

Preparing for a Systematic review

Module Code:	RES7006-C
Academic Year:	2018-19
Credit Rating:	30
School:	School of Allied Health Professions and Midwifery
Subject Area:	Research (Allied Health Professions)
FHEQ Level:	FHEQ Level 7 (Masters)

Pre-requisites:

Co-requisites:

Contact Hours

Type	Hours
Lectures	10
Tutorials	10
Laboratory	10
Directed Study	270

Availability Periods

Occurrence	Location/Period
BDB	University of Bradford / Semester 1 (Sep - Jan)
BDA	University of Bradford / Semester 1 (Sep - Jan)
BDA	University of Bradford / Semester 2 (Feb - May)

Module Aims

This module aims to support students to enable them to prepare to undertake a systematic review. A comprehensive approach will be taken to facilitate student knowledge and understanding of the systematic review process. Students will be offered an overview of common research approaches, protocol development, literature search and retrieval, critical appraisal of literature, data extraction, data synthesis and dissemination.

Outline Syllabus

This module will provide an overview of common research approaches and statistical tests used within health and social care research. It will examine the importance of adopting a systematic approach in reviewing and appraising published literature and identify the components of a systematic review. Students will be supported through the stages of designing a systematic review protocol, including development of the review question; search terms; search strategy; identifying and retrieving research evidence; inclusion and exclusion criteria; critical appraisal of research evidence; evidence synthesis and meta-analysis; report writing and dissemination. Through developing an understanding of the process of undertaking a systematic review and its utility in clinical practice, students will develop insight into the value of systematic reviews within health and social care practice, education and research.

Module Learning Outcomes

On successful completion of this module, students will be able to...

- 1 Demonstrate a critical awareness of the elements of a systematic review and its utility within the context of health and social care research, education and practice.
- 2 Differentiate between a range of research approaches and understand their strengths and limitations in order to effectively critique published research studies.
- 3 Differentiate between different statistical tests commonly encountered in published literature and the appropriateness of their usage.
- 4 Describe and evaluate the range of applications of a systematic review in terms of health and social care research.
- 5 Differentiate between a systematic review and a literature review.
- 6 Demonstrate knowledge of meta-analysis.
- 7 Critically appraise the importance and use of systematic reviews in the development of health and social care practice and professional guidelines.
- 8 Critically reflect on own area of health and social care practice and develop a proposal for a systematic review.
- 9 Demonstrate the ability to act as an autonomous self-directed learner to advance your continuing professional development.

Learning, Teaching and Assessment Strategy

The module will comprise of a combination of lectures and tutorials (LO2,3,4,5). Practical skills will be taught through tasks designed to enhance knowledge and understanding of literature searching, critical appraisal, data extraction and synthesis. The tasks will support students to synthesise theoretical concepts and practice (LO1, 2, 3, 4, 5, 6, 7). Independent directed study activities will further support the student in understanding the elements of a systematic review, enabling them to write a review protocol (LO8, 9). For students wishing to complete this module as a distance learning module, e-learning materials relating to academic lectures, tutorials and practical activities will be available as a programme of study. All learning outcomes will be assessed by the open book examination assessment.

Mode of Assessment

Type	Method	Description	Length	Weighting	Final Assess'
Summative	Coursework	Systematic review protocol max 3000 words	0-3000 words	50%	Yes
Summative	Computer-based assessment	Examination - Computer based open book	1 hour	50%	No

Legacy Code (if applicable)

HGR-704T

Reading List

To view Reading List, please go to [rebus:list](#).