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## MODULE DESCRIPTOR

### Module Title

Performance Analysis

Reference	HS4115	Version	4
Created	April 2021	SCQF Level	SCQF 10
Approved	September 2015	SCQF Points	15
Amended	June 2021	ECTS Points	7.5

### Aims of Module

This module aims to develop students' ability to collect, analyse and present data, and suggest methods to inform training strategies and improve performance.

### Learning Outcomes for Module

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

- 1 Critically discuss research issues in relation to the analysis of performance.
- 2 Collect, analyse and interpret data for selected performance metrics.
- 3 Critically discuss the relevance of selected performance metrics.
- 4 Critically appraise strategies to monitor changes in performance.

### Indicative Module Content

Time and motion analysis; Filming sport events; Notational analysis and key performance indicators of sport; Situational variables on sports performance; Validity, reliability and value of selected performance metrics; Effectiveness of performance analysis support in informing coaching and strategic decision-making; Critical analysis of training monitoring models. Use of contemporary data systems and analytical programmes.

### Module Delivery

Blended delivery comprising on campus and online learning and engagement. This will include Digital Learning Resources, Tutorials, Workshops and Practical sessions.

### 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: Written Coursework - Essay

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

One component of assessment. Grade based on grading proforma.

Module Grade	Minimum Requirements to achieve Module Grade:
<b>A</b>	A
<b>B</b>	B
<b>C</b>	C
<b>D</b>	D
<b>E</b>	E
<b>F</b>	F
<b>NS</b>	Non-submission of work by published deadline or non-attendance for examination

**Module Requirements**

Prerequisites for Module	Successful completion of Stage 3 of either BSc (Hons) Applied Sport and Exercise Science course or BSc (Hons) Sport Coaching course, or equivalent.
Corequisites for module	None.
Precluded Modules	None.

**INDICATIVE BIBLIOGRAPHY**

- 1 HUGHES, M., FRANKS, I., and DANCS, H., 2019. The essentials of performance analysis in Sport. 3rd ed. New York: Routledge.
- 2 ALAMAR, B., 2013. Sports analytics: A guide for coaches, managers, and other decision makers. New York: Columbia University Press.
- 3 MCGARRY, T., O'DONOGHUE, P., de EIRA SAMPAIO, A. J., and SAMPAIO, J., 2013. Routledge handbook of sports performance analysis. London: Routledge.