



PHTY904

Research Project and Seminar

S1 Day 2018

Medicine and Health Sciences Faculty level units

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General Information

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Credit points

8

Prerequisites

PHTY819

Corequisites

Co-badged status

Unit description

This unit involves the conduct of a substantial research project and requires both verbal and written presentation of the completed research. Students are required to demonstrate the capacity to generate new knowledge or apply existing knowledge in innovative ways to advance the evidence base for physiotherapy practice. This unit builds on the research proposal and skills developed in PHTY819.

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:

Define an answerable research question relevant to physiotherapy and/or healthcare.

Implement appropriate research methodology and skills to answer a research question relevant to physiotherapy practice and/or healthcare.

Interpret research findings using appropriate data analysis strategies

Complete a substantial research project within time and funding constraints.

Demonstrate the ability to work cooperatively and effectively with colleagues and staff in

a collaborative research environment.

Communicate research findings effectively in a professional and scholarly manner using both written and oral delivery modes.

General Assessment Information

Information concerning Macquarie University's assessment policy is available at http://mq.edu.au/policy/docs/assessment/policy_2016.html. Grade descriptors and other information concerning grading requirements are contained in Schedule 1 of the Macquarie University Assessment Policy, which is available at: http://www.mq.edu.au/policy/docs/assessment/schedule_1.html

To pass this unit, students must demonstrate sufficient evidence of achievement of the learning outcomes and attempt all assessment tasks.

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

All final grades in the department of Health Professions are determined by a grading committee and are not the sole responsibility of the Unit Convenor.

Students will be awarded one of these grades plus a Standardised Numerical Grade (SNG). The SNG is not necessarily a summation of the individual assessment components. The final grade and SNG that are awarded reflect the corresponding grade descriptor in Schedule 1 of the Assessment Policy.

Extensions for Assessment Tasks

Applications for assessment task extensions must be submitted via www.ask.mq.edu.au. For further details please refer to the Disruption to Studies Policy available at http://mq.edu.au/policy/docs/disruption_studies/policy.html

Late Submission of Work

All assignments which are officially received after the due date, and where no extension has been granted by the course convenor or tutor, will incur a deduction of 10% for the first day, and 10% for each subsequent day including the actual day on which the work is received. Weekends and public holidays are included. For example:

Due Date	Received	Days Late	Deduction	Raw Mark	Final Mark
Friday, 14th	Monday, 17th	3	30%	75%	45%

Assessment Tasks

Name	Weighting	Hurdle	Due
Assessment 1	40%	No	Week 12

Name	Weighting	Hurdle	Due
<u>Assessment 2</u>	30%	No	Week 12
<u>Assessment 3</u>	30%	No	Week 16

Assessment 1

Due: **Week 12**

Weighting: **40%**

Your research manuscript is a written report of your research. The manuscript will be presented as a manuscript to the Journal of Physiotherapy. Supplementary information (e.g. experimental protocol sheets, raw data, additional figures and tables) can be added in the form of appendices. For specific details regarding formatting (and word count) please refer to the journal author guidelines.

On successful completion you will be able to:

- Define an answerable research question relevant to physiotherapy and/or healthcare.
- Implement appropriate research methodology and skills to answer a research question relevant to physiotherapy practice and/or healthcare.
- Interpret research findings using appropriate data analysis strategies
- Complete a substantial research project within time and funding constraints.
- Demonstrate the ability to work cooperatively and effectively with colleagues and staff in a collaborative research environment.
- Communicate research findings effectively in a professional and scholarly manner using both written and oral delivery modes.

Assessment 2

Due: **Week 12**

Weighting: **30%**

Research conduct, participation and log. The purpose of this assessment is to demonstrate evidence of appropriate conduct, participation and engagement of all aspects of the research process. Students are expected to demonstrate all aspects of their research has been conducted in an ethical manner and with research integrity.

On successful completion you will be able to:

- Implement appropriate research methodology and skills to answer a research question relevant to physiotherapy practice and/or healthcare.
- Complete a substantial research project within time and funding constraints.
- Demonstrate the ability to work cooperatively and effectively with colleagues and staff in

a collaborative research environment.

Assessment 3

Due: **Week 16**

Weighting: **30%**

The final assessment task is an oral presentation which will be delivered within a formal (Doctor of Physiotherapy) research symposium.

On successful completion you will be able to:

- Define an answerable research question relevant to physiotherapy and/or healthcare.
- Implement appropriate research methodology and skills to answer a research question relevant to physiotherapy practice and/or healthcare.
- Interpret research findings using appropriate data analysis strategies
- Complete a substantial research project within time and funding constraints.
- Demonstrate the ability to work cooperatively and effectively with colleagues and staff in a collaborative research environment.
- Communicate research findings effectively in a professional and scholarly manner using both written and oral delivery modes.

Delivery and Resources

Assumed knowledge

This unit build upon and assumes that you have a good understanding of all content delivered in Advanced Research Training (PHTY 819).

Teaching and Learning Strategy

There are no specific lectures for this unit. Your research projects are intended to comprise a substantial body of independent work. However, students will meet their research supervisors on a regularly basis, either individually or in a group, to discuss their research.

Unit Organisation

This is a 8 credit point unit.

Unit materials and readings

Any generic information related to research and its assessments e.g. presentation guidelines, will be posted on iLearn.

Technology and equipment

On-campus

Teaching rooms are equipped with state of art audio-visual and ICT equipment including ipads,laptops, internet connection, high quality video cameras and multiple LCD screens.

Students will use a range of physiotherapy specific equipment typically used in the assessment and management of people with a range of health conditions.

Off-campus

To study optimally when off campus you will need to have access to a reliable internet connection to retrieve unit information & at times to submit assessment tasks via iLearn.

Consultation with staff: All staff will be available for individual consultation. See iLearn for contact details and times.

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 shown in *iLearn*, 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.

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 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

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.

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

- Define an answerable research question relevant to physiotherapy and/or healthcare.
- Implement appropriate research methodology and skills to answer a research question relevant to physiotherapy practice and/or healthcare.
- Interpret research findings using appropriate data analysis strategies

- Demonstrate the ability to work cooperatively and effectively with colleagues and staff in a collaborative research environment.
- Communicate research findings effectively in a professional and scholarly manner using both written and oral delivery modes.

Assessment tasks

- Assessment 1
- Assessment 2
- Assessment 3

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

- Define an answerable research question relevant to physiotherapy and/or healthcare.
- Implement appropriate research methodology and skills to answer a research question relevant to physiotherapy practice and/or healthcare.
- Interpret research findings using appropriate data analysis strategies
- Complete a substantial research project within time and funding constraints.
- Communicate research findings effectively in a professional and scholarly manner using both written and oral delivery modes.

Assessment tasks

- Assessment 1
- Assessment 3

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

- Define an answerable research question relevant to physiotherapy and/or healthcare.

- Implement appropriate research methodology and skills to answer a research question relevant to physiotherapy practice and/or healthcare.
- Interpret research findings using appropriate data analysis strategies
- Complete a substantial research project within time and funding constraints.
- Communicate research findings effectively in a professional and scholarly manner using both written and oral delivery modes.

Assessment tasks

- Assessment 1
- Assessment 3

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

- Define an answerable research question relevant to physiotherapy and/or healthcare.
- Implement appropriate research methodology and skills to answer a research question relevant to physiotherapy practice and/or healthcare.
- Interpret research findings using appropriate data analysis strategies
- Complete a substantial research project within time and funding constraints.
- Communicate research findings effectively in a professional and scholarly manner using both written and oral delivery modes.

Assessment tasks

- Assessment 1
- Assessment 3

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 outcomes

- Complete a substantial research project within time and funding constraints.
- Demonstrate the ability to work cooperatively and effectively with colleagues and staff in a collaborative research environment.
- Communicate research findings effectively in a professional and scholarly manner using both written and oral delivery modes.

Assessment tasks

- Assessment 1
- Assessment 3

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 outcomes

- Demonstrate the ability to work cooperatively and effectively with colleagues and staff in a collaborative research environment.
- Communicate research findings effectively in a professional and scholarly manner using both written and oral delivery modes.

Assessment tasks

- Assessment 1
- Assessment 2
- Assessment 3

Changes from Previous Offering

Since the 2017 offering there have been changes in the : i) unit name (and code point); ii) weighting; iii) assessments; and iv) learning outcomes, as follows.

The Research Project and Seminar unit (PHTY 904, 8 credit points) is a new unit which has evolved from the Dissertation and Seminar Unit (PHTY 901, 12 credit points) offered in 2014 to 2017.

There have been several changes to the assessments to accommodate the reduction in weighting. Specifically, the research manuscript (AT1) is worth 40% of the assessment weighting (previously worth 50%). There is also a new assessment called research conduct, participation

and log (AT2) which replaces the poster presentations. The oral seminar presentation (AT3) is the same as in previous offerings.

There are also changes to the learning outcomes to align with the above.

These changes were made based on staff and student feedback, and to align with that the overall direction of the Doctor of Physiotherapy Program.