

Summary Information

Module Code	4091SPS
Formal Module Title	Research Methods 1
Owning School	Sport and Exercise Sciences
Career	Undergraduate
Credits	20
Academic level	FHEQ Level 4
Grading Schema	40

Module Contacts

Module Leader

Contact Name	Applies to all offerings	Offerings
Theodoros Bampouras	Yes	N/A

Module Team Member

Contact Name	Applies to all offerings	Offerings
Milly Blundell	Yes	N/A
Jonathan Foulkes	Yes	N/A

Partner Module Team

Contact Name	Applies to all offerings	Offerings
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Teaching Responsibility

LJMU Schools involved in Delivery
Sport and Exercise Sciences

Learning Methods

Learning Method Type	Hours
Lecture	42
Practical	7
Tutorial	10

Module Offering(s)

Offering Code	Location	Start Month	Duration
JAN-CTY	CTY	January	12 Weeks

Aims and Outcomes

Aims	The aim of this module is to introduce the fundamental concepts of research methods, along with covering the basic application and interpretation of various data analysis techniques.
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Learning Outcomes

After completing the module the student should be able to:

Code	Description
MLO1	Identify various aspects of the different types of research design
MLO2	Apply, interpret and report a variety of analysis techniques

Module Content

Outline Syllabus
Research Designs: Approaches to research (Quantitative, Qualitative, Mixed Methods) Types of Research (e.g., Descriptive, Experimental, Analytical, Case Study, Narrative, ethnography); Types of research design (including threats to internal and external validity). Data handling: Measurements and types of data (including validity, reliability and objectivity); Exploring and summarizing data. Quantitative Methods and Analyses: Percentiles and standard scores (e.g. Z scores), confidence intervals, difference tests, correlation and regression, Chi-squared and risk Qualitative Methods and Analyses: Methods (e.g., interviews, focus groups); analysis (e.g., Thematic analysis).

Module Overview

Additional Information
BUES, BPS and AfN mapped.

Assessments

Assignment Category	Assessment Name	Weight	Exam/Test Length (hours)	Learning Outcome Mapping
Test	In-class Test	30	0	MLO1, MLO2
Centralised Exam	Written Exam	70	2	MLO1, MLO2