



# AMED890

## Medical Research Project

SM3 Day 2019

*Medicine and Health Sciences Faculty level units*

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### Disclaimer

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## General Information

Unit convenor and teaching staff Unit Convenor Mirjana Strkalj <a href="mailto:mirjana.strkalj@mq.edu.au">mirjana.strkalj@mq.edu.au</a>
Credit points 4
Prerequisites Admission to DAdvSurg or DAdvMed or DMedSc or MASurg or MAMed or GradDipSpSurg or GradDipSpMed or GradDipAnatomy or GradCertClinEdSim
Corequisites
Co-badged status
Unit description This is an independent study unit where the student will pursue a course of collaborative enquiry-based learning with a supervisor from the Faculty of Medicine and Health Sciences into medical or medical education research.

## 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 research competence in chosen field and methodology
- Demonstrate ability to write in relevant scientific styles
- Evaluate the research process to enhance future research strategies

## General Assessment Information

### Penalties for late submissions

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

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

## Assessment Tasks

Name	Weighting	Hurdle	Due
<u>Learning Portfolio</u>	100%	No	28th October 2019

### Learning Portfolio

Due: **28th October 2019**

Weighting: **100%**

A collection of:

- Research plan** in a topic relevant to your clinical practice – either basic science research, translational research, or research into non-technical aspects of care or education.
- Write a journal article** which can be submitted for publication in a relevant peer-reviewed journal.

The components of the research project will be negotiated with the supervisor and submitted on or before the due date

**28th October 2019.** It is compulsory to submit the research plan to receive a feedback from your supervisor. The portfolio will be assessed collective as Pass/Fail

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 research competence in chosen field and methodology
- Demonstrate ability to write in relevant scientific styles
- Evaluate the research process to enhance future research strategies

## Delivery and Resources

This unit will commence at the beginning of the Graduate Diploma of Anatomy and will be carried out over two Sessions. 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 faculty librarians to assist you in your project.

## Unit Schedule

Week	Activity
2	Contact the program director to express your preferred area of research

4	Contact assigned supervisor
6	Prepare and submit the research plan and progress report to your supervisor.
13	Submit a written progress report to your supervisor.
23	Presentation of your research during the intensive Anatomy 3 unit in the anatomy lab.
End of Second Session	Written research paper to be submitted.

## Policies and Procedures

Macquarie University policies and procedures are accessible from [Policy Central](https://staff.mq.edu.au/work/strategy-planning-and-governance/university-policies-and-procedures/policy-central) (<https://staff.mq.edu.au/work/strategy-planning-and-governance/university-policies-and-procedures/policy-central>). 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](#) (**Note:** *The Special Consideration Policy is effective from 4 December 2017 and replaces the Disruption to Studies Policy.*)

Undergraduate students seeking more policy resources can visit the [Student Policy Gateway](https://students.mq.edu.au/support/study/student-policy-gateway) (<https://students.mq.edu.au/support/study/student-policy-gateway>). It is your one-stop-shop for the key policies you need to know about throughout your undergraduate student journey.

If you would like to see all the policies relevant to Learning and Teaching visit [Policy Central](https://staff.mq.edu.au/work/strategy-planning-and-governance/university-policies-and-procedures/policy-central) (<https://staff.mq.edu.au/work/strategy-planning-and-governance/university-policies-and-procedures/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/study/getting-started/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](mailto: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](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](#)

If you are a Global MBA student contact [globalmba.support@mq.edu.au](mailto: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/](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.

## Graduate Capabilities

### 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

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

- Evaluate the research process to enhance future research strategies

### **Assessment task**

- Learning Portfolio

## **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 research competence in chosen field and methodology
- Demonstrate ability to write in relevant scientific styles

### **Assessment task**

- Learning Portfolio

## **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 research competence in chosen field and methodology
- Demonstrate ability to write in relevant scientific styles
- Evaluate the research process to enhance future research strategies

### **Assessment task**

- Learning Portfolio

## **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 research competence in chosen field and methodology
- Demonstrate ability to write in relevant scientific styles
- Evaluate the research process to enhance future research strategies

## **Assessment task**

- Learning Portfolio

## **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 scientific styles

## **Changes from Previous Offering**

No changes made