

PUBH 3023 EVIDENCE IN PROFESSIONAL REASONING

Credit Points 10

Legacy Code 401384

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Description In this unit, you will incorporate the evidence knowledge and skills developed in previous units into professional practice. The evidence-based practice process manages expanding and uncertain knowledge by formulating answerable questions, effectively searching literature, critically appraising evidence and applying and evaluating its significance in clinical practice and healthcare decision-making. Professional reasoning requires consideration of best available evidence, client or patient perspectives, professional expertise and practice context. You will learn professional reasoning for shared decision-making and safe and effective communication for patient scenarios relevant to your program.

School Health Sciences

Discipline Public Health, Not Elsewhere Classified.

Student Contribution Band HECS Band 2 10cp

Check your HECS Band contribution amount via the Fees (https://www.westernsydney.edu.au/currentstudents/current_students/fees/) page.

Level Undergraduate Level 3 subject

Pre-requisite(s) Students need to have done HLTH 2021 Research Methods PLUS ONE clinical unit from their specific program This will be one of four possible units

HLTH 1012 Evidence in Health

HLTH 2024 Research in Health

REHA 2007 Podiatry Pre-Clinical Students enrolled in Course Code 4661 (Continuing) or 4708 (Current) must have completed this unit

REHA 2004 Occupational Therapy Practice 2 Students enrolled in Course Code 4663 (Continuing) or 4711 (Current) must have completed this unit

REHA 3003 Clinical Education General Students enrolled in Course Code 4662 (Continuing) or 4706 (Current) must have completed this unit

Equivalent Subjects HLTH 3005 Evidence-based Practice

Incompatible Subjects PUBH 4001 Evidence in Professional Reasoning (Honours)

HLTH 4002 Evidence-based Practice (Advanced)

Restrictions Students must be enrolled in one of the programs 4660,4661, 4662, 4663, 4706, 4708, 4710, 4711, 4763 or 4656

Assumed Knowledge

Foundation-level knowledge and skills in research and evidence research methods and clinical knowledge gained in 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 strategy to find best available evidence

2. Justify selection of best available evidence by suitability, strength and relevance
3. Evaluate clinical significance of best available evidence
4. Determine whether the degree of evidence justifies the clinical intervention.
5. Incorporate evidence into professional reasoning and decision making processes
6. Negotiate evidence-informed shared decision-making

Subject Content

- 1.Exploring reasons for Evidence-based practice (EBP)
 - a.Management of professional disagreement, situation effects and bias
 - b.Management of information overload
 - c.Management of information uncertainty
- 2.Appraising evidence in practice

For studies of interventions, diagnostic tests, aetiology, prognosis, and experiences

 - a.Relevance
 - b.Strength of evidence
 - c.Statistical and clinical significance
 - d.Generalisability, applicability and usefulness
 - e.Grading a body of evidence
 - f.PICO Framework
- 3.Professional reasoning
 - a.Relative reasoning between evidence, expertise, patient perspectives and practice context
 - b.Limitations of EBP paradigm
 - c.Communicating evidence to clients
 - d.Evidence-informed shared decision-making
 - e.Evaluation of professional reasoning

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.

Item	Length	Percent	Threshold	Individual/ Group Task
Report	600 words plus 1 search strategy appendix	25	N	Individual
Participation	4 x 2-hour sessions	10	N	Individual
Viva Voce	Maximum 15 minutes	35	Y	Individual
Final Exam	2 hours	30	N	Individual

Prescribed Texts

- Hoffman, T., Bennett, S., & Del Mar, C. (2017). Evidence-based practice across the health professions (3rd ed.). Sydney, New South Wales: Churchill Livingstone. (or any subsequent editions)

Teaching Periods