

Liverpool John Moores University

Title: RESEARCH SKILLS
Status: Definitive
Code: **4101SPOSCI** (123198)
Version Start Date: 01-08-2021

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

Team	Leader
Matthew Andrew	Y
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Academic Level: FHEQ4 **Credit Value:** 20 **Total Delivered Hours:** 48
Total Learning Hours: 200 **Private Study:** 152

Delivery Options

Course typically offered: Semester 1

Component	Contact Hours
Lecture	18
Practical	7
Seminar	4
Tutorial	10
Workshop	9

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Portfolio	Sci Essay	Scientific writing portfolio	60	
Future Focus e-learning task	Self aware	Careers Self Awareness Statement	10	
Presentation	Present	Reflective oral presentation	30	

Aims

The module aims to introduce theoretical concepts underpinning inter-disciplinary applied sport and exercise science practice, and to familiarise and develop computing competency, practical skills and techniques relevant to applied sport and exercise science settings.

To encourage students to engage with the development of employability skills by completing a self-awareness statement.

Learning Outcomes

After completing the module the student should be able to:

- 1 Write in an evidence informed scientific manner using appropriate sentence and paragraph structure and referencing.
- 2 Understand how to collect, present and interpret scientific data.
- 3 Identify and reflect upon the following aspects of self-awareness in respect of personal development and career planning: strengths and weaknesses, motivations and values, ability to work with others.

Learning Outcomes of Assessments

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

Scientific writing portfolio	2	3
Careers Self Awareness	1	
Reflective oral presentation	1	2

Outline Syllabus

What is science?

Types of research

What is data and how is it used?

Scientific Writing

Reading and note taking

Sourcing and referencing appropriate scientific literature

Data and word processing (Microsoft Word, Excel, Powerpoint, Excel)

Library skills

Presentation Skills

Learning Activities

Students are expected to attend time-tabled lectures, tutorials and practical computing sessions and are encouraged to utilise the available directed learning/private study time to get advice from module staff and/or conduct essential

reading. Some of the teaching sessions will require students to engage in personal development tasks. In addition, some teaching sessions will contain workshop based activities where students will be required to use their group collaboration, analytical, and problem solving skills to enhance their own learning and problem solve. Students should complete the required and recommended reading to widen their knowledge and understanding and their ability to apply material. Students will be required to evidence this in the three assessments.

Notes

This module is designed to introduce students to important theoretical concepts and practical skills in applied sport and exercise science practice. This will be evaluated by the completion of the relevant assessment tasks. This module will incorporate support strategies in an attempt to ensure student progression. This will include feed forward and feedback on assessment and personal tutorial support. This module will provide students with the opportunity to complete a careers self-awareness statement.