

Module specification

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Module Code	SIR509
Module Title	Academic discovery – Building strong research ideas
Level	5
Credit value	20
Faculty	SLS
HECoS Code	100475
Cost Code	GACM

Programmes in which module to be offered

BSc (Hons) Sports Injury Rehabilitation	Core
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Pre-requisites

n/a

Breakdown of module hours

Learning and teaching hours	22 hrs
Placement tutor support	0 hrs
Supervised learning e.g. practical classes, workshops	8 hrs
Project supervision (level 6 projects and dissertation modules only)	0 hrs
Total active learning and teaching hours	30 hrs
Placement / work based learning	0 hrs
Guided independent study	170 hrs
Module duration (total hours)	200 hrs

For office use only	
Initial approval date	15/9/22
With effect from date	Sept 22
Date and details of revision	25/6/24 – Updated revalidation approved
Version number	2



Module aims

1. Enrich students' understanding of quantitative and qualitative research design to equip them with the necessary knowledge and skills to be effective independent researchers.
2. Enable students to develop critical understanding of the various research philosophies, ethical considerations, methods and analytic approaches that can be applied within a sport-related research area.
3. Develop analytical skills and evaluative techniques that are required for future study and employment.

Module Learning Outcomes - at the end of this module, students will be able to:

1	Evaluate the research literature pertinent to sport, exercise or health.
2	Propose a set of research questions or hypotheses that are well justified.
3	Explain the justification for the application of various research approaches in quantitative or qualitative research designs.
4	Select appropriate approaches to analysing data by knowledge of relevant procedures.
5	Utilise persuasive techniques to deliver engaging presentations that captivate an audience.
6	Produce an ethics application for an independent research project that is ethically sound.

Assessment

Indicative Assessment Tasks:

Assessment 1: Presentation – 20 minute – Students will deliver a 20-minute oral presentation of their chosen research proposal, where they will be required to explain their justification through synthesis of the scientific research and plan and design all aspects of their independent research.

Assessment 2: Coursework - The student will be expected to complete an ethics application that considers all methodological aspects and considerations for consent, data protection and risk and governance.

Assessment number	Learning Outcomes to be met	Type of assessment	Weighting (%)
1	1, 2, 3, 4, 5	Presentation	100
2	6	Coursework	Pass/fail



Derogations

Students must pass assessment 1 at 40% and pass the second assessment to proceed to level 6.

Learning and Teaching Strategies

A blend of lectures and workshops are the main learning and teaching strategies employed on this module. In line with the university Active Learning Framework Students will be provided with short pre-recorded content prior to each lecture session which will outline the focus of the topic studied.

Indicative Syllabus Outline

Formulating research questions and hypotheses

Research designs

Mixed methods research: designs, methods, types

Qualitative research methods: interviews and focus groups

Quantitative research methods: RCT, quasis, experimental, descriptive, correlational, survey

Methodological and ethical considerations in research; management of risk

Reviewing research literature and critical analysis

Qualitative research analysis: thematic analysis and formatting of results

Quantitative research analysis: statistics and use of SPSS

Ethical approval for research

Indicative Bibliography:

Essential Reads

Jones, I. (2022), *Research Methods for Sports Studies*. 4th ed. London: Routledge.

Other indicative reading

Field, A. (2024), *Discovering Statistics Using IBM SPSS Statistics*. 6th ed. London: SAGE Publications Ltd.

King, N., Horrocks, and C. Brooks, J. (2019), *Interviewing in qualitative research*. London: Sage.



Sparkes, A. C. and Smith, B. (2013), *Qualitative Research Methods in Sport, Exercise and Health: From Process to Product*. London: Routledge.

Williams, C. A. and Wragg, C. (2004), *Data Analysis and Research for Sport and Exercise Science: A Student Guide*. London: Routledge.

Employability – The University Skills Framework

Each module and degree programme are designed to support learners as they develop their graduate skills aligned to the University Skills Framework.

Using the philosophies of the Active Learning Framework (ALF) our 10 skills are embedded within programmes complementing core academic subject knowledge and understanding. Through continuous self-assessment students own their individual skills journey and enhance their employability and career prospects.

This Module forms part of a degree programme that has been mapped against the University Skills Framework

<https://wrexham.ac.uk/progspecs/en/BSc%20Sports%20Injury%20Rehab%20Sept%202024.pdf#page=18>Learners can use this document to identify where and how they are building skills and how they can develop examples of their success.

