

Liverpool John Moores University

Title: RESEARCH METHODS AND DATA ANALYSIS
Status: Definitive
Code: **7507SACADV** (110228)
Version Start Date: 01-08-2014

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

Team	Leader
Ivan Gee	Y

Academic Level: FHEQ7
Credit Value: 30.00
Total Delivered Hours: 288.00
Total Learning Hours: 300
Private Study: 12

Delivery Options

Course typically offered: Runs Twice - S1 & S2

Component	Contact Hours
Lecture	30.000
Online	256.000
Tutorial	2.000

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Portfolio	AS1	production of a research proposal	50.0	
Report	AS2	Coursework: Write a research report using conventional methods using a set of fictitious data that will be provided (no more than 3000 words).	50.0	

Aims

This programme aims to provide a critical knowledge base of the philosophy and underpinning assumptions of health and social research. It will also prepare

students to carry out empirical and literature based research within healthcare

Learning Outcomes

After completing the module the student should be able to:

- 1 Demonstrate a critical understanding of the key paradigms in health and social research.
- 2 Demonstrate the ability to analyse quantitative and qualitative data.
- 3 Select and justify appropriate methods for a given topic or research question

Learning Outcomes of Assessments

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

portfolio	3	
report	1	2

Outline Syllabus

Research paradigms and methods; systematic reviews; evaluation of health research; research ethics; quantitative and qualitative research methods; handling qualitative data - content analysis and thematic framework; handling quantitative data - descriptive and inferential statistics; writing research protocols.

Learning Activities

IT based sessions for practical work; broken lecture format; tutorials; group work; simulations and scenarios.

References

Course Material	Book
Author	Breakwell,G
Publishing Year	2006
Title	Research methods in psychology
Subtitle	
Edition	
Publisher	Sage
ISBN	

Course Material	Book
Author	Bryman,A
Publishing Year	2005
Title	Quantitative data analysis with SPSS
Subtitle	

Edition	
Publisher	Routledge
ISBN	

Course Material	Book
Author	Corston R
Publishing Year	2003
Title	A crash course in SPSS
Subtitle	
Edition	
Publisher	Blackwell
ISBN	

Course Material	Book
Author	Sim,J
Publishing Year	2000
Title	Research in healthcare
Subtitle	
Edition	
Publisher	Stanley Thornes
ISBN	

Course Material	Book
Author	Stommel,M
Publishing Year	2004
Title	Clinical Research
Subtitle	
Edition	
Publisher	Lippincott Williams
ISBN	

Notes

This module will give students a critical understanding of the philosophy and methods of health and social research. It will also cover the procedures involved in qualitative and quantitative data analysis which will prepare the students to select appropriate research methodologies for a chosen topic.