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

Module Code:	SPT520
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Module Title:	Applied Research Methods
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Level:	5	Credit Value:	20
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Cost Centre(s):	GASP	JACS3 code:	C600
		HECoS code:	100433

Faculty	FSLs	Module Leader:	Vicky Davies
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Scheduled learning and teaching hours	15 hrs
Placement tutor support	0hrs
Supervised learning eg practical classes, workshops	15 hrs
Project supervision (level 6 projects and dissertation modules only)	0 hrs
Total contact hours	30 hrs
Placement / work based learning	0
Guided independent study	170 hrs
Module duration (total hours)	200 hrs

Programme(s) in which to be offered (not including exit awards)	Core	Option
BSc (Hons) Football Coaching and the Performance Specialist	✓	<input type="checkbox"/>
BSc (Hons) Applied Sport and Exercise Sciences	✓	<input type="checkbox"/>

Pre-requisites

Office use only

Initial approval: 01/04/2020

Version no: 1

With effect from: 28/09/2020

Date and details of revision:

Version no:

Module Aims

The 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. This module will 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. Students will 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.

Employability Skills The Wrexham Glyndŵr Graduate	I = included in module content A = included in module assessment N/A = not applicable
CORE ATTRIBUTES	
Engaged	A
Creative	A
Enterprising	A
Ethical	A
KEY ATTITUDES	
Commitment	I
Curiosity	A
Resilient	I
Confidence	A
Adaptability	A
PRACTICAL SKILLSETS	
Digital fluency	A
Organisation	A
Leadership and team working	I
Critical thinking	A
Emotional intelligence	I
Communication	A

Derogations

Module must be passed at minimum mark 40%, no compensation can be applied.

Assessment:

Indicative Assessment Tasks:

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%

Learning and Teaching Strategies:

Lectures, practical seminars, workshops and field research.

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:

Essential reading

Indicative Bibliography:

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.