

Summary Information

Module Code	5504SPOPID
Formal Module Title	Research Methods 2
Owning School	Sport and Exercise Sciences
Career	Undergraduate
Credits	20
Academic level	FHEQ Level 5
Grading Schema	40

Module Contacts

Module Leader

Contact Name	Applies to all offerings	Offerings
Dominic Doran	Yes	N/A

Module Team Member

Contact Name	Applies to all offerings	Offerings
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Partner Module Team

Contact Name	Applies to all offerings	Offerings
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Teaching Responsibility

LJMU Schools involved in Delivery
LJMU Partner Taught

Partner Teaching Institution

Institution Name
Portobello Institute

Learning Methods

Learning Method Type	Hours
Lecture	19
Practical	7
Tutorial	5
Workshop	12

Module Offering(s)

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

Aims and Outcomes

Aims	The module aims to develop an understanding of the key issues and concepts underpinning different types of research. This will include a development of both quantitative and qualitative research methods as well as data analysis procedures.
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Learning Outcomes

After completing the module the student should be able to:

Code	Description
MLO1	Evaluate research design and methods.
MLO2	Apply and interpret data analysis approaches and procedures.

Module Content

Outline Syllabus
Strategies of research: qualitative, descriptive and experimental. Validity and reliability of research methods. Advanced statistical procedures. Ethics and informed consent.

Module Overview

Additional Information

The module aims to develop an understanding of the key issues and concepts underpinning different types of research. This will include a development of both quantitative and qualitative research methods as well as data analysis procedures. The Association for Nutrition (AfN) competencies covered in this module include: CC1i - Ability to plan, conduct, analyse and report on investigations into an aspect of nutrition in a responsible, safe and ethical manner CC1m - Ability to carry out sample selection and to ensure validity, accuracy, calibration, precision, replicability and highlight uncertainty during collection in accordance with the basic principles of good clinical practice. CC1n - Ability to obtain, record, collate, analyse, interpret and report nutrition-related data using appropriate qualitative and quantitative research and statistical methods in the field and/or laboratory and/or intervention studies, working individually or in a group, as is most appropriate for the discipline under study. CC1o - Prepare, process, interpret and present data, using appropriate qualitative and quantitative techniques, statistical programmes, spreadsheets and programs for presenting data visually. CC1p - Health research methods, dietary nutrition methodologies and nutritional epidemiology for either human or animal systems.

Assessments

Assignment Category	Assessment Name	Weight	Exam/Test Length (hours)	Learning Outcome Mapping
Portfolio	Portfolio	50	0	MLO1, MLO2
Exam	Examination	50	1.5	MLO1, MLO2