

Programme Specification Document

Approved, 2022.02

Overview

Programme Code	36671
Programme Title	Sports Performance Analysis
Awarding Institution	Liverpool John Moores University
Programme Type	Masters
Language of Programme	All LJMU programmes are delivered and assessed in English
Programme Leader	
Link Tutor(s)	Sigrid Olthof

Partner Name	Partnership Type
Portobello Institute	Franchised

Awards

Award Type	Award Description	Award Learning Outcomes
Target Award	Master of Science - MS	See Learning Outcomes Below
Alternative Exit	Postgraduate Certificate - PC	Demonstrate understanding of theoretical and practical approaches to performance analysis and implement this knowledge into individual or team centred practice. Demonstrate understanding of the physiological and biomechanical factors influencing performance analysis practice in individual and team sports. Demonstrate understanding and practical skills relating to the application of technological approaches to performance assessment and convey this information to athletes and other practitioners. Demonstrate an ability to select and implement appropriate performance analysis techniques and demonstrate a critical awareness of the limitations of these approaches. Demonstrate a critical awareness of research design and statistical analysis.
Alternative Exit	Postgraduate Diploma - PD	Demonstrate critical understanding of theoretical and practical performance analysis and be able to implement this knowledge into individual or team centred practice. Demonstrate an in-depth critical understanding of the physiological, biomechanical, and psychological factors affecting performance analysis practice in individual and team sports. Demonstrate critical understanding and practical skills relating to the application of technological approaches to performance assessment and be able to translate and convey this into clear and informative delivery to athletes and other practitioners. Demonstrate an ability to select and implement appropriate performance analysis techniques and demonstrate a critical awareness of the limitations of these approaches. Demonstrate a critical awareness of different research design and statistical analysis.

Alternate Award Names	
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External Benchmarks

Subject Benchmark Statement	
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Programme Offering(s)

Mode of Study, Mode of Delivery	Intake Month	Teaching Institution	Programme Length
Full-Time, Blended	February	Portobello Institute	1 Years
Full-Time, Blended	September	Portobello Institute	1 Years

Aims and Outcomes

Educational Aims of the Programme

The MSc in Sports Performance Analysis aims to develop the students' theoretical knowledge and practical skills in sport(s) performance analysis. It will provide a contemporary theoretical and practical performance analysis curriculum that develops 'evidence informed practitioners' with transferable skills necessary for employment in sports performance roles requiring initiative and personal responsibility, decision-making in complex situations, the interpersonal skills to disseminate complex information in an understandable format to professional and lay audiences. It embeds across the curriculum independent learning-ability required for continuing professional development in their sports performance analysis careers to provide innovative and contemporary solutions to sports performance analysis across individual and/or team sport settings.

Specific Course Aims.

- Offer an opportunity to develop and progress a career by providing a rigorous, in-depth, and relevant focus on applied and academic sports performance analysis skills.
- Develop students' understanding, and their ability to apply knowledge and analyses to various contexts through a range of opportunities, including the use of their own work experience, case studies, performance analysis scenarios, presentations, and problem-based learning exercises.
- Provide a framework that supports students to develop their confidence and capabilities in using appropriate techniques and research methodologies to pursue their chosen project.
- Promote a lively, creative, and collaborative learning environment, where dialogue and exchange are supported and students from a broad range of backgrounds are encouraged to engage in experimentation and heuristic learning.
- Foster a critical, analytical, and reflective approach that enables students to determine their research ambitions and identify and test appropriate methods to achieve them.
- Enable students to develop and present a substantial body of practical and theoretical work, demonstrating an appropriate level of professional and intellectual attainment that supports further study or professional practice.
- Develop the students' understanding of recent/up to date sports performance analysis technologies and practices.

Learning Outcomes

Code	Description
PLO1	Demonstrate advanced knowledge of performance analysis concepts applied in team and/or individual sports.

Code	Description
PLO2	Demonstrate appropriate communication strategies in either written, visual and/or oral formats to a range of stakeholder commensurate with their expertise.
PLO3	Identify areas of (applied) sports performance that could benefit from small-scale research: design conduct and evaluate an appropriate study.
PLO4	Demonstrate analytical, and synthesis skills to identify, conduct and communicate complex data/research in performance analysis.
PLO5	Apply appropriate research methodology in order to translate and advance existing knowledge and inform practice in sports performance analysis.
PLO6	Engage in advanced discussion about contemporary performance analysis approaches and their strengths and limitations.
PLO7	Critically evaluate complex research and translate into accessible information to inform applied practice.
PLO8	Demonstrate an ability to work independently and problem solve while dealing with the elements of unpredictability and complexity that presents in practice.
PLO9	Demonstrate knowledge and competence in research ethics.
PLO10	Demonstrate the occurrence of reflective practice within their personal and professional development.
PLO11	Critically review their professional practice and the implications this practice has upon their stakeholders.
PLO12	Demonstrate advanced understanding of the performance analysis principles evidenced by a critical understanding of underpinning theoretical literature.
PLO13	Communicate effectively orally, electronically, and in writing
PLO14	Use IT effectively as both a learning and communication tool.
PLO15	Work confidently, both as an individual and as part of a team, both on the course and in the workplace.
PLO16	Design, implement and evaluate performance analysis framework(s) and technologies for sport performance monitoring and reporting to a range of stakeholders.
PLO17	Critically assess areas of sport performance and adequately select appropriate key performance indicators to monitor individual or team performance.
PLO18	Demonstrate knowledge and understanding of the professional and ethical consideration of sports performance analysis as pertains to different stakeholders.
PLO19	Devise, implement and critically evaluate different sport performance analyses in team or individual sports.
PLO20	Demonstrate advanced understanding of appropriate selection and application of assessing sport performance technologies in the lab or the applied practice.
PLO21	Demonstrate knowledge and competence in using data analytics and data visualization approaches.
PLO22	Analyse, present and interpret physical, technical, and/or tactical data for individual and/or team sport performance

Programme Structure

Programme Structure Description

The target award is MSc Sport Performance Analysis. This programme can only be studied full time. Students are required to achieve 180 credits for Master of Science conferment with a minimum pass grade of 50%. Alternate exit awards will be designated as Postgraduate Diploma in Sports Performance Analysis (120 credits i.e. all taught modules comprising a total of 120 Level 7 credits except module 7516SPOSCI Sports Performance Analysis Dissertation), Postgraduate Certificate in Sports Performance Analysis (60 credits i.e. taught modules comprising a total of 60 Level 7 credits except module 7516SPOSCI Sports Performance Analysis Dissertation).

Programme Structure - 180 credit points	
Level 7 - 180 credit points	
Level 7 Core - 180 credit points	CORE
[MODULE] 7510SPOSCI Biomechanics of Performance Analysis Approved 2022.01 - 20 credit points	
[MODULE] 7511SPOSCI Notational Analysis for Sports Performance Approved 2022.01 - 20 credit points	
[MODULE] 7512SPOSCI Performance Analysis for Individual Sports Approved 2022.01 - 20 credit points	
[MODULE] 7513SPOSCI Performance Analysis for Team Sports Approved 2022.01 - 20 credit points	
[MODULE] 7514SPOSCI Personal and Professional Development Approved 2022.01 - 20 credit points	
[MODULE] 7515SPOSCI Research Methods for Sports Performance Analysis Approved 2022.01 - 20 credit points	
[MODULE] 7516SPOSCI Sports Performance Analysis Dissertation Approved 2022.01 - 60 credit points	
Level 7 Optional - No credit points	OPTIONAL

Module specifications may be accessed at <https://proformas.ljmu.ac.uk/Default.aspx>

Teaching, Learning and Assessment

In Semester 1 and 2 (September to May) students will engage with a blended-learning approach through live online lessons, face-to-face lectures and tutorial/seminars which constitute the formal elements of the course and are essential activities that will support the development of learning outcomes. The face-to-face sessions are action-oriented and student-centred to encourage 'deep' as opposed to 'surface' learning, and give students the opportunity to apply their understanding to various performance analysis scenarios. In addition, students will have online tutorials with their tutor(s), and will have asynchronous online activities (reading, tasks, and assignments) to do in their own time. In Semester three, students will work both face-to-face and online with their individual supervisor on their research dissertation. The blended approach undertaken on this programme includes: (1) Online asynchronous material (readings, tasks, lectures, discussion boards); (2) Online synchronous (live) sessions (seminars, workshops, practical's guest lectures); (4) Face-to-face and online tutorial support.

Opportunities for work related learning

Garda Vetting applications are required to be completed by all students. Information about Garda Vetting application procedures is provided to students at induction and available via ePortobello. If a student is unsuccessful in attaining Garda Vetting, they can still complete the programme and placement experience however they will be limited in the type of placement they are eligible. The Academic Manager, Head of Quality and Module Lead are jointly responsible for the communication and support process for students under these circumstances.

Work-related learning (placements) will be a key aspect of this master's degree. All module leaders have considerable experience of working in performance analysis settings. Moreover, industry experts and practitioners will provide guest lectures on highly specialised performance analysis topics. However, the major work-based learning will occur in-line with students' personal and professional circumstances as part of a work placement in module 7514SPOSCI Personal and Professional Development. Students will have a chance to develop their skills in a 'real working context' consisting of 180 hours of work-related learning. The placement will be supervised by an academic practitioner and the student will also receive on-site supervision through the placement provider. Any placement will comply with the University (PI) Code of Practice for Placements.

Entry Requirements

Type	Description
Alternative qualifications considered	<p>Candidates are required to demonstrate one of the following:</p> <p>An honours degree at 2:1 or above from an Irish/UK university (or equivalent overseas qualification); or</p> <p>A professional qualification recognized as carrying honours degree equivalence; or</p> <p>The holder of a Pre-Masters qualification in a related subject area with a minimum of 65% in English for Pre-Masters; or</p> <p>Have substantial appropriate experience which can demonstrate knowledge and skills at degree standard (subject to the provisions of the Academic Framework Regulations).</p> <p>Candidates already holding a Postgraduate Certificate, Diploma or other M-Level qualifications deemed by the programme leader to be equivalent to respective parts of the MSc programme, may be permitted to enter with exemptions, subject to the University's regulations on Advanced Standing in Postgraduate Awards and with the approval of RP(E)L. The RP(E)L system will be explained to all students.</p> <p>In addition, all potential candidates are required to demonstrate competence in English language to English GCSE standard or equivalent. Non-Irish/UK students will be required to demonstrate command of English at IELTS 6.0 level (minimum score of 5.5 in all categories) or equivalent qualification. Applicants holding the above Pre-Masters qualification, or who have studied and successfully passed a UK-based degree within the previous 24 months are exempt from such requirements. Candidates may be required to be interviewed (Skype) after formal application.</p>

Other international requirements	Applicants should possess a good first degree in an appropriate subject (Sport Science/ Coaching Science/Physical Education/Sport Science/Sports Therapy).
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Extra Entry Requirements
