MODULE DESCRIPTOR

Module Title

Human Movement and Skill Acquisition

Reference	HS2147	Version	1
Created	April 2021	SCQF Level	SCQF 8
Approved	June 2021	SCQF Points	15
Amended		ECTS Points	7.5

Aims of Module

The aim of this module is to develop students' ability to analyse and conceptualise human movement and control through needs identification, data collection, evaluation and theories of skill acquisition.

Learning Outcomes for Module

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

1	Explain mechanical characteristics associated with successful execution of a movement task.
2	Collect and process quantitative and semi quantitative data associated with a movement task.
3	Conduct an analysis of a movement task and relate to normative data.
4	Apply skill acquisition theory to the enhancement of a movement task.
5	Demonstrate the necessary professionalism through attendance at learning opportunities required for safe practice.

Indicative Module Content

Human movement studies; methodologies and systems of measurement; movement patterns; quantitative analysis of sporting movements; Quintic biomechanics software; model templates; deterministic models; knowledge of performance; knowledge of results; co-ordination; dynamic systems theory; constraints based theory; ecology; individual constraints; environmental constraints; task constraints.

Module Delivery

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

Indicative Student Workload	Full Time	Part Time
Contact Hours	36	N/A
Non-Contact Hours	114	N/A
Placement/Work-Based Learning Experience [Notional] Hours	N/A	N/A
TOTAL	150	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:	100%	Outcomes Assessed:	1, 2, 3, 4
Description:	Written Assignment				

Component 2

Type:	Coursework	Weighting:	0%	Outcomes Assessed:	5
Description:	Minimal module attendance requirement of 80%				

MODULE PERFORMANCE DESCRIPTOR

Explanatory Text

Component 1 grade based on grading proforma. Component 2 is a minimum modular attendance requirement of 80%

Module Grade	Minimum Requirements to achieve Module Grade:
A	Component 1 A; Component 2 Pass
B	Component 1 B; Component 2 Pass
C	Component 1 C; Component 2 Pass
D	Component 1 D; Component 2 Pass
E	Component 1 E; Component 2 Pass
F	Component 1 F and/or fails Component 2
NS	Non-submission of work by published deadline or non-attendance for examination

Module Requirements

Prerequisites for Module	Successful completion of Stage 1 of the BSc (Hons) Applied Sport and Exercise Science course, or equivalent.
Corequisites for module	None.
Precluded Modules	None.

INDICATIVE BIBLIOGRAPHY

1	Kerr A., 2019. Human movement & Biomechanics, 7th ed. Human Kinetics
2	BARTLETT, R., 2014. Introduction to sports biomechanics: Analysing human movement patterns. 3rd ed. London: Routledge.
3	Burton C., 2020. Dynamics of skill acquisition. An ecological approach 2nd ed. Human Kinetics