



PHTY8303

Advanced Research Training

Session 2, Special circumstance 2020

Department of Health Professions

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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 learning activities on campus for the second half-year, while keeping an online version available for those students unable to return or those who choose to continue their studies online.

To check the availability of face-to-face and online 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

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Credit points

10

Prerequisites

(PHTY812 or PHTY8204) and (PHTY813 or PHTY8205) and (PHTY814 or PHTY8206) and (PHTY815 or PHTY8207)

Corequisites

Co-badged status

Unit description

This unit will extend your research skills to develop a deep and contemporary understanding of methodological, regulatory and professional aspects of physiotherapy research. You will work closely with a research supervisor to integrate your professional, clinical and research skills to plan a research project. This will include justifying the research aims through thorough background research of the topic area, and clearly articulating the methodological process required to meet the research aims.

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: Apply ethical principles within the national research regulatory framework to your own research practices. (Professional)

ULO2: Critically appraise the quality and contribution of current research evidence relevant to your research topic, to justify a research question relevant to contemporary physiotherapy and/or healthcare. (Scientist and Scholar)

ULO3: Work effectively and professionally with a research supervisor, and other research collaborators as required, to plan a research project, including clear and pragmatic methodology that is appropriate to achieve the research aims. (Scientist and Scholar)

ULO4: Effectively communicate a comprehensive understanding of a research topic, methodology and your own current research skills. (Clinical Practitioner)

ULO5: Identify areas for and apply both independent and collaborative strategies to advance your research knowledge and skills relevant to your research project. (Scientist and Scholar)

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.

To pass this unit, students must demonstrate sufficient evidence of achievement of the learning outcomes. Further details for each assessment task will be available on iLearn, including marking rubrics.

All final grades in the Faculty of Medicine, Health and Human Sciences are determined by the Faculty of Medicine, Health and Human Sciences Assessment Committee, and are approved by the Faculty Board. They are not the sole responsibility of the Unit Convenor. Students will be awarded an Assessment Grade 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.

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. If there is a lack of sufficient evidence demonstrating that a student has met the required level of achievement in all learning outcomes they will be awarded a Fail grading with an assigned mark of 49 or less.

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 Special Considerations Policy available at <https://staff.mq.edu.au/work/strategy-planning-and-governance/university-policies-and-procedures/policies/special-consideration>

Late Submission of Work

All assignments which are officially received after the due date, and where no extension has been granted by the unit convenor or course director, 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. Assessments received 5 days or more beyond the due date, without an approved extension, will be awarded a maximum of 50% of the overall assessment marks. 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%

Hurdle Assessment

A hurdle requirement is an activity for which a minimum level of performance or participation is a condition of passing the unit in which it occurs. A student who has obtained a SNG over 50, yet failed the hurdle assessment, fails the unit. Please see Macquarie University's assessment policy for more information about hurdle assessment tasks. There are no hurdle assessment tasks in this unit.

Assessment Tasks

Name	Weighting	Hurdle	Due
Learning plan - part A	10%	No	Week 8
Project Plan	40%	No	Week 12
Learning plan - part B	30%	No	Week 13
Oral Presentation	20%	No	Week 16

Learning plan - part A

Assessment Type ¹: Learning plan

Indicative Time on Task ²: 5 hours

Due: **Week 8**

Weighting: **10%**

You will set a learning plan to ensure you have the appropriate research and/or communication skills to successfully complete your research project.

On successful completion you will be able to:

- Work effectively and professionally with a research supervisor, and other research collaborators as required, to plan a research project, including clear and pragmatic methodology that is appropriate to achieve the research aims. (Scientist and Scholar)
- Effectively communicate a comprehensive understanding of a research topic, methodology and your own current research skills. (Clinical Practitioner)
- Identify areas for and apply both independent and collaborative strategies to advance your research knowledge and skills relevant to your research project. (Scientist and Scholar)

Project Plan

Assessment Type ¹: Project

Indicative Time on Task ²: 30 hours

Due: **Week 12**

Weighting: **40%**

You will prepare and write a research project plan, including a critical review of relevant literature.

On successful completion you will be able to:

- Apply ethical principles within the national research regulatory framework to your own research practices. (Professional)
- Critically appraise the quality and contribution of current research evidence relevant to your research topic, to justify a research question relevant to contemporary physiotherapy and/or healthcare. (Scientist and Scholar)
- Effectively communicate a comprehensive understanding of a research topic, methodology and your own current research skills. (Clinical Practitioner)

Learning plan - part B

Assessment Type ¹: Learning plan

Indicative Time on Task ²: 15 hours

Due: **Week 13**

Weighting: **30%**

You will provide evidence of achievement towards your learning plan.

On successful completion you will be able to:

- Work effectively and professionally with a research supervisor, and other research collaborators as required, to plan a research project, including clear and pragmatic methodology that is appropriate to achieve the research aims. (Scientist and Scholar)
- Effectively communicate a comprehensive understanding of a research topic, methodology and your own current research skills. (Clinical Practitioner)
- Identify areas for and apply both independent and collaborative strategies to advance your research knowledge and skills relevant to your research project. (Scientist and Scholar)

Oral Presentation

Assessment Type ¹: Presentation

Indicative Time on Task ²: 15 hours

Due: **Week 16**

Weighting: **20%**

You will deliver an oral presentation of your research project plan.

On successful completion you will be able to:

- Apply ethical principles within the national research regulatory framework to your own research practices. (Professional)
- Critically appraise the quality and contribution of current research evidence relevant to your research topic, to justify a research question relevant to contemporary physiotherapy and/or healthcare. (Scientist and Scholar)
- Effectively communicate a comprehensive understanding of a research topic, methodology and your own current research skills. (Clinical Practitioner)

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

Assumed knowledge

This unit builds and integrates material from previous semesters, particularly Evidence-based Healthcare and Healthcare Complexity and Physiotherapy.

Teaching and Learning Strategy

This unit encompasses an active learning approach where you will be expected to actively engage in enhancing your own learning experience. Online lectures will provide content and will also incorporate large group online discussion, which will be further built upon in small group online tutorials. Online tutorials will focus on extending your current knowledge, skills and application in research settings and writing feedback sessions will be provided to assist with scientific research skills. You will meet with your research supervisors on a regular basis, either individually or in a group, to discuss your research project and plans. You will also be required to independently identify aspects of your research skills that require further development and engage active strategies to achieve these. The teaching approach will be based on you developing a deep understanding of the principles and the ability to independently solve problems. Also included within the unit will be a focus upon increasing your digital literacy and advanced communication skills, with creativity and innovation being embraced.

Unit Organisation

This is a ten credit point unit run over a 13 week session. Within this session there will be online lectures, online tutorials and meetings with your research supervisor and peers across the semester. Additionally, independent study is integrated across the entire semester. Further information is available in iLearn.

Attendance

In the Faculty of Medicine, Health and Human Sciences professionalism is a key capability embedded in all our programs. As part of developing professionalism, Faculty of Medicine, Health and Human Sciences students are expected to attend all small group interactive sessions including tutorials, live Q and A and research meetings with supervisors.

All live Q and A and tutorials are scheduled in your individual timetable. The timetable for classes can be found on the University web site at: <http://www.timetables.mq.edu.au/>. You may make a request to your tutor to attend a different tutorial on a one-off basis for extenuating circumstances.

Failure to attend any learning and teaching activities, including tutorials and research meetings with your supervisor, may impact your final results. It is your responsibility to contact the unit convenor or research supervisor by email to inform them if you are going to be absent.

Unit materials and readings

There is no compulsory textbook for this unit. Resources will be referred to throughout the unit with specific information provided on the unit iLearn site. You will be expected to independently search for resources relevant to your research project, and your research supervisor will provide guidance as required.

Technology and equipment

Off-campus

To study optimally off campus you will need to have access to a reliable internet connection to retrieve unit information, undertake independent study, participate in online tutorials, research meetings and live Q and A sessions, & to submit assessment tasks.

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.*)

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

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.

Changes from Previous Offering

The previous iteration of this unit (PHTY819 2019) included a module incorporating a seminar series showcasing and evaluating the work of distinguished scientists in physiotherapy and related fields. This module is no longer included within the unit, with a greater emphasis now applied to the development of advanced research skills. Subsequently, assessment tasks have been altered to reflect the change in focus of the unit. Furthermore, all learning and teaching activities have now been moved to the online environment rather than face-to-face.