

Module code: MOD011375	Version: 1 Date Amended: 07/Mar/2025
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1. Module Title
Animal Anatomy and Physiology

2a. Module Leader
Charlotte Coleman-Fry

2b. School
Writtle School of Agriculture, Animal and Environmental Sciences

2c. Faculty
Faculty of Science and Engineering

3a. Level
4

3b. Module Type
Standard (fine graded)

4a. Credits
30

4b. Study Hours
300

5. Restrictions			
Type	Module Code	Module Name	Condition
Pre-requisites:	None		
Co-requisites:	None		
Exclusions:	None		
Courses to which this module is restricted:	BSc Equine therapy, rehabilitation and performance, BSc Animal Therapy, rehabilitation and performance, BSc Canine Therapy rehabilitation and performance. MVetphys Veterinary Physiotherapy, Canine and Equine.		

LEARNING, TEACHING AND ASSESSMENT INFORMATION

6a. Module Description
In this module, you'll enhance your understanding of the relationship between structure and function in equine and canines species by exploring their anatomical systems, physiological control and the diversity of major body systems. Through a mix of lectures, workshops, dissections, and practical sessions, you'll strengthen your knowledge and establish a solid foundation for future learning in subsequent modules. In this module, you'll acquire a solid foundational understanding of the scientific principles underlying anatomy and physiology. You'll learn to identify key anatomical points on live animals and explore all the systems in depth through dissection practicals to ensure you are putting theory into practice. You'll be given time to explore the body systems and gain an understanding of the systems and how they are linked. Dissections will be split into different system topics where anatomical features can be highlighted and you'll discuss the links to clinical relevance to help you contextualise content and relevance. To assess your understanding in this module, you'll engage in short quizzes based on lecture content and related activities. Additionally, you'll compile a portfolio each week, exploring how the functions of various systems contribute to the overall health and well-being of the animal.
6b. Outline Content
Develop an understanding for common veterinary terminology used in industry. Investigate the structure, function, relationship, communication and location of anatomical systems in equine and canines, including: • Skeletal • Muscular • Joints • Soft tissues • Nerves • Additional main body systems: cardiovascular, respiratory and digestive.
6c. Key Texts/Literature
The reading list to support this module is available at: https://readinglists.aru.ac.uk/

6d. Specialist Learning Resources

Use of the super laboratory at Lordship campus, dissection specimens

7. Learning Outcomes (threshold standards)

No.	Type	On successful completion of this module the student will be expected to be able to:
1	Knowledge and Understanding	Demonstrate and identify anatomical topography of the animal
2	Knowledge and Understanding	Understand the function and structure of the neuromusculoskeletal and other linked systems in the animal.
3	Intellectual, practical, affective and transferrable skills	Demonstrate use of correct terminology related to anatomical systems

8a. Module Occurrence to which this MDF Refers

Year	Occurrence	Period	Location	Mode of Delivery
2026/7	ZZF	Template For Face To Face Learning Delivery		Face to Face

8b. Learning Activities for the above Module Occurrence

Learning Activities	Hours	Learning Outcomes	Details of Duration, frequency and other comments
Lectures	48	1-3	2hrs weekly mixture of workshops and lectures
Other teacher managed learning	24	1-3	1hr weekly mixture of practicals and dissections
Student managed learning	228	1-3	Self-directed study throughout the year
TOTAL:	300		

9. Assessment for the above Module Occurrence

The assessment for some modules includes a presentation (see below for details on how this particular module is assessed). We recognise that presenting, especially to a large group, can cause significant anxiety or distress for some students. If this may affect you, please contact your Module Leader or the Disability and Neurodiversity Service as early as possible. We will work with you to consider appropriate reasonable adjustments. Depending on your individual needs, these might include, for example, presenting to a smaller group or presenting only to a member of academic staff.

Assessment No.	Assessment Method	Learning Outcomes	Weighting (%)	Fine Grade or Pass/Fail	Qualifying Mark (%)
010	Coursework	1-3	60 (%)	Fine Grade	30 (%)

4x in-class quiz (equal weighting)

Assessment components for Element 010

Component No.	Assessment Title	Submission Method	Weighting (%)	Components needed for Mark Calculation?
010/1	In class quiz	Scheduled Activity: Timetabled assessment task	25 (%)	All
010/2	In class quiz	Scheduled Activity: Timetabled assessment task	25 (%)	
010/3	In class quiz	Scheduled Activity: Timetabled assessment task	25 (%)	
010/4	In class quiz	Scheduled Activity: Timetabled assessment task	25 (%)	

Assessment No.	Assessment Method	Learning Outcomes	Weighting (%)	Fine Grade or Pass/Fail	Qualifying Mark (%)
011	Practical	1-3	40 (%)	Fine Grade	30 (%)

Practical lab exam 1.5 hours

In order to pass this module, students are required to achieve an overall mark of 40% (for modules at levels 3, 4, 5 and 6) or 50% (for modules at level 7*).

In addition, students are required to:

(a) achieve the qualifying mark for each element of fine graded assessment as specified above

(b) pass any pass/fail elements

[* the pass mark of 50% applies for all module occurrences from the academic year 2024/25 – see Section 3a of this MDF to check the level of the module and Section 8a of this MDF to check the academic year]