

Module Information

2022.01, Approved

Summary Information

Module Code	7008MRESHW
Formal Module Title	Fundamentals of Quantitative Research
Owning School	Nursing and Allied Health
Career	Postgraduate Taught
Credits	30
Academic level	FHEQ Level 7
Grading Schema	50

Teaching Responsibility

LJMU Schools involved in Delivery
Nursing and Allied Health

Learning Methods

Learning Method Type	Hours
Lecture	15
Online	10
Seminar	10
Tutorial	5

Module Offering(s)

Display Name	Location	Start Month	Duration Number Duration Unit
JAN-CTY	CTY	January	12 Weeks

Aims and Outcomes

Aims	The aim of the module is to provide the student with a practical understanding of the quantitative research methods used in health related research.
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After completing the module the student should be able to:

Learning Outcomes

Code	Number	Description
MLO1	1	Critically appraise and evaluate a range of quantitative research designs and select those appropriate for a specified research question/hypothesis
MLO2	2	Demonstrate a systematic understanding of a chosen study design that allows the student to answer a research question/ test a hypothesis
MLO3	3	Demonstrate a comprehensive understanding of the different forms of bias in quantitative research design
MLO4	4	Critically appraise a range of descriptive and inferential statistical analyses undertaken in quantitative research and select those appropriate to the research design and data

Module Content

Outline Syllabus	Philosophical/ontological arguments Data collection tools and methods Data analysis methods Mixed methods Statistics SPSS
Module Overview	This module will provide you with a practical understanding of the quantitative research methods used in health-related research.
Additional Information	The aim of the module is to provide the student with a practical understanding of the quantitative research methods used in health related research.

Assessments

Assignment Category	Assessment Name	Weight	Exam/Test Length (hours)	Module Learning Outcome Mapping
Essay	Research proposal 3500 words	60	0	MLO4, MLO3, MLO1, MLO2
Centralised Exam	Statistics report 2000 words	40	0	MLO4, MLO3, MLO2

Module Contacts

Module Leader

Contact Name	Applies to all offerings	Offerings
Gordon Hay	Yes	N/A

Partner Module Team

Contact Name	Applies to all offerings	Offerings
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