

Liverpool John Moores University

Title: Research Development
Status: Definitive
Code: **5506SPRT** (128439)
Version Start Date: 01-08-2021

Owning School/Faculty: Sport and Exercise Sciences
Teaching School/Faculty: Nelson and Colne College Group

Team	Leader
Ian Sadler	

Academic Level: FHEQ5
Credit Value: 20
Total Delivered Hours: 48
Total Learning Hours: 200
Private Study: 152

Delivery Options

Course typically offered: Runs Twice - S1 & S2

Component	Contact Hours
Lecture	15
Seminar	15
Workshop	18

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Report	ASS1	Written Report (2500 words)	60	
Presentation	ASS2	Proposal Presentation (15-min)	40	

Aims

The module aims to extend students' knowledge and skills needed to perform applied research of sufficient quality and rigour to make a valuable contribution to their academic field. Students will continue to study both the conceptual issues and practical considerations through the entire process of research, including the underlying philosophical debates about the nature of knowledge, theory-building and the production of research problems. The module will also provide students with

practical experience of carrying out a piece of primary research on a self-chosen topic area. It will provide students with an understanding of the ethical issues surrounding the planning, questions and objectives, conducting and presenting research and the suitable collection and analysis of data.

Learning Outcomes

After completing the module the student should be able to:

- 1 Plan, conduct and analyse primary research using methods drawn from quantitative and/or qualitative traditions.
- 2 Examine methods of research objectively with consideration to validity and reliability.
- 3 Recognise different epistemological and ontological assumptions and how these relate to specific designs and methods for empirical research.
- 4 Reflect upon the experiences and skills gained and identify how these can inform future research.

Learning Outcomes of Assessments

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

Written Report	1	2
Oral Presentation	3	4

Outline Syllabus

Approaching and conducting research:

- *Managing research (Planning and preparing for research)*

Methodological issues:

- *Ethical issues (Confidentiality, consent and power issues in the research process)*
- *Study design*
- *Measurement procedures*
- *Sampling*

Dealing with data:

- *Managing, interpreting, analysing and presenting both qualitative and quantitative primary and secondary data.*

Planning for a research project:

- *Structure of the report*
- *Problems and limitations*
- *Devising a work schedule*

A Research Proposal:

- *Contents of a research proposal*

- *The research problem*
- *Objectives of the study*
- *Hypothesis to be tested*

Learning Activities

This module will be delivered using a combination of formal lectures and practical workshops supported by a self-completion workbook and further materials contained on the College's Virtual Learning Environment.

Students will typically receive 15 hours of teaching through lectures that will introduce and outline the conceptual issues for research at every stage of the research process and will aim to stimulate students' interest in critical enquiry. This will be supported by 15 hours of tutorials in which staff will help students to apply learned materials to research activities. 18 hours of interactive workshops will also be provided, aimed at engaging students in the practical and critically-real aspects of performing research.

Students will be given the opportunity to practise data collection and analysis techniques, either in the classroom or ICT suite.

Use of a self-completion, and summatively assessed, workbook will allow students to reflect on the knowledge they have assimilated in each lecture/workshop combination and will serve as a log of their progress as developing researchers.

The VLE will also be used to host additional learning materials, including extra readings and source materials, as well as assessment briefs and a module outline.

Notes

None.