PSYP8910

Research Theory and Practice for Professional Psychologists

Session 2, Intensive attendance, North Ryde 2021

Archive (Pre-2022) - Department of Psychology

Contents

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Session 2 Learning and Teaching Update

The decision has been made to conduct study online for the remainder of Session 2 for all units WITHOUT mandatory on-campus learning activities. Exams for Session 2 will also be online where possible to do so.

This is due to the extension of the lockdown orders and to provide certainty around arrangements for the remainder of Session 2. We hope to return to campus beyond Session 2 as soon as it is safe and appropriate to do so.

Some classes/teaching activities cannot be moved online and must be taught on campus. You should already know if you are in one of these classes/teaching activities and your unit convenor will provide you with more information via iLearn. If you want to confirm, see the list of units with mandatory on-campus classes/teaching activities.

Visit the MQ COVID-19 information page for more detail.

General Information

Unit convenor and teaching staff
Joanne Earl
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Credit points
10

Prerequisites
Admission to MProfPsych

Corequisites

Co-badged status

Unit description
The goal of this unit is to provide students with an understanding of aspects of the theory and practice of psychology research most relevant for practicing psychologists. Topics covered include: research design and statistical analysis, including the application of these to quantitative, qualitative and mixed-methods research; evaluating behaviour change in individual cases; improving retention in interventions; critical evaluation of research output; conduct of literature searches and reviews; presentation and dissemination of research findings, such as peer-reviewed scientific journals and academic conferences; ethical considerations in research practice; and applying for research funding. The focus is on practical aspects of the design, conduct and reporting of psychology research. Through a mixture of workshops and independent and group activities and assignments, students are provided with the tools to design, conduct and report findings from applied research and to critically review relevant published research.

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: Review and analyse approaches to research-practice integration as these apply to professional psychology practice.

ULO2: Evaluate the major research approaches utilised in the establishment of evidence-based practice and their application in developing practice-based evidence research.

ULO3: Integrate and synthesise the learning and knowledge of evidence based research design, data processing and methods of statistical analysis to create and evaluate key research designs and questions, including the preparation of research findings for presentation to different potential audiences and/or publication.

ULO4: Analyse and apply the ethical and pragmatic considerations to test hypotheses generated from conducting and reporting of professional psychology practice research.

ULO5: Understand the cultural and diverse ethical issues and obstacles that arise when conducting and reporting of professional psychology practice research.

General Assessment Information

Please see iLearn for a comprehensive set of materials relating to each assignment. Here you will find examples of systematic literature reviews and presentations from previous years.

Assessment Tasks

Name	Weighting	Hurdle	Due
Individual presentation	40%	No	October 20th
Systematic Literature Review	60%	No	September 18th

Individual presentation

Assessment Type [1]: Presentation
Indicative Time on Task [2]: 40 hours
Due: **October 20th**
Weighting: **40%**

The group research proposal is worth 30% and the individual presentation is worth 10%

On successful completion you will be able to:

- Integrate and synthesise the learning and knowledge of evidence based research design, data processing and methods of statistical analysis to create and evaluate key research designs and questions, including the preparation of research findings for presentation to different potential audiences and/or publication.

- Understand the cultural and diverse ethical issues and obstacles that arise when conducting and reporting of professional psychology practice research.

Systematic Literature Review

Assessment Type [1]: Literature review
Indicative Time on Task [2]: 60 hours
Due: **September 18th**
Weighting: **60%**

Students complete a 3000 word systematic literature review on a topic provided, and design an evidenced based intervention based on their review.

On successful completion you will be able to:
- Review and analyse approaches to research-practice integration as these apply to professional psychology practice.
- Evaluate the major research approaches utilised in the establishment of evidence-based practice and their application in developing practice-based evidence research.
- Analyse and apply the ethical and pragmatic considerations to test hypotheses generated from conducting and reporting of professional psychology practice research.

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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

Unlike undergraduate classes in research and design this course is not focused on statistics. Real-life examples of research grants and resources are used to help illustrate community-based projects. You are expected to complete any readings assigned before coming to class so that these can be discussed during the workshops.

Policies and Procedures

Macquarie University policies and procedures are accessible from Policy Central (https://policies.mq.edu.au). 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

Students seeking more policy resources can visit Student Policies (https://students.mq.edu.au/support/study/policies). It is your one-stop-shop for the key policies you need to know about throughout your undergraduate student journey.

To find other policies relating to Teaching and Learning, visit Policy Central (https://policies.mq.edu.au) and use the search tool.

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.

- 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.