

Module specification

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

Module Code	SPT523
Module Title	Academic Discovery - Building Strong Research Ideas
Level	5
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) Football Coaching and the Performance Specialist	Core
BSc (Hons) Applied Sport and Exercise Sciences	Core
FdSc Coaching: Sport and Fitness	Core

Pre-requisites

N/A

Breakdown of module hours

Learning and teaching hours	15 hrs
Placement tutor support	0 hrs
Supervised learning e.g. practical classes, workshops	15 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	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...

- Enrich students' understanding of quantitative and qualitative research design to equip them with the necessary knowledge and skills to be effective independent researchers.
- 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.
- 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	Identify research questions and hypotheses from a detailed synthesis of the scientific literature.
2	Explain the justification for the application of various research approaches in quantitative/qualitative research designs.
3	Select appropriate approaches to research including methodology and analysis of data by demonstrating knowledge of relevant procedures.
4	Plan/design an independent research project with a clear understanding of ethical considerations and risk management.

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.

1. 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

project. The student will be expected to consider all methodological aspects and considerations for consent, data protection, risk and governance that are required to gain ethical approval for conducting their research. This oral presentation will be followed by 10 minutes of questioning and further supported with the inclusion of a completed ethics application form (submitted prior to the presentation).

Assessment number	Learning Outcomes to be met	Type of assessment	Weighting (%)
1	1, 2, 3, 4	Presentation	100

Derogations

For BSc (Hons) Football Coaching and the Performance Specialist and BSc (Hons) Applied Sport and Exercise Sciences students the module must be passed at minimum mark 40%, no compensation can be applied.

Learning and Teaching Strategies

Lectures, practical seminars, workshops and field research.

The module will be delivered using blended learning techniques and the university's 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.

All students will be expected to participate in workshops and group work.

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

Formulating research questions and hypotheses
 Hypothesis testing – quantitative vs. qualitative research designs
 Methodological and ethical considerations in research; management of risk
 Data collection tools – design and validation
 Quantitative research:
 Qualitative research
 Constructing a research proposal

Indicative Bibliography:

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

Essential Reads

Braun, V. and Clarke, V. (2013) *Successful qualitative research: a practical guide for beginners*. London: Sage.

Field, A. (2018). *Discovering statistics using IBM SPSS Statistics*: 5th edition. London: Sage.

Field, A. and Hole, G. (2003). *How to design and report experiments*. 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 edition. London: Routledge.

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

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 edition. 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