

Liverpool John Moores University

Title: RESEARCH PROJECT
Status: Definitive
Code: **7109SPOSCI** (124258)
Version Start Date: 01-08-2021

Owning School/Faculty: Sport and Exercise Sciences
Teaching School/Faculty: Sport and Exercise Sciences

Team	Leader
Jonathan Jarvis	Y

Academic Level: FHEQ7
Credit Value: 60
Total Delivered Hours: 207
Total Learning Hours: 600
Private Study: 393

Delivery Options

Course typically offered: Standard Year Long

Component	Contact Hours
Lecture	2
Practical	180
Tutorial	25

Grading Basis: 50 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Dissertation	written	Written product	75	
Exam	viva	Viva Examination	25	

Aims

To develop and extend student's knowledge and practical experience of the research process and the use of advanced research skills. This will involve a critical analysis of the methodology and results of research and the assimilation of a research project that demonstrates the ability to plan, design and conduct a piece of independent research within a discipline of sport and exercise science.

Learning Outcomes

After completing the module the student should be able to:

- 1 Demonstrate autonomy and responsibility in conducting independent empirical research
- 2 Critically evaluate the effectiveness of advanced methodologies and use evidence to select approaches that are most appropriate
- 3 Synthesize ideas or information in innovative ways to generate transformative solutions or construct arguments that integrate and extend knowledge
- 4 Demonstrate competency in research governance, including principles of ethical research and laboratory safety
- 5 Exhibit good decision making in the choice and application of data processing and statistical analysis procedures
- 6 Apply, report and interpret statistical analysis of quantitative data

Learning Outcomes of Assessments

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

journal article	1	2	3	4	5	6
viva	1	2	3	4	5	6

Outline Syllabus

Research design and ethical approval.
Conduct independent empirical research project.
Supervision / mentor tutorials.
Viva.

Learning Activities

A research project is identified and designed in consultation with a dissertation supervisor, following which a research proposal / ethics application is made. The student attends regular tutorial sessions with their designated supervisor to facilitate project development and monitor progress. An independent phase of data collection and analysis is undertaken (for which 180 hours of learning activity is allocated) to produce the written product. A viva to critically evaluate the student's understanding of the research and the research process is also undertaken.

Notes

This module requires students to undertake a Master's level independent research project in the Sport and Exercise Science discipline relevant to their programme of study.