MODULE DESCRIPTOR

Module Title

Research Concepts In Sport Coaching

Reference	HS3119	Version	1
Created	October 2017	SCQF Level	SCQF 9
Approved	February 2018	SCQF Points	30
Amended		ECTS Points	15

Aims of Module

To provide students with the fundamental knowledge and skills to critically appraise sport coaching evidence and analyse data using both qualitative and quantitative means.

Learning Outcomes for Module

On completion of this module, students are expected to be able to:

1. Apply a systematic approach to critical analysis and evaluation of qualitative literature.
2. Apply a systematic approach to critical analysis and evaluation of quantitative literature.
3. Select and justify appropriate data analysis methods based upon the data and research design context.
4. Analyse, interpret and present qualitative data.
5. Analyse, interpret and present quantitative data.

Indicative Module Content

Introduction to scientific methods; qualitative and quantitative research design; application of the concepts of validity and reliability to the appraisal of research literature; use of critical appraisal tools to systematically evaluate research; role of research and its application; qualitative paradigms; ethnography, phenomenology; thematic analysis; interviews, focus groups, observation; descriptive and inferential statistics including parametric and nonparametric tests (e.g. t-test, ANOVA, Pearson Correlation, Regression, Chi-square, Mann-Whitney U test); use of SPSS to conduct statistical operations.

Module Delivery

Combination of lectures, workshops and journal clubs.

Indicative Student Workload

	Full Time	Part Time
Contact Hours	60	N/A
Non-Contact Hours	240	N/A
Placement/Work-Based Learning Experience [Notional] Hours	N/A	N/A
TOTAL	300	N/A
Actual Placement hours for professional, statutory or regulatory body		

ASSESSMENT PLAN

If a major/minor model is used and box is ticked, % weightings below are indicative only.

Component 1

Type:	Coursework	Weighting:	50%	Outcomes Assessed:	1, 4
Description:					

Component 2

Type:	Coursework	Weighting:	50%	Outcomes Assessed:	2, 3, 5
Description:					

MODULE PERFORMANCE DESCRIPTOR

Explanatory Text

Overall module grade is based on the grades awarded in the two components as follows:

		Coursework:						
		A	**B**	**C**	**D**	**E**	**F**	**NS**
	A	A	A	B	C	E	E	
	B	A	B	B	C	E	E	
	C	B	B	C	C	E	F	
Coursework:	**D**	C	C	C	D	E	F	
	E	E	E	E	E	E	F	
	F	E	E	F	F	F	F	
	NS	Non-submission of work by published deadline or non-attendance for examination						

Module Requirements

Prerequisites for Module	None.
Corequisites for module	None.
Precluded Modules	None.

INDICATIVE BIBLIOGRAPHY

1. THOMAS, J.R. NELSON, J.K. AND SILVERMAN, S.J., 2015. Research methods in physical activity. 7th ed. Champaign, IL: Human Kinetics.

2. PALLANT, J., 2020. SPSS survival manual: A step by step guide to data analysis using IBM SPSS. 7th ed. London: Open University Press.

3. BAZELEY, P., 2020. Qualitative data analysis: Practical strategies. 3rd ed. London: Sage.

4. O'DONOGHUE, P., 2012. Statistics for sport and exercise studies: An introduction. London: Routledge.