au)

Credit points

32

Prerequisites

MASP801 and MASP802 and MASP803 and MASP804 and MASP805 and MASP806

Corequisites

Co-badged status

Unit description

This unit involves the conduct of research appropriate to the subspecialisation of the Scholar. Scholars are required to submit a collection of peer reviewed journals articles (minimum of two) based on research undertaken during the candidate's enrolment at Macquarie University. This collection will also include an introductory statement and a discussion document that situates the papers within the wider context of the research discipline. Through this unit, the Scholar will gain essential research skills to support an academic surgical career.

## 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:

- Plan and conduct an original research project, including reviews of relevant literature
- Integrate analysis and synthesis of literature into project design and execution
- Demonstrate competence in researching in chosen field and methodology
- Demonstrate ability to write in relevant academic genres, including the preparation of articles for publication

Evaluate the research process to enhance future research strategies

## Assessment Tasks

Name	Weighting	Due
<a href="#">Research plan</a>	10%	First month of enrolment
<a href="#">Research thesis introduction</a>	20%	TBA with supervisor
<a href="#">Research thesis publications</a>	60%	TBA with supervisor
<a href="#">Seminar presentation</a>	10%	TBA with supervisor

### Research plan

Due: **First month of enrolment**

Weighting: **10%**

2 page plan for research; to be submitted within the first month of enrolment.

On successful completion you will be able to:

- Plan and conduct an original research project, including reviews of relevant literature
- Integrate analysis and synthesis of literature into project design and execution
- Demonstrate competence in researching in chosen field and methodology

### Research thesis introduction

Due: **TBA with supervisor**

Weighting: **20%**

An introductory statement for the research publications

On successful completion you will be able to:

- Plan and conduct an original research project, including reviews of relevant literature
- Integrate analysis and synthesis of literature into project design and execution
- Demonstrate competence in researching in chosen field and methodology
- Demonstrate ability to write in relevant academic genres, including the preparation of articles for publication
- Evaluate the research process to enhance future research strategies

### Research thesis publications

Due: **TBA with supervisor**

Weighting: **60%**

At least two peer-reviewed publications as well as concluding discussion.

This consists of publications from research across the period of enrolment in the degree, particularly in the final year.

On successful completion you will be able to:

- Plan and conduct an original research project, including reviews of relevant literature
- Integrate analysis and synthesis of literature into project design and execution
- Demonstrate competence in researching in chosen field and methodology
- Demonstrate ability to write in relevant academic genres, including the preparation of articles for publication

## Seminar presentation

Due: **TBA with supervisor**

Weighting: **10%**

Presentation at departmental seminar

On successful completion you will be able to:

- Evaluate the research process to enhance future research strategies

## Delivery and Resources

Please liaise with your clinical supervisor about your one-to-one research supervision. Technological requirements for your research will be identified by your supervisor. You may also connect with the ASAM liaison librarians to assist you in your project.

## Unit Schedule

As this is a research project, you will liaise with your clinical supervisor to work out a research schedule and assessment timetabling.

## Policies and Procedures

Macquarie University policies and procedures are accessible from [Policy Central](#). Students should be aware of the following policies in particular with regard to Learning and Teaching:

Academic Honesty Policy [http://mq.edu.au/policy/docs/academic\\_honesty/policy.html](http://mq.edu.au/policy/docs/academic_honesty/policy.html)

Assessment Policy <http://mq.edu.au/policy/docs/assessment/policy.html>

Grading Policy <http://mq.edu.au/policy/docs/grading/policy.html>

Grade Appeal Policy <http://mq.edu.au/policy/docs/gradeappeal/policy.html>

Grievance Management Policy [http://mq.edu.au/policy/docs/grievance\\_management/policy.html](http://mq.edu.au/policy/docs/grievance_management/policy.html)

Disruption to Studies Policy [http://www.mq.edu.au/policy/docs/disruption\\_studies/policy.html](http://www.mq.edu.au/policy/docs/disruption_studies/policy.html) *The Disruption to Studies Policy is effective from March 3 2014 and replaces the Special Consideration Policy.*

In addition, a number of other policies can be found in the [Learning and Teaching Category](#) of Policy Central.

## Student Code of Conduct

Macquarie University students have a responsibility to be familiar with the Student Code of Conduct: [https://students.mq.edu.au/support/student\\_conduct/](https://students.mq.edu.au/support/student_conduct/)

Internal ASAM Procedures:

### Code of conduct

Scholars enrolled in ASAM programs who are also working or observing in Macquarie University Hospital are subject to the Hospital's Code of Conduct.

### Attendance requirements

Students/scholars are required to attend a minimum of 80% of classes and other scheduled learning activities, such as clinics, journal clubs and unit meetings, unless special consideration is granted by the unit convenor. If a student/scholar does not attend a minimum of 80% of classes, he/she may not be able to pass the unit.

### Penalties for late submissions

Late submissions will be penalised unless special consideration is granted by the unit convenor. The penalty is 10% per week or part thereof.

You must complete all assessment tasks to pass the unit.

## 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](http://mq.edu.au/learningskills)) provides academic writing resources and study strategies to improve your marks and take control of your study.

- [Workshops](#)
- [StudyWise](#)
- [Academic Integrity Module for Students](#)
- [Ask a Learning Adviser](#)

## 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](http://ask.mq.edu.au)

## IT Help

For help with University computer systems and technology, visit <http://informatics.mq.edu.au/help/>.

When using the University's IT, you must adhere to the [Acceptable Use Policy](#). The policy applies to all who connect to the MQ network including students.

## Graduate Capabilities

### PG - Discipline Knowledge and Skills

Our postgraduates will be able to demonstrate a significantly enhanced depth and breadth of knowledge, scholarly understanding, and specific subject content knowledge in their chosen fields.

This graduate capability is supported by:

#### Learning outcomes

- Plan and conduct an original research project, including reviews of relevant literature
- Integrate analysis and synthesis of literature into project design and execution
- Demonstrate competence in researching in chosen field and methodology
- Demonstrate ability to write in relevant academic genres, including the preparation of articles for publication
- Evaluate the research process to enhance future research strategies

#### Assessment tasks

- Research plan
- Research thesis introduction
- Research thesis publications
- Seminar presentation

### PG - Critical, Analytical and Integrative Thinking

Our postgraduates will be capable of utilising and reflecting on prior knowledge and experience, of applying higher level critical thinking skills, and of integrating and synthesising learning and knowledge from a range of sources and environments. A characteristic of this form of thinking is

the generation of new, professionally oriented knowledge through personal or group-based critique of practice and theory.

This graduate capability is supported by:

### Learning outcomes

- Plan and conduct an original research project, including reviews of relevant literature
- Integrate analysis and synthesis of literature into project design and execution
- Demonstrate competence in researching in chosen field and methodology
- Evaluate the research process to enhance future research strategies

### Assessment tasks

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## PG - Research and Problem Solving Capability

Our postgraduates will be capable of systematic enquiry; able to use research skills to create new knowledge that can be applied to real world issues, or contribute to a field of study or practice to enhance society. They will be capable of creative questioning, problem finding and problem solving.

This graduate capability is supported by:

### Learning outcomes

- Plan and conduct an original research project, including reviews of relevant literature
- Integrate analysis and synthesis of literature into project design and execution
- Demonstrate competence in researching in chosen field and methodology
- Evaluate the research process to enhance future research strategies

### Assessment tasks

- Research plan
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## PG - Effective Communication

Our postgraduates will be able to communicate effectively and convey their views to different social, cultural, and professional audiences. They will be able to use a variety of technologically supported media to communicate with empathy using a range of written, spoken or visual formats.

This graduate capability is supported by:

### **Learning outcome**

- Demonstrate ability to write in relevant academic genres, including the preparation of articles for publication

### **Assessment tasks**

- Research thesis introduction
- Research thesis publications

## **PG - Engaged and Responsible, Active and Ethical Citizens**

Our postgraduates will be ethically aware and capable of confident transformative action in relation to their professional responsibilities and the wider community. They will have a sense of connectedness with others and country and have a sense of mutual obligation. They will be able to appreciate the impact of their professional roles for social justice and inclusion related to national and global issues

This graduate capability is supported by:

### **Learning outcome**

- Integrate analysis and synthesis of literature into project design and execution

### **Assessment tasks**

- Research plan
- Research thesis introduction
- Research thesis publications

## **PG - Capable of Professional and Personal Judgment and Initiative**

Our postgraduates will demonstrate a high standard of discernment and common sense in their professional and personal judgment. They will have the ability to make informed choices and decisions that reflect both the nature of their professional work and their personal perspectives.

This graduate capability is supported by:

### **Learning outcomes**

- Plan and conduct an original research project, including reviews of relevant literature
- Integrate analysis and synthesis of literature into project design and execution
- Evaluate the research process to enhance future research strategies

### **Assessment tasks**

- Research plan
- Research thesis introduction



- Research thesis publications
- Seminar presentation