

Liverpool John Moores University

Title: SKILLS AND PERSPECTIVES IN SCIENCE 1
Status: Definitive
Code: **3413FNDS**CI (125820)
Version Start Date: 01-08-2021

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

Team	Leader
Mark Scott	Y

Academic Level: FHEQ3 **Credit Value:** 20 **Total Delivered Hours:** 53
Total Learning Hours: 200 **Private Study:** 147

Delivery Options

Course typically offered: Semester 1

Component	Contact Hours
Lecture	24
Tutorial	5
Workshop	24

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Presentation	Pres Grp	Group presentation	40	
Portfolio	Data	Portfolio of Data Presentation Skills	60	

Aims

To enable students to develop a range of academic, research and transferable skills related to their programme of study.

To cover a selection of topical subjects in sport and exercise science, forensic anthropology and psychology.

Learning Outcomes

After completing the module the student should be able to:

- 1 Demonstrate an understanding of selected topical issues in sport and exercise science, forensic anthropology and psychology.
- 2 Recognise scientific approaches and how to apply them in order to solve problems.
- 3 Convert raw data to results, apply appropriate descriptive statistics and present data in suitable graphical and tabular form.
- 4 Demonstrate familiarity with basic IT software to produce documents, spreadsheets and presentations of an appropriate standard.

Learning Outcomes of Assessments

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

Group presentation	1		
Portfolio of data skills	2	3	4

Outline Syllabus

A series of lectures in sport and exercise science, forensic anthropology and psychology. The range of subjects

covered will be varied to reflect the interests of individual staff members.

Written communication: report writing, reviewing scientific literature

Numerical reasoning: data handling and presentation and descriptive statistics

Mathematical functions, formulae.

Information literacy & ICT skills: Canvas, tabulation, graphics, email, internet, images, presentation software, SPSS.

Learning Activities

This module will be delivered using a combination of lectures, workshops & tutorials.

Notes

This module aims to develop the basic knowledge and research skills of students on sport and exercise science, forensic anthropology and psychology programmes. Areas covered include scientific perspectives, writing, data handling and statistical analysis.