

Liverpool John Moores University

Title: FOOTBALL SCIENCE PROJECT
Status: Definitive
Code: **6110SPFOOT** (125534)
Version Start Date: 01-08-2021

Owning School/Faculty: Sport and Exercise Sciences
Teaching School/Faculty: Sport and Exercise Sciences

Team	Leader
David Low	Y

Academic Level: FHEQ6
Credit Value: 40
Total Delivered Hours: 138
Total Learning Hours: 400
Private Study: 262

Delivery Options

Course typically offered: Standard Year Long

Component	Contact Hours
Lecture	6
Practical	112
Tutorial	20

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Presentation	Pres	Football Science Project Proposal Presentation	20	
Dissertation	Diss	Football Science Project Written Element	60	
Reflection	Ref	Football Science Project Reflection	20	

Aims

The module aims to develop students' ability to plan, prepare, initiate and reflect upon the production of a football science project. The module will address topics such as legal requirements, health and safety, safeguarding, planning and preparing

data collection, collection of data, communication of relevant scientific data to specialist and non-specialist audiences, and the process of reflection and its value in personal and professional development.

Learning Outcomes

After completing the module the student should be able to:

- 1 Plan a science and football project by synthesising and critically evaluating relevant theoretical frameworks, previous research findings, and current need, identifying associated gaps in knowledge, and identifying appropriate methods of data collection
- 2 Collect, evaluate, critically analyse, and communicate data associated with chosen science and football project
- 3 Reflect upon the relevant ethical, professional, and risk assessment requirements for undertaking work in science and football and own strengths, weaknesses and areas for development

Learning Outcomes of Assessments

The assessment item list is assessed via the learning outcomes listed:

Presentation	1	
Dissertation	1	2
Reflection	3	

Outline Syllabus

Core lectures to establish the project requirements, outline health and safety practice, reflective practice, followed by tutorials with project supervisor to discuss and feedback on relevant features of the football science process and to monitor progress throughout the project. Practical hours allocated to data collection and analysis.

Learning Activities

Students are expected to attend the time-tabled lecture and are encouraged to utilise the available directed learning / private study time to get advice from university placement tutor/ placement provider and/or conduct essential reading. Within the supervision sessions students will be required to use their reflective, analytical and problem-solving skills to enhance their own learning. Students should complete required and recommended reading to widen their knowledge and understanding and their ability to critically evaluate and material. Students will be required to evidence these skills through the assessment tasks.

Notes

This module is designed to provide students with the opportunity to develop their theoretical knowledge and applied practice skills required to act professionally, competently and ethically when working as a sport scientist in football. Students can choose to specialise in one discipline or area of study or carry out an inter-/multi-disciplinary project. They will present their proposed football science project as part of a mini-conference prior to data collection. Students will then be given the opportunity to collect data in either a laboratory setting or a field based setting and will be required to report this data in either a traditional research project format or as a consultancy report to their clients. Students will also be asked to reflect upon their experiences of data collection, what they have learned from the process, and what skills they feel they need to develop to further their career. Students are required to complete all relevant pre-data collection paperwork by the stated deadline in the module guide, without which they will be considered ineligible to complete their own project.