

Unit Outline (Higher Education)

Institute / School:	Institute of Health and Wellbeing
Unit Title:	Health Professional Research 1
Unit ID:	NHPS2101
Credit Points:	15.00
Prerequisite(s):	(NHPS1401) (HEASP1022 or NHPRH1004) (HEASP1012 or NHPOT1012 or NHPPS1002)
Co-requisite(s):	Nil
Exclusion(s):	(NHPS2402)
ASCED:	061703

Description of the Unit:

This unit introduces undergraduate students to practical and theoretical issues arising in quantitative and qualitative research in allied health. The students will become familiar with the process of research across both qualitative and quantitative traditions including developing researchable questions, choosing an appropriate study design, collecting data, analysing data, presenting and communicating research outcomes.

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

Work Experience:

No work experience

Placement Component:

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	■	■	■	■	■	■
Intermediate	■	■	■	✓	■	■
Advanced	■	■	■	■	■	■

Learning Outcomes:

Knowledge:

- K1.** Explore methodology described in health and medical literature
- K2.** Describe the basic concepts and uses of different quantitative and qualitative research methods in health
- K3.** Identify strengths and limitations of qualitative and quantitative methods

Skills:

- S1.** Conduct appropriate statistical analyses for a given research question
- S2.** Contrast between qualitative and quantitative research methodologies

Application of knowledge and skills:

- A1.** Design a qualitative research study
- A2.** Apply research processes used in quantitative research methods in health

Unit Content:

The Professional Standards for Speech Pathologists in Australia (2020), Speech Pathology Guidelines for Reporting of Aboriginal and Torres Strait Islander Curriculum Development and Inclusions (2018), The Physiotherapy Board of Australia (PBA) Code of Conduct (2014); Physiotherapy practice thresholds in Australia and Aotearoa New Zealand (2015); The Ahpra and National Boards' Shared Code of Conduct (2022)The ; Australian Occupational Therapy Competency Standards (2018) National Quality and Safeguarding Framework (NQSF, 2018), National Safety and Quality Health Service (NSQHS) Standards (2017-2019) and National Aged Care Quality Standards (2019) have substantially informed the syllabus/content of this unit.

Topics may include:

- Essential stages in the research process
- Ethical considerations in health research
- Philosophical foundations
- Formulation of appropriate research questions
- Qualitative study designs (phenomenology; grounded theory; ethnography; narrative; participatory action)
- Quantitative study designs (true experimental; quasiexperimental; pre-experimental; non experimental)
- Sampling methods
- Data collection techniques (measurement; observation; questionnaires, in-depth interview; focus groups; routine sources of data)

- Data analysis (descriptive statistics; inferential statistics; coding; thematic analysis; content analysis)
- Sharing research knowledge before and after research studies are completed

FEDTASKS

Federation University Federation recognises that students require key transferable employability skills to prepare them for their future workplace and society. FEDTASKS (**T**ransferable **A**tttributes **S**kills and **K**nowledge) provide a targeted focus on five key transferable Attributes, Skills, and Knowledge that are embedded within curriculum, developed gradually towards successful measures and interlinked with cross-discipline and Co-operative Learning opportunities. *One or more FEDTASK, transferable Attributes, Skills or Knowledge must be evident in the specified learning outcomes and assessment for each FedUni Unit, and all must be directly assessed in each Course.*

FEDTASK attribute and descriptor		Development and acquisition of FEDTASKS in the Unit	
		Learning Outcomes (KSA)	Assessment task (AT#)
FEDTASK 1 Interpersonal	Students will demonstrate high-level skills to effectively communicate, interact and work with others both individually and in groups Students will be required to display (in person and/or online) high-level skills in-person and/or online in: <ul style="list-style-type: none"> • Effective verbal and non-verbal communication via a range of synchronous and asynchronous methods • Active listening for meaning and influencing • High-level empathy for others • Negotiating and demonstrating extended conflict resolution skills • Working respectfully in cross-cultural and diverse teams 	Not applicable	Not applicable
FEDTASK 2 Leadership	Students will demonstrate the ability to apply leadership skills and behaviours Students will be required to display skills in: <ul style="list-style-type: none"> • Creating, contributing to, and enabling collegial environments • Showing self-awareness and the ability to self-reflect for personal growth • Inspiring and enabling others • Making informed and evidence-based decisions through consultation with others • Displaying initiative and ability to solve problems 	Not applicable	Not applicable
FEDTASK 3 Critical Thinking and Creativity	Students will demonstrate an ability to work in complex and ambiguous environments, using their imagination to create new ideas Students will be required to display skills in: <ul style="list-style-type: none"> • Reflecting critically on complex problems • Synthesising, evaluating ideas, concepts and information • Proposing alternative perspectives to refine ideas • Challenging conventional thinking to clarify concepts through deep inquiry • Proposing creative solutions in problem solving 	Not applicable	Not applicable

FEDTASK attribute and descriptor		Development and acquisition of FEDTASKS in the Unit	
		Learning Outcomes (KSA)	Assessment task (AT#)
FEDTASK 4 Digital Literacy	Students will demonstrate the ability to work proficiently across a range of tools, platforms and applications to achieve a range of tasks Students will be required to display high-level skills in: <ul style="list-style-type: none"> • Finding, accessing, collating, evaluating, managing, curating, organising and appropriately and securely sharing complex digital information at a high-level • Receiving and responding to messages in a range of digital media • Using digital tools appropriately to conduct research • Contributing proficiently to digital teams and working groups • Participating in and utilising digital learning opportunities 	Not applicable	Not applicable
FEDTASK 5 Sustainable and Ethical Mindset	Students will demonstrate the ability to think ethically and sustainably. Students will be required to display skills in: <ul style="list-style-type: none"> • The responsible conduct of research • Making informed judgments that consider the impact of devising solutions in multiple global economic environmental and societal contexts • Demonstrating commitment to social responsibility as a professional and a citizen • Generating research solutions which are sustainable, ethical, socially responsible and/or sustainable • Extending lifelong, life-wide and life-deep learning to be open to diverse others • Demonstrate extended actions to foster sustainability in their professional and personal life. 	Not applicable	Not applicable

Learning Task and Assessment:

Learning Outcomes Assessed	Assessment Tasks	Assessment Type	Weighting
K1, K2, K3	Online quiz covering contents from weeks 1, 2 and 3	Mini quiz	S/U
K1, K2, K3, S2, A1	Demonstrate understanding of planning a research project	Individual research assignment	25-35%
K1, K2, K3, S1, S2, A2	Demonstrate understanding of the research cycle using a provided data set	Group research assignment	20-30%
K1, K2, K3, S1, S2, A1, A2	All topics covered in class and blended learning	Written examination	45-55%

Adopted Reference Style:

APA ()

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

Fed Cite - [referencing tool](#)