

Module specification

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Refer to guidance notes for completion of each section of the specification.

Module Code	SPT417
Module Title	Academic Discovery within the Sport Sciences
Level	4
Credit value	20
Faculty	FSLS
HECoS Code	100433
Cost Code	GASP

Programmes in which module to be offered

Programme title	Is the module core or option for this programme
BSc (Hons) Applied Sport and Exercise Science	Core
BSc (Hons) Football Coaching and the Performance Specialist	Core
BSc (Hons) Sports Injury Rehabilitation	Core
FdSc Coaching: Sport & Fitness	Core

Pre-requisites

None

Breakdown of module hours

Learning and teaching hours	19 hrs
Placement tutor support	0 hrs
Supervised learning e.g. practical classes, workshops	17 hrs
Project supervision (level 6 projects and dissertation modules only)	0 hrs
Total active learning and teaching hours	36 hrs
Placement / work based learning	0 hrs
Guided independent study	164 hrs
Module duration (total hours)	200 hrs

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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 & Fitness programme
Version number	2

Module aims

This module aims to:

- 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	Demonstrate the ability to analyse quantitative data with basic interpretation
3	Explain the primary characteristics of the qualitative research process
4	Demonstrate the ability to analyse qualitative data with basic interpretation

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 module handbook.

Assessment 1: MCQ. The students will be required to sit an online class based multiple choice test, assessing their knowledge of quantitative research and underlying theory and approaches to research. The test will be 1hr in length.

Assessment 2: Report. The students will be required to complete a report 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 written format, this will include any supporting evidence to validate their research.

Assessment number	Learning Outcomes to be met	Type of assessment	Weighting (%)
1	1, 2	In-class test	50
2	3, 4	Written Assignment	50

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.

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. (2016), *Essential Study Skills: The Complete Guide to Success at University* (4th Ed). London: Sage.

Field. A. (2018), *Discovering Statistics Using IBM SPSS Statistics*: 5th Ed. London: Sage.

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

Other indicative reading

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

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

Employability skills – the Glyndŵr Graduate

Each module and programme is designed to cover core Glyndŵr Graduate Attributes with the aim that each Graduate will leave Glyndŵr having achieved key employability skills as part of their study. The following attributes will be covered within this module either through the content or as part of the assessment. The programme is designed to cover all attributes and each module may cover different areas.

Core Attributes

Engaged
Enterprising
Creative
Ethical

Key Attitudes

Commitment
Curiosity
Resilience
Confidence
Adaptability

Practical Skillsets

Digital Fluency
Organisation
Leadership and Team working
Critical Thinking
Emotional Intelligence
Communication