

Liverpool John Moores University

Title: Research Methodology
Status: Definitive
Code: **6506DAUNU** (128005)
Version Start Date: 01-08-2021

Owning School/Faculty: Nursing and Allied Health
Teaching School/Faculty: Dar Al-Uloom University

Team	Leader
Sean Mackay	Y

Academic Level: FHEQ6
Credit Value: 20
Total Delivered Hours: 61
Total Learning Hours: 200
Private Study: 139

Delivery Options

Course typically offered: S1 & S2 & Summer

Component	Contact Hours
Lecture	20
Practical	20
Tutorial	20

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Exam	Exam	The mid term exam covers the syllabus completed at that stage, allowing students to gauge their progress in the module	30	1
Practice	Practical	Sample clinical data will be provided for analysis	30	
Presentation	Pres	An oral presentation of the research proposal (10 minutes)	20	
Report	Proposal	The research proposal (3000 words)	20	

Aims

To provide students with an understanding of the principles and procedures of conducting research

Learning Outcomes

After completing the module the student should be able to:

- 1 Critically explore principles of research
- 2 Critically apply the basic principles of statistics in health research
- 3 Identify and apply appropriate methods of research
- 4 Explain validity and reliability as applied to health research
- 5 Devise a research project

Learning Outcomes of Assessments

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

Mid term exam	1	3			
Analysis of clinical data	2	4			
Oral presentation	1	2	3	4	5
Research proposal	1	2	3	4	5

Outline Syllabus

*The different procedures in research including identifying a problem, formatting a research question, generating hypotheses, searching the literature, collecting data, selecting valid and reliable methods, critically assess the findings and interpreting results, constructing figures and tables, and writing the research report
Using statistical methods in research - statistical methods, SPSS and SAS programs, interpreting statistical reports.*

Learning Activities

Lectures, practical computer based sessions (e.g. SPSS), tutorials

Notes

** Note: 5506DAUNU is a pre-requisite for this module, and must be successfully completed before registering for this module. **

This module seeks to support the student to apply principles of research design and report writing. Data analysis will be demonstrated using existing data sets.