

Module code: MOD006278	Version: 6 Date Amended: 07/Jan/2025
-------------------------------	--

1. Module Title
Postgraduate Research Design

2a. Module Leader
Alejandra Letelier

2b. School
School of Medicine

2c. Faculty
Faculty of Health, Medicine and Social Care

3a. Level
7

3b. Module Type
Standard (fine graded)

4a. Credits
30

4b. Study Hours
300

5. Restrictions			
Type	Module Code	Module Name	Condition
Pre-requisites:	None		
Co-requisites:	None		
Exclusions:	None		
Courses to which this module is restricted:			

LEARNING, TEACHING AND ASSESSMENT INFORMATION

6a. Module Description

This module is designed to give participants the tools they need in order to identify and plan research to address a real world problem within their practice, or address a gap in the existing knowledge within their field. It is designed for participants from across the School of Medicine and School of Allied Health and Social Care which is reflected in the diverse content including: evaluating literature, designing research questions, systematic review procedures, qualitative and quantitative research methods and data analysis, issues of rigour and ethical considerations in research.

The aim of the module is to provide a framework which will allow the participant to propose and justify a research question and design appropriate to their professional practice. If they so choose, the student can then conduct this research as part of their courses major project module..

6b. Outline Content

- * Searching, reviewing and critically evaluating literature.
- * Developing and refining research questions.
- * Systematic review procedures.
- * Qualitative and quantitative research methods, sampling, data collections tools and data analysis, including the use of mixed methods.
- * Issues of rigour and ethical considerations in research.
- * Preparing, presenting and justifying a research proposal.

6c. Key Texts/Literature

The reading list to support this module is available at: <https://readinglists.aru.ac.uk/>

6d. Specialist Learning Resources

None

7. Learning Outcomes (threshold standards)		
No.	Type	On successful completion of this module the student will be expected to be able to:
1	Knowledge and Understanding	Identify a suitable research problem, or gap in the knowledge, within their practice
2	Knowledge and Understanding	Critically analyse and identify research methods appropriate for addressing a problem identified within their practice.
3	Knowledge and Understanding	Critically analyse relevant literature to justify the significance of their proposed study and appropriateness of the chosen research methods.
4	Intellectual, practical, affective and transferrable skills	Identify and examine the ethical issues related to their proposed study, making recommendations to minimise the impact of these where possible.
5	Intellectual, practical, affective and transferrable skills	Prepare and defend a research proposal suitable for addressing a problem identified within their practice.

8a. Module Occurrence to which this MDF Refers				
Year	Occurrence	Period	Location	Mode of Delivery
2026/7	ZZF	Template For Face To Face Learning Delivery		Face to Face

8b. Learning Activities for the above Module Occurrence			
Learning Activities	Hours	Learning Outcomes	Details of Duration, frequency and other comments
Lectures	42	1-4	7 x 6 hours classroom sessions
Other teacher managed learning	18	1-5	15 hours of activities available via Canvas. 2 hours (max) tutorial support (face-to-face or virtual) 1 hour meeting with potential project supervisor to discuss development of ideas
Student managed learning	240	1-5	Students to complete personal study to apply the principles learnt in the formal teaching to their own research problem and prepare their proposal.
TOTAL:	300		

9. Assessment for the above Module Occurrence					
Assessment No.	Assessment Method	Learning Outcomes	Weighting (%)	Fine Grade or Pass/Fail	Qualifying Mark (%)
010	Practical	1 2 3 5	100 (%)	Fine Grade	40 (%)
PowerPoint Presentation and oral defence: 15 minute proposal presentation and 15 minute oral defence of proposal.					
Assessment No.	Assessment Method	Learning Outcomes	Weighting (%)	Fine Grade or Pass/Fail	Qualifying Mark (%)
011	Coursework	4	0 (%)	Pass/Fail	100 (%)
In Class Test Quiz - Introduction to Research and Professional Ethics					

In order to pass this module, students are required to achieve an overall mark of 40% (for modules at levels 3, 4, 5 and 6) or 50% (for modules at level 7*). In addition, students are required to: (a) achieve the qualifying mark for each element of fine graded assessment as specified above (b) pass any pass/fail elements [* the pass mark of 50% applies for all module occurrences from the academic year 2024/25 – see Section 3a of this MDF to check the level of the module and Section 8a of this MDF to check the academic year]					
--	--	--	--	--	--