PHTY8303
Advanced Research Training
Session 2, Weekday attendance, North Ryde 2021
Department of Health Professions

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Notice
Some on-campus classes have moved online for the first two weeks of Session, before returning to campus in Week 3. If you are studying a unit outside of the primary Session 2 timetable, please contact your teaching staff team for further details.

Some classes/teaching activities cannot be moved online and must be taught on campus. To find out if you are enrolled in one of these classes/teaching activities, you can check to see if your unit is on the list of units with mandatory on-campus classes/teaching activities.

Your Unit Convenor will provide more information via an iLearn announcement when your iLearn unit becomes available.
General Information

Unit convenor and teaching staff
Unit convenor
Verity Pacey
verity.pacey@mq.edu.au

Academic mentor
Joel Fuller
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Academic mentor
Emre Ilhan
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Credit points
10

Prerequisites
(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://students.mq.edu.au/important-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 policies.mq.edu.au. Grade descriptors and other information concerning grading requirements are contained in Schedule 1 of the Macquarie University Assessment Policy.

To pass this unit, you must have demonstrated sufficient evidence of achievement of the unit learning outcomes.

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 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 Convenors. You 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.

Grading of Assessments

You will receive a grade for each assessment within this unit. The grades awarded will reflect a holistic evaluation of the work against the criteria outlined within the corresponding assessment rubric. Numerical marks will be calculated for each assessment based on the following percentages, and rounded to the nearest full mark:

- High distinction (HD) – 95%
- Distinction (D) – 80%
- Credit (C) – 70%
- Pass (P) – 60%
- Pass threshold (P-) – 50%
- Fail (F) – 40%
Extensions for Assessment Tasks

Applications for assessment task extensions may be considered for short-term, unexpected, serious, and unavoidable circumstances affecting assessment. Applications must be submitted via www.ask.mq.edu.au. For further details please refer to the Special Considerations Policy. You can also find out more on the MQ Student Portal at the following link: https://students.mq.edu.au/study/assessment-exams/special-consideration.

Should you encounter any personal issues or concerns in regard to health and wellbeing during your studies you can also gain personal support and advice on campus. Please see the following link for further information: https://students.mq.edu.au/support/personal.

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, will incur a deduction of 5% of the overall assessment weighting for the first day, and 5% 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:

<table>
<thead>
<tr>
<th>Due Date</th>
<th>Received</th>
<th>Days Late</th>
<th>Deduction</th>
<th>Raw Mark</th>
<th>Final Mark</th>
</tr>
</thead>
<tbody>
<tr>
<td>Friday, 14th</td>
<td>Monday, 17th</td>
<td>3</td>
<td>15%</td>
<td>75%</td>
<td>60%</td>
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</table>

Assessment Tasks

<table>
<thead>
<tr>
<th>Name</th>
<th>Weighting</th>
<th>Hurdle</th>
<th>Due</th>
</tr>
</thead>
<tbody>
<tr>
<td>Learning plan - part A</td>
<td>10%</td>
<td>No</td>
<td>Week 7</td>
</tr>
<tr>
<td>Project Plan</td>
<td>40%</td>
<td>No</td>
<td>Week 11</td>
</tr>
<tr>
<td>Learning plan - part B</td>
<td>30%</td>
<td>No</td>
<td>Week 13</td>
</tr>
<tr>
<td>Oral Presentation</td>
<td>20%</td>
<td>No</td>
<td>Week 14/15/16</td>
</tr>
</tbody>
</table>

Learning plan - part A

Assessment Type 1: Learning plan
Indicative Time on Task 2: 5 hours
Due: Week 7
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 11
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 14/15/16**
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 Learning Skills Unit for academic skills support.
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. A blended learning and teaching strategy is implemented within this unit with online modules providing content and interactive activities such as quizzes and forums, which is further built upon in campus-based tutorials. 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 the session. Overall, it is anticipated that you spend approximately 150 hours across the session on this unit. Within this session there will be approximately 8 hours of campus-based tutorials, with a further 16 hours of online activities, including preparation for tutorials. You will also spend approximately 60 on your research activities, including academic mentorship for your scientific writing and regular research meetings with your supervisor. You will need to allow approximately 65 hours for assessment based work.

**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 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/](http://www.timetables.mq.edu.au/). You may make a request to your unit convenor to attend a different tutorial on a one-off basis for extenuating circumstances. You will coordinate meetings with your research supervisor and peers individually. You will also have
the option to select a preferred time for an academic writing mentoring session using a group selection online tool.

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.

This unit involves essential on-campus learning activities which will be delivered in accordance with a COVID Safe plan. You are expected to attend campus for these activities unless the Public Health Orders and/or University advice changes, you have any symptoms of COVID or you have been identified as a contact of an individual with COVID.

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

On-campus

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

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 research meetings & to submit assessment tasks via iLearn.

Consultation with staff

All staff will be available for individual consultation. See iLearn for contact details.

Unit Schedule

Across the semester you will engage in tutorials focused on research ethics, integrity, design, data management and scientific writing. Detailed information pertaining to the unit schedule can be found on iLearn.

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). 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). 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 (http://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/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.
Student Enquiry Service
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

Equity 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.

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
With the lessening of the impact of COVID-19, there is an increase in on-campus activities compared to last years offering.

Changes since First Published

<table>
<thead>
<tr>
<th>Date</th>
<th>Description</th>
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<tbody>
<tr>
<td>13/07/2021</td>
<td>Updating COVID related advice for on-campus requirements</td>
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<tr>
<td>01/07/2021</td>
<td>Change to assessment grade</td>
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