MODULE SPECIFICATION

KEY FACTS

<table>
<thead>
<tr>
<th>Module name</th>
<th>Advanced Research Methods</th>
</tr>
</thead>
<tbody>
<tr>
<td>Module code</td>
<td>HRM002</td>
</tr>
<tr>
<td>School</td>
<td>School of Health Sciences</td>
</tr>
<tr>
<td>Department or equivalent</td>
<td>Division of Health Services Research and Management</td>
</tr>
<tr>
<td>UK credits</td>
<td>15</td>
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<tr>
<td>ECTS</td>
<td>7.5</td>
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<tr>
<td>Level</td>
<td>7</td>
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MODULE SUMMARY

Module outline and aims

The module builds on the work completed in Introduction to Research Methods and Data Analysis (HRM001). The module aims to further develop your understanding of research methods in a health context, introducing more complex forms of study design and higher-level methods of appraisal and review of literature. Several research methods will be examined in-depth with consideration of both quantitative and qualitative methods. You will be guided and supported to develop the skills required by professional researchers to disseminate research plans and findings in a range of contexts.

Content outline

- Advanced qualitative research methods (e.g. Interpretative Phenomenological Analysis (IPA), theory and method of triangulation, systematic analyses of discourse, Grounded Theory)
- Randomised Controlled Trials (understanding purpose and design)
- Single case design and small sample studies (purpose, design, interpretation)
- Systematic review and meta-analysis (to support evidence based decisions)
- Mixed methods designs (how to appropriately combine quantitative and qualitative approaches)
- Principles of health economics
- Disseminating research findings (writing for publication, poster presentations and oral presentations)

Prerequisite and co-requisite modules

Students are required to have successfully completed the HRM001 Introduction to Research Methods and Data Analyses Module prior to taking this module, and are expected to undertake the HRM003 Advanced Applied Data Analysis in parallel to this course.
WHAT WILL I BE EXPECTED TO ACHIEVE?

On successful completion of this module, you will be expected to be able to:

Knowledge and understanding:
- Demonstrate an in-depth knowledge of advanced quantitative research methods
- Demonstrate an in-depth knowledge of advanced qualitative research methods
- Demonstrate an understanding of health economics measurements

Skills:
- Demonstrate the ability to design meaningful and original health related research
- Produce high quality written and oral presentation of research
- Demonstrate the ability to engage confidently in academic and professional communication with others
- Demonstrate the ability to manage time effectively and meet specific deadlines

Values and attitudes:
- Demonstrate excellent awareness of ethical issues related to research
- Show respect for research participants and colleagues

HOW WILL I LEARN?

Teaching and learning is undertaken via a mix of lectures, class discussions, seminars, student presentations, poster presentations, case study analysis, interactive computer based exercises, a virtual learning environment and self-directed learning.

Teaching pattern:

<table>
<thead>
<tr>
<th>Teaching component</th>
<th>Teaching type</th>
<th>Contact hours (scheduled)</th>
<th>Self-directed study hours (independent)</th>
<th>Placement hours</th>
<th>Total student learning hours</th>
</tr>
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<tbody>
<tr>
<td>Advanced Research Methods</td>
<td>Lecture</td>
<td>20</td>
<td>60</td>
<td>0</td>
<td>80</td>
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<td>Advanced Research Methods</td>
<td>Seminar</td>
<td>10</td>
<td>60</td>
<td>0</td>
<td>70</td>
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</table>

Totals: 30 120 0 150
WHAT TYPES OF ASSESSMENT AND FEEDBACK CAN I EXPECT?

Assessment

1. A critical evaluation of research design. This will constitute 100% of your module mark.

Assessment pattern:

<table>
<thead>
<tr>
<th>Assessment component</th>
<th>Assessment type</th>
<th>Weighting</th>
<th>Minimum qualifying mark</th>
<th>Pass/Fail?</th>
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<tbody>
<tr>
<td>Research Design</td>
<td>Coursework Written</td>
<td>100%</td>
<td>50%</td>
<td>N/A</td>
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Assessment criteria

Assessment Criteria and Grade-Related Criteria for module assessments will be made available prior to an assessment taking place. More information will be available from the module leader.

Feedback on assessment

Following an assessment, marks and feedback will be provided in line with the Assessment Regulations and Policy. More information on the timing and type of feedback that will be provided for each assessment will be available from the module leader.

Assessment regulations

The pass mark for the module is 50%. Any minimum qualifying marks for specific assessments are listed in the table above. The weighting of the different components can also be found above. The Programme Specification contains information on what happens if you fail an assessment component or the module.

INDICATIVE READING LIST


Version: 2.0
Version date: August 2014
For use by: 2014-15

**Appendix:**

<table>
<thead>
<tr>
<th>CODES</th>
<th>Description</th>
<th>Price Group</th>
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<tr>
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<td>Description</td>
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</tr>
<tr>
<td>B</td>
<td>Subjects Allied to Medicine</td>
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<table>
<thead>
<tr>
<th>JACS Code</th>
<th>Description</th>
<th>Percentage (%)</th>
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<tbody>
<tr>
<td>G311</td>
<td>Medical Statistics</td>
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