

Unit Outline (Higher Education)

Institute / School: Institute of Health and Wellbeing

Unit Title: Research Methods for Health

Unit ID: HEALT6001

Credit Points: 30.00

Prerequisite(s): Nil

Co-requisite(s): Nil

Exclusion(s): Nil

ASCED: 060301

Description of the Unit:

The unit provides an advanced level exploration of the research process exploring the central issues in designing a research study with a particular emphasis on the conduct of research in the practice-based health sciences. This unit develops understanding of the major theoretical and practical facets of research design focusing on: planning a specific research project, formulating and justifying a research question(s), approaches to social research, selecting an appropriate methodology and sampling procedures to test a research question(s). It also addresses research approaches, ethical and economical considerations in research, technical writing and advanced level information retrieval skills as well as methods of communicating research data in the health science sector.

Grade Scheme: Graded (HD, D, C, P, MF, F, XF)

Work Experience:

No work experience

Placement Component: No

Supplementary Assessment: Yes

Where supplementary assessment is available a student must have failed overall in the Unit but gained a final mark of 45 per cent or above, has completed all major assessment tasks (including all sub-components where a task has multiple parts) as specified in the Unit Description and is not eligible for any other form of supplementary assessment.

Course Level:

Level of Unit in Course	AQF Level of Course					
	5	6	7	8	9	10
Introductory	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Intermediate	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Advanced	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Learning Outcomes:

Knowledge:

- K1.** Evaluate the principles of ethical research and the relationship between research, critical thinking and reflection in the development of knowledge for health care
- K2.** Synthesize the principles of evidence based practice with recognizing the importance of incorporating research evidence into health care
- K3.** Appraise the elements that underpin coherence between the stages of the research process specific to health science research

Skills:

- S1.** Illustrate critical thinking skills and inquiry strategies for the analysis of quality within research for informing health care
- S2.** Critically examine the methodologies associated commonly with the two broad research paradigms used to investigate questions of significance to the health care
- S3.** Construct a specific research question(s) to address a specific research focus

Application of knowledge and skills:

- A1.** Apply the research process for the development of a research proposal incorporating a close examination of ethical, methodological and design related issues for future implementation
- A2.** Construct a critical appraisal of research and evidence based literature for informing the health care.
- A3.** Appraise a research design including a methodology, data collection and analysis methods, ethical considerations developed in order to address a specific research question

Unit Content:

Topics may include: Concepts of knowledge creation in health science research Ethical principles in health sciences Formulating specific research questions Approaches to social research Ensuring coherence between research question and research design Sampling procedures appropriate to a research question Procedures for data analysis appropriate to a research question Communicating research data in the health science sector

Learning Task and Assessment:

Learning Outcomes Assessed	Assessment Tasks	Assessment Type	Weighting
K1, K2, K3, S1, S2, S3, A1, A2, A3	Critical appraisal of selected literature from a relevant area of health sciences research.	Critical Analysis Essay	20 - 40%
K1, K2, K3, S1, S2, S3, A1, A2, A3	Develop a research proposal for research / scholarship in the area of health sciences.	Research Project Proposal	60 - 80%

Adopted Reference Style:

APA ()

Refer to the [library website](#) for more information

Fed Cite - [referencing tool](#)