

## Liverpool John Moores University

Title: RESEARCH METHODS  
Status: Definitive  
Code: **5032TEF** (103806)  
Version Start Date: 01-08-2016

Owning School/Faculty: Sports Studies, Leisure and Nutrition  
Teaching School/Faculty: Sports Studies, Leisure and Nutrition

Team	Leader
Hazel Andrews	Y

**Academic Level:** FHEQ5      **Credit Value:** 12      **Total Delivered Hours:** 24.5  
**Total Learning Hours:** 120      **Private Study:** 95.5

### Delivery Options

Course typically offered: Runs Twice - S1 & S2

Component	Contact Hours
Lecture	9
Workshop	14

**Grading Basis:** 40 %

### Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Exam	AS1	Examination	40	1.5
Portfolio	AS2	Workshop Portfolio	60	

### Aims

*To develop an understanding of experimental design, quantitative and qualitative research tools and statistics.*

### Learning Outcomes

After completing the module the student should be able to:

- 1 Undertake a comprehensive relevant literature search
- 2 Describe different research methods and appropriate applications
- 3 Analyse research data appropriately
- 4 Summarise key philosophical and theoretical ideas pertinent to the module

### **Learning Outcomes of Assessments**

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

EXAM	2	4		
Portfolio	1	2	3	4

### **Outline Syllabus**

*Philosophical framings; selecting a research topic, ethical considerations; writing a proposal; undertaking a literature search. Experimental design and research methodologies: quantitative and qualitative. Statistics including the use of computer packages (e.g. SPSS).*

### **Learning Activities**

Lectures and workshops will be the main form of student learning activities. Students will be required to work in a group examining abstracts, methods of presentation of results, methods of data analysis and interpretation of results, undertaking practical exercises. Workshops will enable students to use computer-based facilities to input data and analyse results using, for example, SPSS.

### **Notes**

This module will develop an understanding of experimental design, quantitative and qualitative research tools and statistics. It will discuss: selecting a research topic; writing a proposal and undertaking a literature search. It will address analysis and presentation of data including statistics and the use of computer packages (e.g. SPSS) where appropriate.