

Module Information

2022.01, Approved

Summary Information

Module Code	7513SPOSCI
Formal Module Title	Performance Analysis for Team Sports
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
JAN-PAR	PAR	January	12 Weeks

Aims and Outcomes

Aims	This module aims to equip students with the theoretical knowledge and practical skills needed to conduct performance analysis for team sport(s). The module aims to develop students' skills in data collection, analysis and reporting for team performance analysis using a variety of data collection and analyses tools, including (but not limited to) player monitoring platforms, global positioning systems and video analysis platforms. This module also aims to prepare students to critically evaluate the scientific evidence base behind performance technologies and prepare students to respond to the rapidly evolving technologies proliferating in the sports performance domain.
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After completing the module the student should be able to:

Learning Outcomes

Code	Number	Description
MLO1	1	Critically evaluate key performance metrics and performance analysis technologies in team sports
MLO2	2	Demonstrate competence in using performance analysis technology (such as GPS) and a range of analytics and data handling software
MLO3	3	Analyse, present and interpret physical, technical, and tactical performance data on a team sport using appropriate technological solutions.

Module Content

Outline Syllabus	Introduction to performance analysis for team sports Introduction to technology commonly used in team sport (e.g. GPS) Introduction to performance analysis techniques and software Conducting a needs analysis for team sports and identifying key performance indicators Performing analysis on team data sets Reporting on analysis from team data sets Practical implementation for performance analysis in team sport
Module Overview	
Additional Information	This module provides students the opportunity to critically understand the theoretical underpinning and explore the application of a variety of analysis approaches to assess team sports performance. Students will develop high-quality fundamental skills to collect, interpret and disseminate performance data for team-based sports to other professionals (e.g. coaches, support staff, athletes) and sports professionals using both field-based approaches.

Assessments

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

Module Contacts

Module Leader

Contact Name	Applies to all offerings	Offerings

Sigrid Olthof	Yes	N/A
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Partner Module Team

Contact Name	Applies to all offerings	Offerings
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