

Summary Information

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| Module Code | 70102PQHEA |
| Formal Module Title | Research Methodology, Methods and Data Analysis |
| Owning School | Nursing and Allied Health |
| Career | Postgraduate Taught |
| Credits | 30 |
| Academic level | FHEQ Level 7 |
| Grading Schema | 50 |

Module Contacts

Module Leader

| Contact Name | Applies to all offerings | Offerings |
|----------------|--------------------------|-----------|
| Sarah Shardlow | Yes | N/A |

Module Team Member

| Contact Name | Applies to all offerings | Offerings |
|--------------|--------------------------|-----------|
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Partner Module Team

| Contact Name | Applies to all offerings | Offerings |
|--------------|--------------------------|-----------|
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Teaching Responsibility

| LJMU Schools involved in Delivery |
|-----------------------------------|
| Nursing and Allied Health |

Learning Methods

| Learning Method Type | Hours |
|----------------------|-------|
|----------------------|-------|

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|----------|----|
| Lecture | 24 |
| Seminar | 2 |
| Tutorial | 1 |
| Workshop | 3 |

Module Offering(s)

| Offering Code | Location | Start Month | Duration |
|---------------|----------|-------------|----------|
| SEP-CTY | CTY | September | 12 Weeks |

Aims and Outcomes

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|-------------|---|
| Aims | 1.To provide a critical knowledge base of the philosophical foundations of health and social research. 2.To enable the student to develop expertise in a qualitative and quantitative data analysis. 3.To prepare the student to carry out empirical and literature based research. |
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Learning Outcomes

After completing the module the student should be able to:

| Code | Description |
|------|---|
| MLO1 | Critically discuss the philosophical perspectives that underpin health and social research. |
| MLO2 | Define and justify appropriate research questions. |
| MLO3 | Critically evaluate data collection techniques. |
| MLO4 | Identify and systematically interrogate research evidence. |
| MLO5 | Analyse numerical and non-numerical data. |
| MLO6 | Critically explore the ethical dimensions of research. |
| MLO7 | Analyse the relationship between research and the socio-political environment. |

Module Content

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| Outline Syllabus |
| <ul style="list-style-type: none"> •Philosophy of research •The relationship between research and the social, political and economic environment •Positivist and interpretative perspectives in research •Action research •Qualitative methods, data collection & analysis •Quantitative methods, data collection & analysis •The research process: asking research questions, research design, data collection, dissemination •The research process: funding and support, peer review, policy development •Ethics |

Module Overview

This module aims to develop your research skills in the field of health and social care practice. It also enables you to systematically evaluate research outcomes from a variety of sources. The module:

provides a critical knowledge base of the philosophical foundations of health and social research

enables you to develop expertise in qualitative and quantitative data analysis

enables you to carry out empirical and literature-based research

Additional Information

This module encourages students to develop their skills as a potential producer of research, as well as their ability to systematically evaluate research outcomes from a variety of sources. In addition, students will engage in a variety of data analysis techniques. The module is firmly based in a thorough philosophical understanding of the nature of research and its implications in health and social care practice.

Assessments

| Assignment Category | Assessment Name | Weight | Exam/Test Length (hours) | Learning Outcome Mapping |
|---------------------|----------------------------|--------|--------------------------|--------------------------|
| Essay | Methodology Debate | 40 | 0 | MLO1, MLO6, MLO7 |
| Portfolio | Protocol - Research Design | 40 | 0 | MLO2, MLO4, MLO3 |
| Report | Data Analysis | 20 | 0 | MLO5 |