

Module Information

2022.01, Approved

Summary Information

Module Code	7511SPOSCI
Formal Module Title	Notational Analysis for Sports Performance
Owning School	Sport and Exercise Sciences
Career	Postgraduate Taught
Credits	20
Academic level	FHEQ Level 7
Grading Schema	50

Teaching Responsibility

LJMU Schools involved in Delivery
LJMU Partner Taught

Partner Teaching Institution

Institution Name
Portobello Institute

Learning Methods

Learning Method Type	Hours
Lecture	24
Practical	24
Seminar	10

Module Offering(s)

Display Name	Location	Start Month	Duration Number Duration Unit
SEP-PAR	PAR	September	12 Weeks

Aims and Outcomes

Aims	This module aims to develop students' understanding of theoretical and practical concepts that are essential in notational analysis. The module will include methods for acquiring and applying in-depth information on common hardware and software used in performance analysis in sport. This module also aims to develop students' ability to implement appropriate analytical procedures for different performance contexts (e.g., for backroom support, broadcast / media review and spectator reporting).
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After completing the module the student should be able to:

Learning Outcomes

Code	Number	Description
MLO1	1	Design and construct a notational analysis framework including key performance indicators for sport performance monitoring and reporting.
MLO2	2	Critically review technologies commonly used in notational analysis for sport.
MLO3	3	Assess contemporary issues in sports performance analysis, ethics, youth and developmental sports.

Module Content

Outline Syllabus	The role of performance analysis in professional sports support Communication with performance analysis data in sport – who uses the information-how and why Key performance indicators, identification and application (KPI selection and notational system development) Technology & software available for notational analysis Performance Analysis: from competition to training – reverse engineering winning teams Performance analysis in Talent Development/Youth settings Challenges in practical application of notational analysis Ethical consideration for data analysis in sport Contemporary issues in data analysis in sport
Module Overview	
Additional Information	This module is designed to develop an understanding and analytical skills of the concepts and applied practices in notational analysis in assessing individual and team sports performance. The module will combine conceptual and theoretical assessment measures to understand the skills necessary of a notational analyst and wider transferrable skills. Students will develop high-quality fundamental skills to collect, interpret and disseminate performance data to different professional groups (e.g. reporters, sports coaches, athlete) using technological solutions. Students will have access to hardware and software during dedicated practical class time. Equipment for data collection and analysis is available to students during independent study time and for research purposes. Students' knowledge and skills will be assessed through completion of individual assignments. Students are presented with opportunities to gain peer and lecturer formative feedback on their assessment within small group seminar sessions and individual tutor meetings that take place throughout the semester.

Assessments

Assignment Category	Assessment Name	Weight	Exam/Test Length (hours)	Module Learning Outcome Mapping
Essay	Laboratory Report	50	0	MLO2, MLO3
Presentation	Oral Presentation	50	0	MLO1

Module Contacts

Module Leader

Contact Name	Applies to all offerings	Offerings
Sigrid Olthof	Yes	N/A

Partner Module Team

Contact Name	Applies to all offerings	Offerings
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