HLTH 1012 EVIDENCE IN HEALTH

Credit Points 10

Legacy Code 401383

Coordinator Anna Spencer (https://directory.westernsydney.edu.au/search/name/Anna Spencer/)

Description This subject will introduce skills for finding and using the best available evidence in health. This begins with understanding thinking systems, biases and why we often don't accept, or respond, to facts, science and evidence. Students will learn the evidence-based practice process to formulate questions and find appropriate and relevant evidence from the unending amount of information available. The subject covers key concepts in how to read and understand a research paper. Students will develop skills for communicating evidence to strengthen arguments in academic writing and professional practice.

School Health Sciences

Discipline 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 1 subject

Equivalent Subjects HLTH 1001 - Foundations of Research and Evidence-Based Practice HLTH 1002 - Foundations of Research and Evidence-Based Practice (UWSC)

Learning Outcomes

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

1. Recognise personal thinking styles and associated biases;
2. Describe the reasons for the 5 steps of evidence-based practice;
3. Design a sensitive and specific PICO search strategy to find best available evidence;
4. Identify type, level and key research concepts in journal articles;
5. Integrate strength and relevance of evidence findings into academic writing.

Subject Content

1. Critical thinking
- introduction to epistemology
- System 1 and 2 thinking
- Heuristics, biases and certainty
- ?gWhy we don?ft believe The facts?h
- ethics and evidence
- reflective practice
2. Evidence-based Practice (EBP) Process
- 5-Step EBP process
- Step 1 Formulating questions
- Step 2 Sources of evidence
Search strategies
Information literacy
Reader bias
3. How to read a paper
- Article sections

- types of research
- levels of evidence
- key research concepts (e.g. measurement, reliability, Validity, causality, probability)
4. Communicating evidence
- Integrating evidence in writing
- evidence justification
- evidence summaries

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
Intra-session Exam	1 hour	15	N	Individual
Report	No word limit for PICO table/Search strategy/ Selection criteria table. Selection justification = 100 words.	25	N	Individual
Report	800 words	25	N	Individual
Final Exam	2 hours	35	N	Individual

Prescribed Texts

- Greenhalgh, T., Bidewell, J., Crisp, E., Lambros, A. & Warland, J. (2017): Understanding research methods for evidence-based practice (2nd ed.). Milton, Australia: Wiley.

Teaching Periods

Summer A (2022)
Campbelltown
Day
Subject Contact Anna Spencer (https://directory.westernsydney.edu.au/search/name/Anna Spencer/)

View timetable (https://classregistration.westernsydney.edu.au/even/timetable/?subject_code=HLTH1012_22-SUA_CA_D#subjects)

Sydney City Campus - Term 2 (2022)
Sydney City
Day
Subject Contact Anna Spencer (https://directory.westernsydney.edu.au/search/name/Anna Spencer/)

View timetable (https://classregistration.westernsydney.edu.au/even/timetable/?subject_code=HLTH1012_22-SC2_SC_D#subjects)

Spring (2022)
Campbelltown
Day
Subject Contact Aymen El Masri (https://directory.westernsydney.edu.au/search/name/Aymen El Masri/)

View timetable (https://classregistration.westernsydney.edu.au/even/timetable/?subject_code=HLTH1012_22-SPR_CA_D#subjects)

Penrith (Kingswood)
Day
Subject Contact Aymen El Masri (https://directory.westernsydney.edu.au/search/name/Aymen El Masri/)

View timetable (https://classregistration.westernsydney.edu.au/even/timetable/?subject_code=HLTH1012_22-SPR_KW_D#subjects)

Online
Online
Subject Contact Aymen El Masri (https://directory.westernsydney.edu.au/search/name/Aymen El Masri/)

View timetable (https://classregistration.westernsydney.edu.au/even/timetable/?subject_code=HLTH1012_22-SPR_ON_O#subjects)

Summer (2022)
Campbelltown
On-site
Subject Contact Anna Spencer (https://directory.westernsydney.edu.au/search/name/Anna Spencer/)

View timetable (https://classregistration.westernsydney.edu.au/even/timetable/?subject_code=HLTH1012_22-SUM_CA_1#subjects)

Spring (2023)
Campbelltown
On-site
Subject Contact Aymen El Masri (https://directory.westernsydney.edu.au/search/name/Aymen El Masri/)

View timetable (https://classregistration.westernsydney.edu.au/odd/timetable/?subject_code=HLTH1012_23-SPR_CA_1#subjects)

Penrith (Kingswood)
On-site
Subject Contact Aymen El Masri (https://directory.westernsydney.edu.au/search/name/Aymen El Masri/)

View timetable (https://classregistration.westernsydney.edu.au/odd/timetable/?subject_code=HLTH1012_23-SPR_KW_1#subjects)

Online
Online
Subject Contact Aymen El Masri (https://directory.westernsydney.edu.au/search/name/Aymen El Masri/)

View timetable (https://classregistration.westernsydney.edu.au/odd/timetable/?subject_code=HLTH1012_23-SPR_ON_2#subjects)

Sydney City Campus - Term 3 (2023)
Sydney City
On-site
Subject Contact Andrey Zheluk (https://directory.westernsydney.edu.au/search/name/Andrey Zheluk/)

View timetable (https://classregistration.westernsydney.edu.au/odd/timetable/?subject_code=HLTH1012_23-SC3_SC_1#subjects)

Summer (2023)
Campbelltown
On-site
Subject Contact Anna Spencer (https://directory.westernsydney.edu.au/search/name/Anna Spencer/)

View timetable (https://classregistration.westernsydney.edu.au/odd/timetable/?subject_code=HLTH1012_23-SUM_CA_1#subjects)