

Liverpool John Moores University

Title: APPLIED SCIENCE AND FOOTBALL
Status: Definitive
Code: **6002SPFOOT** (114172)
Version Start Date: 01-08-2011

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

Team	Leader
Martin Littlewood	Y

Academic Level: FHEQ6
Credit Value: 36.00
Total Delivered Hours: 34.00
Total Learning Hours: 360
Private Study: 326

Delivery Options

Course typically offered: Standard Year Long

Component	Contact Hours
Lecture	18.000
Seminar	2.000
Tutorial	14.000

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Presentation	AS1	Individual progress presentations	40.0	
Report	AS2	Mini project of designated placement topic (3000 words)	30.0	
Reflection	AS3	Reflective essay (3000 words)	30.0	

Aims

To critically explore how sport science is being used within football to enhance player performance and development

To develop an awareness of the craft skills and knowledge required to successfully provide sport science support within a football organisation

To critically appraise the importance of reflection to applied practice

Learning Outcomes

After completing the module the student should be able to:

- 1 Critically evaluate the contribution of sport science in the development and performance of soccer players
- 2 Identify important craft skills and applied knowledge for the provision of sport science support within football
- 3 Critically appraise the importance of reflection to applied practice

Learning Outcomes of Assessments

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

Individual progress	1	2	3
Mini project	1		
Reflective essay	2	3	

Outline Syllabus

1. *The role of craft and professional knowledge skills in applied practice*
2. *Reflective practice: learning as a practitioner*
3. *Seminar*
4. *Ethics and codes of conduct*
5. *Communicating with non-scientific groups*
6. *Tutorial week*
7. *Guest lecture: Sport science support in football*
8. *Field observations*
9. *Field observations*
10. *Tutorial week*
11. *Guest lecture: Sport science support in football*
12. *Field observations*
13. *Field observations*
14. *Tutorial week*
15. *Guest lecture: Sport science support in football*
16. *Field observations*
17. *Field observations*
18. *Tutorial week*
19. *Guest lecture: Sport science support in football*
20. *Tutorial week*
21. *Tutorial week*
22. *Module review and summary*

Learning Activities

Subjects are expected to attend time-tabled lectures and are encouraged to utilise the available directed learning/tutorial time to get advice from module staff and/or conduct essential reading. Seminars and tutorials will be used to explore key issues in greater detail and to develop analytical and reflective skills. This module also includes a substantial amount of self directed observation within specific football settings. This will provide material for student reflection and assessment tasks. Some sessions will include input from professional practitioners who have extensive experience of working within football organisations. Students should complete the required and recommended reading to widen their knowledge and understanding along with their ability to critically evaluate material. Students will be required to evidence this in the production of their coursework.

References

Course Material	Book
Author	Reilly, T and Williams AM
Publishing Year	2003
Title	Science and Soccer
Subtitle	
Edition	
Publisher	Routledge
ISBN	0415262321

Course Material	Book
Author	Johns, c
Publishing Year	2000
Title	Becoming a reflective practitioner
Subtitle	
Edition	
Publisher	Blackwell Science Limited
ISBN	063205518

Course Material	Book
Author	Ghaye, AL and Lillyman, S
Publishing Year	2000
Title	Reflection: principles and practice for healthcare professionals
Subtitle	
Edition	
Publisher	Quay Books
ISBN	185641112

Course Material	Book
Author	Giulianotti, R
Publishing Year	1999
Title	Football: a sociology of the global game

Subtitle	
Edition	
Publisher	Cambridge Polity Press
ISBN	0745617697

Notes

This module is designed to enable students to critically appraise the role of sport science in the applied environment and to understand the importance of critical appraisal and reflection in applied work. This will be evaluated by the relevant assessment tasks