

# HLTH 3005 EVIDENCE-BASED PRACTICE

**Credit Points** 10

**Legacy Code** 400865

**Coordinator** Jessica Knox ([https://directory.westernsydney.edu.au/search/name/Jessica Knox/](https://directory.westernsydney.edu.au/search/name/Jessica%20Knox/))

**Description** In this subject, students incorporate previous research and biostatistics knowledge to develop new skills for using evidence to inform all aspects of their professional practice. Evidence-based practice uses an enquiry led approach to manage expanding and uncertain knowledge by formulating answerable questions, effectively searching literature, critically appraising evidence validity and results, and to assess its significance in clinical practice and healthcare decision-making. Students will incorporate evidence in communication and shared decision making processes for patient scenarios relevant to their program.

**School** Health Sciences

**Discipline** Health, Not Elsewhere Classified.

**Student Contribution Band** HECS Band 2 10cp

Check your fees via the Fees ([https://www.westernsydney.edu.au/currentstudents/current\\_students/fees/](https://www.westernsydney.edu.au/currentstudents/current_students/fees/)) page.

**Level** Undergraduate Level 3 subject

**Pre-requisite(s)** Students need to have done HLTH2024 Research Methods in Health PLUS ONE clinical subject from their specific program This will be one of four possible subjects  
Students enrolled in Program Code 4661 (Continuing) or 4708 (Current) must have completed REHA 2007  
Students enrolled in Program Code 4663 (Continuing) or 4711 (Current) must have completed REHA 2004  
Students enrolled in Program Code 4662 (Continuing) or 4706 (Current) must have completed REHA 3003 AND REHA 3049 - Speech Pathology Practice 3 for students enrolled in 4763 - Bachelor of Speech Pathology (First clinical practice subject)

## Restrictions

Students must be enrolled in program Codes 4660,4661, 4662, 4663, 4706, 4708, 4710, 4711. 4763, 4788

## Assumed Knowledge

Knowledge and skills of Foundations of Research & Evidence-based Practice 400863 and Research Methods (Qualitative and Quantitative) 400864 and at least one clinical subject of the student's program.

## Learning Outcomes

On successful completion of this subject, students should be able to:

1. Conduct sensitive and specific PICO search strategies
2. Identify key classification, design and result information from research studies
3. Critically appraise validity and clinical significance of research
4. Justify value of evidence according to its level, quality and applicability
5. Incorporate evidence into clinical reasoning and decision making
6. Negotiate evidence-informed shared decision-making

## Subject Content

1. Exploring reasons for EBP
  - history of EBP development in health care
  - management of professional disagreement, situation effects and bias
  - management of information overload
  - management of uncertainty
2. Appraising evidence
  - for studies of interventions, diagnostic tests, prognosis, experiences and systematic reviews and guidelines
  - level of evidence
  - Internal Validity
  - statistical and clinical significance
  - Generalisability, Applicability and Usefulness
3. Implementing evidence into practice
  - incorporating evidence with expertise, values and situations
  - limitations of EBP paradigm
  - using evidence in clinical reasoning and decision-making
  - communicating evidence to clients
  - evidence-informed shared decision-making
  - evaluation of EBP

## Assessment

The following table summarises the standard assessment tasks for this subject. Please note this is a guide only. Assessment tasks are regularly updated, where there is a difference your Learning Guide takes precedence.

Type	Length	Percent	Threshold	Individual/ Group Task	Mandatory
Report	600 words plus search strategy	25	N	Individual	Y
Viva Voce	Approx. 20 minutes	35	Y	Individual	Y
Final Exam	90 mins	40	N	Individual	Y

## Prescribed Texts

- Hoffman, T., Bennett, S., & Del Mar, C. (2013). Evidence-based practice across the health professions (2nd ed). Sydney, New South Wales: Churchill Livingstone.