HSYP8003
Applied Research Methodologies in Health
Session 2, Special circumstances 2021

Medicine, Health and Human Sciences Faculty level units

Contents

<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Information</td>
<td>2</td>
</tr>
<tr>
<td>Learning Outcomes</td>
<td>2</td>
</tr>
<tr>
<td>General Assessment Information</td>
<td>3</td>
</tr>
<tr>
<td>Assessment Tasks</td>
<td>4</td>
</tr>
<tr>
<td>Delivery and Resources</td>
<td>6</td>
</tr>
<tr>
<td>Policies and Procedures</td>
<td>7</td>
</tr>
</tbody>
</table>

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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.

https://unitguides.mq.edu.au/unit_offerings/135810/unit_guide/print
General Information

Unit convenor and teaching staff
Josephine Chau
josephine.chau@mq.edu.au

Credit points
10

Prerequisites
Admission to MPH or MPH(Res)

Corequisites

Co-badged status

Unit description
In this unit you will develop practical skills to design a Public Health research project. You will build on your previous knowledge of epidemiology and biostatistics particularly in study design; and extend into literature review, selection of research methods including when to use quantitative and qualitative methods and synergies between them, research governance and ethics applications, developing a research proposal, and disseminating research. You will be able to learn these skills and apply them in the context of a research topic in an area of your interest.

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 a systematic approach to purposefully reviewing public health literature to inform research
ULO2: Formulate explicit research questions/objectives relevant to public health enquiry
ULO3: Develop a clear research plan appropriate for answering a postulated research question
ULO4: Demonstrate research communication skills required for the dissemination of research information
General Assessment Information

Information concerning Macquarie University’s assessment policy is available at https://staff.mq.edu.au/work/strategy-planning-and-governance/university-policies-and-procedures/policies/assessment. 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 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 Systems and Populations 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


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 5% per day penalty including weekends and public holidays. If you submit the assessment task 10 days or more beyond the due date, without an approved extension, you will be awarded a maximum of 50% of the overall assessment marks.

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>Saturday 15th</td>
<td>1</td>
<td>5%</td>
<td>75%</td>
<td>70%</td>
</tr>
<tr>
<td>Friday 14th</td>
<td>Monday 17th</td>
<td>3</td>
<td>15%</td>
<td>75%</td>
<td>60%</td>
</tr>
<tr>
<td>Friday 14th</td>
<td>Tuesday 25th</td>
<td>11</td>
<td>55%</td>
<td>75%</td>
<td>50% (capped)</td>
</tr>
</tbody>
</table>
Assessment Tasks

<table>
<thead>
<tr>
<th>Name</th>
<th>Weighting</th>
<th>Hurdle</th>
<th>Due</th>
</tr>
</thead>
<tbody>
<tr>
<td>Develop a research question</td>
<td>5%</td>
<td>No</td>
<td>Post by 11/08/2021 5pm; discussion til 13/08/2021 5pm</td>
</tr>
<tr>
<td>Literature review planning</td>
<td>25%</td>
<td>No</td>
<td>Submit by 03/09/2021, 5pm</td>
</tr>
<tr>
<td>Complete a concept sheet</td>
<td>5%</td>
<td>No</td>
<td>Post by 01/10/2021 5pm; online discussion til 06/10/2021 5pm</td>
</tr>
<tr>
<td>Presentation of research proposal</td>
<td>20%</td>
<td>No</td>
<td>Submit by 26/10/2021 @5pm</td>
</tr>
<tr>
<td>Research proposal</td>
<td>45%</td>
<td>No</td>
<td>Submit by 12/11/2021 5pm</td>
</tr>
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Develop a research question

Assessment Type 1: Participatory task
Indicative Time on Task 2: 5 hours
Due: Post by 11/08/2021 5pm; discussion til 13/08/2021 5pm
Weighting: 5%

Students will submit a proposed research question for peer review and discussion in iLearn.

On successful completion you will be able to:

- Formulate explicit research questions/objectives relevant to public health enquiry

Literature review planning

Assessment Type 1: Plan
Indicative Time on Task 2: 23 hours
Due: Submit by 03/09/2021, 5pm
Weighting: 25%

Completion of literature review search planner.

On successful completion you will be able to:
• Apply a systematic approach to purposefully reviewing public health literature to inform research
• Formulate explicit research questions/objectives relevant to public health enquiry

Complete a concept sheet
Assessment Type ¹: Plan
Indicative Time on Task ²: 8 hours
Due: Post by 01/10/2021 5pm; online discussion til 06/10/2021 5pm
Weighting: 5%

This task will be completed using a concept sheet template. Completion and peer feedback from this task will inform development of the research proposal.

On successful completion you will be able to:
• Formulate explicit research questions/objectives relevant to public health enquiry
• Develop a clear research plan appropriate for answering a postulated research question
• Demonstrate research communication skills required for the dissemination of research information

Presentation of research proposal
Assessment Type ¹: Presentation
Indicative Time on Task ²: 20 hours
Due: Submit by 26/10/2021 @5pm
Weighting: 20%

Seminar style presentation of student research proposals

On successful completion you will be able to:
• Apply a systematic approach to purposefully reviewing public health literature to inform research
• Formulate explicit research questions/objectives relevant to public health enquiry
• Develop a clear research plan appropriate for answering a postulated research question
• Demonstrate research communication skills required for the dissemination of research information
Research proposal

Assessment Type 1: Plan
Indicative Time on Task 2: 40 hours
Due: Submit by 12/11/2021 5pm
Weighting: 45%

Completion of a written research proposal using a template based on MQ Research Protocol Proforma

On successful completion you will be able to:

• Apply a systematic approach to purposefully reviewing public health literature to inform research
• Formulate explicit research questions/objectives relevant to public health enquiry
• Develop a clear research plan appropriate for answering a postulated research question
• Demonstrate research communication skills required for the dissemination of research information

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.

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

Unit Organisation

This is a ten credit point unit run over a 13 week session. Further information is available via the online Learning Management System (LMS) iLearn http://ilearn.mq.edu.

Readings

The readings for each week will be listed in ilearn using the Leganto system. Leganto is the reading list management system, which you can access through your iLearn unit. More information on Leganto is available here: http://libguides.mq.edu.au/leganto

Readings marked as 'required' are essential for completion in the marked week. Some readings
may be included that are marked as 'recommended' or 'secondary sources', these are additional materials that may be of interest to you. Please use these at your discretion.

**Technology and equipment**

**Off-campus**

To study optimally when off campus you will need to have access to a reliable internet connection to retrieve unit information and at times to join interactive sessions (e.g., Zoom) or submit assessment tasks via iLearn.

**On-campus**

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

*Where learning activities (such as tutorials and other small group learning activities) are offered on-campus an online version will be available for those students who choose to continue their studies online (selected via eStudent).*

**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](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/admin/other-resources/student-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](http://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/](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 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 Enquiry Service

For all student enquiries, visit Student Connect at [ask.mq.edu.au](http://ask.mq.edu.au)

If you are a Global MBA student contact [globalmba.support@mq.edu.au](mailto: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/](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](http://www.mq.edu.au/about_us/offices_and_units/information_technology/help/).
The policy applies to all who connect to the MQ network including students.