Module Definition Form (MDF)

Module code: MOD007159	**Version:** 3 **Date Amended:** 24/Mar/2025

1. Module Title
Applied Research Skills

2a. Module Leader
David Stephens

2b. School
School of Psychology, Sport and Sensory Sciences

2c. Faculty
Faculty of Science and Engineering

3a. Level
5

3b. Module Type
Standard (fine graded)

4a. Credits
15

4b. Study Hours
150

5. Restrictions

Type	Module Code	Module Name	Condition
Pre-requisites:	None		
Co-requisites:	None		
Exclusions:	None		
Courses to which this module is restricted:			

LEARNING, TEACHING AND ASSESSMENT INFORMATION

6a. Module Description

Within the discipline of Sport and Exercise Sciences it is well recognised that both Quantitative and Qualitative research designs provide different, but complementary, opportunities for researchers and practitioners to collect and evaluate coaching, health, and exercise data for the perspective or objective review of evidence to inform future applied practice. This module uses active and collaborative learning design that requires you to take the position of a researcher or practitioner (a complex problem solver) and to work through real-world sporting questions that need answering. Working as part of a team you will collaborate and contribute to the answering of these questions through collective negotiation and project management. Your development of these key employability skills is important for, and transferable to, any graduate-level job or post-graduate study. We will develop them together within the context of our subject area (Sport and Exercise Sciences) and the outcomes will support you in the development of your own piece of sustained independent work within your course – The Undergraduate Project module.

6b. Outline Content

- To understand and use Quantitative Research Methods, related to Sport and Exercise Sciences. This will include the description and application of the design, data collection and analysis of quantitative research.
- To understand and use Qualitative Research Methods, related to Sport and Exercise Sciences. This will include the description and application of the design, data collection and analysis of quantitative research.
- Project Management - Planning and Scheduling for the Level 6 project module; Gantt Analysis
- To understand the ethical and legal considerations related to Sport and Exercise Science research.

6c. Key Texts/Literature

The reading list to support this module is available at: https://readinglists.aru.ac.uk/

6d. Specialist Learning Resources

Team-Based Learning Room

SPSS

7. Learning Outcomes (threshold standards)

No.	Type	On successful completion of this module the student will be expected to be able to:
1	Knowledge and Understanding	Appraise quantitative and qualitative research designs
2	Intellectual, practical, affective and transferrable skills	Employ data handling and interpretation skills using various IT resources
3	Intellectual, practical, affective and transferrable skills	Interact effectively within a learning group, giving and receiving information and ideas and modifying responses where appropriate
4	Intellectual, practical, affective and transferrable skills	Communicate effectively, in a manner appropriate for their discipline a clear and ethical proposal for their level 6 independent module.

8a. Module Occurrence to which this MDF Refers				
Year	**Occurrence**	**Period**	**Location**	**Mode of Delivery**
2026/7	ZZF	Template For Face To Face Learning Delivery		Face to Face

8b. Learning Activities for the above Module Occurrence			
Learning Activities	**Hours**	**Learning Outcomes**	**Details of Duration, frequency and other comments**
Lectures	10	1,4	2 hr per week for weeks 1-2 and 8-9 and 12
Other teacher managed learning	28	1-3	2 x 2 hrs per week for weeks 3-7 and 10-11 weeks used for active learning sessions
Student managed learning	112	1-4	Student managed learning hours for the background reading and data collection needed for active learning sessions and the production of assessed work
TOTAL:	150		

9. Assessment for the above Module Occurrence

The assessment for some modules includes a presentation (see below for details on how this particular module is assessed). We recognise that presenting, especially to a large group, can cause significant anxiety or distress for some students. If this may affect you, please contact your Module Leader or the Disability and Neurodiversity Service as early as possible. We will work with you to consider appropriate reasonable adjustments. Depending on your individual needs, these might include, for example, presenting to a smaller group or presenting only to a member of academic staff.

Assessment No.	Assessment Method	Learning Outcomes	Weighting (%)	Fine Grade or Pass/Fail	Qualifying Mark (%)
010	Coursework	1-3	40 (%)	Fine Grade	30 (%)
A portfolio of coursework related to the active learning sessions. 1200-word equivalent					

Assessment No.	Assessment Method	Learning Outcomes	Weighting (%)	Fine Grade or Pass/Fail	Qualifying Mark (%)
011	Coursework	1,4	60 (%)	Fine Grade	30 (%)
Literature review (1800 words equivalent)					

In order to pass this module, students are required to achieve an overall mark of 40% (for modules at levels 3, 4, 5 and 6) or 50% (for modules at level 7*).

In addition, students are required to:
(a) achieve the qualifying mark for each element of fine graded assessment as specified above
(b) pass any pass/fail elements

[* the pass mark of 50% applies for all module occurrences from the academic year 2024/25 – see Section 3a of this MDF to check the level of the module and Section 8a of this MDF to check the academic year]