HSYP8003

Applied Research Methodologies in Health

Session 2, Special circumstance 2020

Medicine, Health and Human Sciences Faculty level units

Contents

Disclaimer

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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
Unit Convenor
Amalie Dyda
amalie.dyda@mq.edu.au
Contact via amalie.dyda@mq.edu.au
75 Talavera Road
By appointment only

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://www.mq.edu.au/study/calendar-of-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

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 https://staff.mq.edu.au/work/strategy-planning-and-governance/university-policies-and-procedures/policies/disruption-to-studies.

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% for the first day including the actual day on which the work is received, and 5% for each subsequent day. Weekends and public holidays are included. Late penalty is capped at 50%. For example:

Due date	Received	Days late	Deduction	Raw mark	Final mark
Friday 14th	Saturday 15th	1	5%	75%	70%
Friday 14th	Monday 17th	3	15%	75%	60%
Friday 14th	Tuesday 25th	11	50% (capped)	75%	25%

Assessment Tasks

Name	Weighting	Hurdle	Due
Develop a research question	5%	No	Week 3
Literature review planning	25%	No	Week 6
Complete a concept sheet	5%	No	Week 8
Presentation of research proposal	20%	No	Week 12
Research proposal	45%	No	Week 14

Develop a research question

Assessment Type [1]: Participatory task
Indicative Time on Task [2]: 5 hours
Due: **Week 3**
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: **Week 6**
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: **Week 8**
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: **Week 12**
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: **Week 14**
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

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[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

Unit Organisation

This is a ten credit point unit run over a 13 week session. Further information is available via the HSYP8003 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 session (eg zoom) or submit assessment tasks via iLearn.

On-campus

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

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-centr

al). 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/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 since First Published

Date	Description
09/07/2020	Re-arrangement of the Assessment Tasks List