

## MODULE DESCRIPTOR

### Module Title

Independent Study in Sport and Exercise Science

Reference	HS1114	Version	2
Created	March 2017	SCQF Level	SCQF 7
Approved	June 2010	SCQF Points	15
Amended	August 2017	ECTS Points	7.5

### Aims of Module

This module aims to provide students with the necessary skills for effective independent study, incorporating the use of information technology and evidence sources, and ability to reproduce information. The module will introduce concepts of research design to enable students to explain the designs behind research-based evidence sources.

### Learning Outcomes for Module

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

- 1 Utilise library searching mechanisms to conduct a literature search.
- 2 Identify and describe various research paradigms and designs, and clarify the meaning of common research terminology.
- 3 Identify basic descriptive statistics.
- 4 Identify similarities and differences between information from different sources.

### Indicative Module Content

Introduction to study skills: planning, organisation and writing skills including methods of avoiding plagiarism (e.g. paraphrasing, summarising and referencing), and following the regulations in the style manual (e.g. presentation requirements, word count policy); use of information technology including library catalogues, databases (searching for and accessing information), word processing software and plagiarism detection software; introduction to research methodologies, methods and experimental designs (both qualitative and quantitative); descriptive statistics, types of data, measures of dispersion and presentation of data.

### Module Delivery

Online study packs through CampusMoodle supported by tutorial sessions and IT workshops.

**Indicative Student Workload**

	Full Time	Part Time
Contact Hours	24	N/A
Non-Contact Hours	126	N/A
Placement/Work-Based Learning Experience [Notional] Hours	N/A	N/A
TOTAL	150	N/A
<i>Actual Placement hours for professional, statutory or regulatory body</i>		

**ASSESSMENT PLAN**

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

**Component 1**

Type:	Coursework	Weighting:	100%	Outcomes Assessed:	1, 2, 3, 4
Description:					

**MODULE PERFORMANCE DESCRIPTOR****Explanatory Text**

Written coursework assessed with a grading proforma. Overall grade determined as follows:

Module Grade	Minimum Requirements to achieve Module Grade:
<b>A</b>	Rows 1-5: Minimum of 3 rows at A, 1 row at B and 1 row at C Rows 6-8: Minimum of 2 rows at distinction and 1 row at pass Row 9 & 10: Both pass
<b>B</b>	Rows 1-5: Minimum of 3 rows at B, 1 row at C and 1 row at D Rows 6-8: Minimum of 1 row at distinction and 2 rows at pass Row 9 & 10: Both pass
<b>C</b>	Rows 1-5: Minimum of 3 rows at C and 2 rows at D Rows 6-8: Minimum of 3 rows at pass Row 9 & 10: Both pass
<b>D</b>	Rows 1-5: Minimum of 4 rows at D and 1 row at E Rows 6-8: Minimum of 2 rows at pass Row 9 & 10: Both pass
<b>E</b>	Rows 1-5: Minimum of 4 rows at E Rows 6-8: Minimum of 1 row at pass Row 9 & 10: A minimum of 1 pass
<b>F</b>	Failure to achieve any of the above
<b>NS</b>	Non-submission of work by published deadline or non-attendance for examination

**Module Requirements**

Prerequisites for Module	None (in addition to course entry requirements).
Corequisites for module	None.
Precluded Modules	None.

**ADDITIONAL NOTES**

A pass will not normally be awarded for this module unless the student has attended a minimum of 80% of all learning opportunities. Additionally a pass will not normally be awarded for this module unless the student has engaged in course related research activities (either as a participant or an assistant).

**INDICATIVE BIBLIOGRAPHY**

- 1 THOMAS, J.R., NELSON, J.K. & SILVERMAN, S.J., 2015. Research methods in physical activity. 7th ed. Champaign, IL: Human Kinetics.
- 2 WRAGG, C. & WILLIAMS, C., 2003. Data analysis and research for sport and exercise science: a student guide. London: Routledge.
- 3 GREENHALGH, T., 2015. How to read a paper: the basics of evidence-based medicine. 5th ed. London: Wiley Blackwell.
- 4 O'DONOGHUE, P. and HOLMES, L., 2015. Data Analysis in Sport. London: Routledge.