

Liverpool John Moores University

Title: APPLIED SCIENCE AND FOOTBALL 1
Status: Definitive
Code: **4003SPFOOT** (117523)
Version Start Date: 01-08-2013

Owning School/Faculty: Sports Sciences
Teaching School/Faculty: Sports Sciences

Team	Leader
Allistair McRobert	Y
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David Harriss	
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Academic Level: FHEQ4 **Credit Value:** 24.00 **Total Delivered Hours:** 52.00
Total Learning Hours: 240 **Private Study:** 188

Delivery Options

Course typically offered: Standard Year Long

Component	Contact Hours
Lecture	30.000
Off Site	8.000
Seminar	8.000
Workshop	6.000

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Essay	Essay		50.0	
Test	Test		40.0	2.00
WoW Skills Bronze	Reflection		10.0	

Aims

The module aims to introduce and develop the student's knowledge and understanding of the multifaceted role of science in football. It will also introduce the concept of reflection to promote personal development.

Learning Outcomes

After completing the module the student should be able to:

- 1 Describe elements of football using the various components of science.
- 2 To identify and reflect upon the following aspects of personal development:
Strengths and weaknesses, motivations and values, ability to work with others.

Learning Outcomes of Assessments

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

Essay	1
In-class test	1
Bronze Statement & Reflection	2

Outline Syllabus

Elite players (Physiology, Psychology, Skill Acquisition, Sociology, Biomechanics)
Elite teams (Match Analysis, Psychology)
Elite teams: Club Structures
Reflection and reflective practice
Ethics and professional practice
Football in the community
Special populations
Personal development planning/World of Work
Field visits/guest lectures

Learning Activities

Students are expected to attend time-tabled lectures/seminars and are encouraged to utilise the available directed learning/tutorial time to get advice from the module staff and/or conduct essential reading. Some of the teaching sessions will contain workshops where students engage in personal development tasks. In addition, students will be expected to engage in a significant amount of private study. Students should complete the required and recommended reading to widen their knowledge and understanding, along with their ability to evaluate material. Students

will be required to provide evidence of this in the production of their coursework and an in-class test.

References

Notes

This module is designed to introduce and develop the student's knowledge of science in football and to apply these concepts and techniques to develop professional and personal knowledge. This module will also provide students with the opportunity to complete the World of Work Bronze stage on Self Awareness.