Pursuing a Systematic review

Module Code: RES7007-E
Academic Year: 2016-17
Credit Rating: 60
School: Health Studies (not current)
Subject Area: Research (Allied Health Professions)
FHEQ Level: FHEQ Level 7 (Masters)
Module Coordinator: Dr Melanie Cooper

Additional Tutors:

Pre-requisites: HG-R704T, HGR-704T
Co-requisites:

Contact Hours

<table>
<thead>
<tr>
<th>Type</th>
<th>Hours</th>
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<tbody>
<tr>
<td>Lectures</td>
<td>12</td>
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<tr>
<td>Tutorials</td>
<td>12</td>
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<tr>
<td>Directed Study</td>
<td>576</td>
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Availability Periods

<table>
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<tr>
<th>Occurrence</th>
<th>Location/Period</th>
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<tr>
<td>BDA</td>
<td>University of Bradford / Semester 1 (Sep - Jan)</td>
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<td>BDB</td>
<td>University of Bradford / Semester 1 (Sep - Jan)</td>
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<tr>
<td>BDA</td>
<td>University of Bradford / Semester 2 (Feb - May)</td>
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<td>BDB</td>
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Module Aims
To critically utilise knowledge and understanding of secondary research techniques to undertake a systematic review relevant to a health/ social care setting
Outline Syllabus
Revision of the stages of the systematic review process including critical review of literature and appraisal of existing knowledge; formulation of a clearly defined research question for investigation; research ethics, literature retrieval, data extraction, evidence synthesis and meta-analysis. Writing an abstract and writing for publication. Poster design. The reminder of the syllabus will be directed by individual student needs and depend upon the nature and scope of the systematic review. This will be guided by the process of research supervision.

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

1. Critically apply knowledge and understanding of the systematic review process to justify selected approach.

2. Critically defend your question formation, search strategy, data extraction and evidence synthesis and where appropriate meta-analysis.

3. Critically consider and address the potential ethical issues associated with undertaking a systematic review.

4. Demonstrate a thorough, critical and systematic approach to literature retrieval, quality assessment, data extraction, evidence synthesis and meta-analysis.

5. Demonstrate principles in the application of meta-analysis methods and interpretation of findings.

6. Formulate appropriate and balanced conclusions and recommendations to inform professional practice.

7. Demonstrate project and time management skills.

8. Demonstrate independent and autonomous learning and the ability to problem solve.

9. Communicate professionally with peers through development of a journal publication/ poster presentation.

Learning, Teaching and Assessment Strategy
The module will commence with an introductory day and a follow on day, revisiting the key elements of systematic review and article/ poster preparation LO1,2. Students will be allocated a supervisor who will advise and guide them through the systematic review including submitting documentation for ethical approval LO 2,3,4,5,6. Students will be expected to direct their own study whilst undertaking a systematic review using the online resources available LO7,8. Feedback on progress will be provided either through electronic communication or individual tutorials. Assessment mode 1 will assess LO 1-8. Assessment mode 2 will assess LO 6,7,8,9

Mode of Assessment

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<tr>
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<th>Method</th>
<th>Description</th>
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<th>Weighting</th>
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<tr>
<td>Summative</td>
<td>Dissertation or</td>
<td>12,000 word systematic review</td>
<td>0 hours</td>
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Project Report

Summative  Coursework  Journal article to be submitted to selected Journal OR 250 word abstract and poster presentation aimed at a conference  0 hours  30%

Legacy Code (if applicable)
HGR-705Z

Reading List
To view Reading List, please go to rebus:list.