CORPORATE AND ACADEMIC SERVICES
MODULE SPECIFICATION

Part 1: Basic Data						
Module Title	Comparative and Applied Anatomy, Physiology and Biomechanics					
Module Code	UIEXKV-15-M		Level	M	Version	2.0
Owning Faculty	Hartpury		Field	Equine Science		
Contributes towards	MSc Veterinary Physiotherapy					
PSRB involved	ACPAT CSP					
UWE Credit Rating	15	ECTS Credit Rating	7.5	Module Type	Standard	
Pre-requisites	None		Co-requisites	None		
Excluded Combinations	None		Module Entry requirements	None		
Valid From	01 September 2020		Valid to	01 September 2025		

CAP Approval Date	V2.0- 27 January 2021 30 May 2013 (HLS), 11 June 2013 (HAR)

Part 2: Learning and Teaching	
Learning Outcomes	On successful completion of this module students will be able to: 1 Demonstrate an understanding of neuromuscular/skeletal anatomical structures and critically evaluate their relationship to function for a range of species (A). 2 Analyse and critically discuss key conformational concepts (A). 3 Appraise the key physiological responses to exercise and training in athletic species (A). 4 Critically appraise, discuss and apply biomechanical concepts to equine and canine models (A). 5 Identify surface anatomy and bony landmarks in a variety of species. 6 Critically appraise the equine foot and discuss the role of the farrier in relation to the equine foot (A). 7 Demonstrate an ability to transfer knowledge of anatomical terminology across species (A). 8 Demonstrate the skills for self-managed and life-long learning in the application of anatomy, physiology, and biomechanics (A).
Syllabus Outline	1 Overview of anatomical terminology for a range of domestic animals. 2 Comparative anatomy for a range of species. 3 Musculoskeletal anatomy of the equine and canine forelimb, hind limb, spine/pelvis. 4 Anatomy and function of the equine foot. 5 Overview of biomechanical terminology for a range of domestic animals.

	6 Static evaluation and palpation. 7 Equine and canine exercise physiology including responses to exercise and training.
Teaching and Learning Methods	***Scheduled Learning*** Includes lectures, seminars, demonstration, practical classes. ***Independent Learning*** **I**ncludes hours engaged with essential reading (including background reading to ensure baseline knowledge is obtained prior to taught sessions), and examination preparation. It is anticipated students will spend approximately 60 hours on independent study and 50 hours on assignment preparation. ***Virtual Learning Environment (VLE) (or equivalent)*** This module is supported by a VLE where students will be able to find all necessary module information. Direct links to information sources will also be provided from within the VLE.
Key Information Sets Information	Key Information Sets (KIS) are produced at programme level for all programmes that this module contributes to, which is a requirement set by HESA/HEFCE. KIS are comparable sets of standardised information about undergraduate courses allowing prospective students to compare and contrast between programmes they are interested in applying for.

Key Information Set - Module data

Number of credits for this module				15
Hours to be allocated	Scheduled learning and teaching study hours	Independent study hours	Placement study hours	Allocated Hours
150	40	110	0	150

The table below indicates as a percentage the total assessment of the module which constitutes a -

Written Exam: Unseen written exam, open book written exam, In-class test
Coursework: Written assignment or essay, report, dissertation, portfolio, project
Practical Exam: Oral Assessment and/or presentation, practical skills assessment, practical exam

Please note that this is the total of various types of assessment and will not necessarily reflect the component and module weightings in the Assessment section of this module description:

Total assessment of the module:	
Written exam assessment percentage	100%
Coursework assessment percentage	0%
Practical exam assessment percentage	0%
	100%

Reading Strategy	Students will be directed to reading which is either available electronically or provided for them in a printed study pack. Directed pre-reading will be expected prior to the taught sessions for this module.

	They will be encouraged to read widely using the library catalogue, a variety of bibliographic and full text databases, and internet resources. Many resources can be accessed remotely. The development of literature searching skills is supported by the Library seminar within the induction period.
Indicative Reading List	The following list is offered to provide validation panels/accrediting bodies with an indication of the type and level of information students may be expected to consult. As such, its currency may wane during the life span of the module specification. However, as indicated above, CURRENT advice on readings will be available via other more frequently updated mechanisms, including the module guide. • Goody, P., (Current Edition) *Dog anatomy.* J.A. Allen: London • Goody, P., (Current Edition) *Horse anatomy.* J.A. Allen: London

Part 3: Assessment			
Assessment Strategy	There is one component of assessment: a 2.5 hour written examination. This controlled conditions assessment will test the knowledge, understanding, and application of the concepts relevant to this module. It provides the fundamental knowledge that students need to undertake clinical practice. Where necessary, and appropriate, an alternative medium of assessment may be negotiated. A student may apply for alternative means of assessment if appropriate. Each application will be considered on an individual basis taking into account learning and assessment needs. For further information regarding this please refer to the VLE.		
Identify final assessment component and element	A1		
% weighting between components A and B (Standard modules only)		**A:**	**B**:
		100%	**0%**
First Sit			
Component A (controlled conditions) **Description of each element**		**Element weighting**	
1 Written Examination (2.5 hour)		100%	
Resit (further attendance at taught classes is not required)			
Component A (controlled conditions) **Description of each element**		**Element weighting**	
1 Written examination (2.5 hour)		100%	
If a student is permitted an **EXCEPTIONAL RETAKE** of the module the assessment will be that indicated by the Module Description at the time that retake commences.			