

## Liverpool John Moores University

Title: APPLIED RESEARCH METHODS IN HEALTH  
Status: Definitive  
Code: **7002MRADV** (106879)  
Version Start Date: 01-08-2014

Owning School/Faculty: Nursing and Allied Health  
Teaching School/Faculty: Nursing and Allied Health

Team	Leader
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**Academic Level:** FHEQ7  
**Credit Value:** 20.00  
**Total Delivered Hours:** 32.00  
**Total Learning Hours:** 200  
**Private Study:** 168

### Delivery Options

Course typically offered: Semester 1

Component	Contact Hours
Lecture	24.000
Tutorial	2.000
Workshop	6.000

**Grading Basis:** 40 %

### Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Essay	AS1	Coursework: 100% Coursework: 100% Coursework of no more than 5000 words. This involves writing 5 research protocols from 10 given scenarios	100.0	

### Aims

1. A comprehensive overview of both qualitative and quantitative research methods
2. the necessary skills and knowledge to carry out an empirical study at post-graduate level.

## Learning Outcomes

After completing the module the student should be able to:

- 1 Critically analyse the philosophical and practical issues that underpin competing paradigms in research methodology.
- 2 Differentiate and examine the role of basic and applied research in the study of health and healthcare
- 3 Select and justify appropriate research designs and data collection techniques in relation to research questions
- 4 Demonstrate an ability to construct a research proposal/protocol
- 5 Demonstrate an ability to conduct research ethically as outlined by the Research Governance and other ethical codes and regulations

## Learning Outcomes of Assessments

The assessment item list is assessed via the learning outcomes listed:

Writing 5 protocols out of 10.      1    2    3    4    5

## Outline Syllabus

*Taxonomy of knowledge, competing paradigms and epistemology*  
*The interdependence of theory, research and application*  
*Importance of applied and basic research in the context of health and healthcare*  
*Qualitative and quantitative research designs*  
*Qualitative and quantitative data collection techniques*  
*Ethical issues in research and Research Governance*  
*Formulating research questions*  
*Sampling strategies*  
*Questionnaire design*  
*Reading and evaluating research reports*  
*Nature of evidence*  
*Developing research proposals/protocols*

## Learning Activities

This module intends to build on previous knowledge. Various approaches will be used in the delivery of this module including lectures, seminar, practical, discussions and problem-solving.

## References

<b>Course Material</b>	Book
<b>Author</b>	Macnee, C. L. & McCabe, S.
<b>Publishing Year</b>	2008

<b>Title</b>	'Understanding Nursing Research
<b>Subtitle</b>	Reading and Using Research in Evidence-Based Practice
<b>Edition</b>	
<b>Publisher</b>	Lippincott, Williams & Wilkins
<b>ISBN</b>	

<b>Course Material</b>	Book
<b>Author</b>	Polit, D. F. & Beck, C. T.
<b>Publishing Year</b>	2006
<b>Title</b>	'Essentials of Nursing Research
<b>Subtitle</b>	Methods, Appraisal, and Utilization
<b>Edition</b>	
<b>Publisher</b>	Lippincott, Williams & Wilkins
<b>ISBN</b>	

<b>Course Material</b>	Book
<b>Author</b>	Stommel, M. & Wills, C. E.
<b>Publishing Year</b>	2004
<b>Title</b>	'Clinical Research
<b>Subtitle</b>	Concepts and Principles for Advanced Nurses
<b>Edition</b>	
<b>Publisher</b>	Lippincott, Williams & Wilkins
<b>ISBN</b>	

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## Notes

This module examines various methodological approaches and data collection techniques both from the qualitative and quantitative perspectives, in order to equip the students with the necessary skills and knowledge to carry out an empirical study at post-graduate level.