

Module specification

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Module Code	SPT417
Module Title	Academic Discovery within the Sport Sciences
Level	4
Credit value	20
Faculty	FSLS
HECoS Code	100433
Cost Code	GASP
Pre-requisite module	N/A

Programmes in which module to be offered

Programme title	Core/Optional/Standalone
BSc (Hons) Sport and Exercise Science	Core
BSc (Hons) Football Coaching and the Performance Specialist	Core
FdSc Sports Coaching and Fitness	Core
FdA Football and Community Development	Core

Breakdown of module hours

Learning and teaching hours	19 hrs
Placement tutor support hours	0 hrs
Supervised learning hours e.g. practical classes, workshops	17 hrs
Project supervision hours	0 hrs
Active learning and teaching hours total	36 hrs
Placement hours	0 hrs
Guided independent study hours	164 hrs
Module duration (Total hours)	200 hrs

Module aims

- Provide opportunities for the identification, evaluation and consolidation of existing skills and competencies in a range of transferable skills.
- Provide opportunities for the practice, development and widening of personal transferable skills which will be appropriate and beneficial for each student's subsequent academic, personal and professional progress.

- Introduce students to a range of relevant software packages that facilitate the research process.
- Understand and appreciate the underpinning philosophies of qualitative and quantitative research.
- Introduce data collection methods that underpin research in sports science.

Module Learning Outcomes

At the end of this module, students will be able to:

1	Demonstrate the primary characteristics of the quantitative research process.
2	Analyse quantitative research data with basic interpretation.
3	Explain the primary characteristics of the qualitative research process.
4	Analyse qualitative research data with basic interpretation.
5	Demonstrate an ability to present assignments appropriately.

Assessment

Indicative Assessment Tasks:

This section outlines the type of assessment task the student will be expected to complete as part of the module. More details will be made available in the relevant academic year

Examination - The students will be required to sit an examination, assessing their knowledge of quantitative research and underlying theory and approaches to research. The exam will be 1hr in length.

Written Assignment - The students will be required to complete a written assignment on a sports performance setting of their choice. (2000 words). They will be required to retrieve qualitative information from several sources, analyse the data collected and present the key findings in report format, this will include any supporting evidence to validate their research.

Assessment number	Learning Outcomes to be met	Type of assessment	Duration/Word Count	Weighting (%)	Alternative assessment, if applicable
1	1 – 2	Examination	1 hour	40	N/A
2	3 - 5	Written Assignment	2000 words	60	N/A

Derogations

N/A

Learning and Teaching Strategies

The module will be delivered using blended learning techniques and the universities Active Learning Framework (ALF). This will include in-person sessions, online video conferencing (synchronous content) and student directed online resources (asynchronous content). The use of workshops and practical exercises will allow students to understand the content and use of the processes being taught. Formative assessment will be incorporated within this module to support the students learning journey, providing a framework and direction for the summative assessments

Welsh Elements

The programmes will be delivered through the medium of English. Students are entitled to submit assessments in the medium of Welsh. If students wish to converse in Welsh, they will be assigned a Welsh speaking personal tutor. Students will be sign posted to relevant opportunities via the VLE and MS Teams page.

Indicative Syllabus Outline

- Introduction to the research process.
- Approaches to research (paradigms)
- Quantitative research, underpinning theory and approach
- Analysis of Quantitative data
- Introduction to SPSS
- Qualitative research, underpinning theory and approach
- Qualitative methods and data collection
- Qualitative Analysis
- Introduction to plagiarism, referencing, citation & credibility of data sources
- Personal Development, self-analysis

Indicative Bibliography

Please note the essential reads and other indicative reading are subject to annual review and update.

Essential Reads

Burns, T., Sinfield, S. (2022), *Essential Study Skills: The Complete Guide to Success at University (5th Edition)*. London: Sage.

Other indicative reading

Andrews, D.L, Mason, D.S., and Silk, M.L. (Eds). (2005), *Qualitative Methods in Sports Studies*. Oxford: Berg.

Field. A. (2024), *Discovering Statistics Using IBM SPSS Statistics*: 6th Ed. London: Sage.

Gratton, C., and Jones, I. (2014), *Research Methods for Sports Studies*. 3rd Ed: London: Routledge.

O'Donoghue, P. (2012), *Statistics for Sport & Exercise Studies*. Oxon, Routledge.

Salkind, N. J. (2018), *Statistics for People Who (Think They) Hate Statistics (6th Edition)*. London: Sage.

Thomas, J.R., Nelson, J.K., and Silverman, S.J. (2015), *Research Methods in Physical Activity (7th Ed)*. Champaign Ill: Human Kinetics.

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

Administrative Information

For office use only	
Initial approval date	08/12/2021
With effect from date	01/09/2022
Date and details of revision	June 2022 – added to newly validated FdSc Coaching: Sport and Fitness programme. 18/07/2025 – module updated with sports validation for Sept 2025
Version number	3