






ACADEMIC SERVICES

MODULE SPECIFICATION

Part 1: Basic Data					
Module Title	Therapy and Rehabilitation of the Equine Athlete				
Module Code	UIEXKS-15-M	Level	M	Version	1.2
UWE Credit Rating	15	ECTS Credit Rating	7.5	WBL module?	No
Owning Faculty	Hartpury	Field	Equine Science		
Department	Equine	Module Type	Standard		
Contributes towards	MRes Equestrian Performance MSc Equine Science MSci Equine Science MSci Equine Science (SW) PGCert Equestrian Performance and Rehabilitation PGCert Equine Behaviour and Welfare PGCert Equine Science PGDip Equestrian Performance PGDip Equine Science				
Pre-requisites	None	Co- requisites	None		
Excluded Combinations	None	Module Entry requirements	None		
First CAP Approval Date	12 May 2013	Valid from	01 September 2013		
Revision CAP Approval Date	V1.1- 03 February 2015 V1.2- 07 July 2016	Revised with effect from	01 September 2016		

Review Date	01 September 2019
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Part 2: Learning and Teaching	
Learning Outcomes	<p>On successful completion of this module students will be able to:</p> <ol style="list-style-type: none"> 1. Critically evaluate the process of lameness investigation and veterinary diagnostic imaging techniques. (A) 2. Assess the relationship between risk of orthopaedic disease and sporting discipline. (A) 3. Critically assess methods of pain management. (A) 4. Critically evaluate the types of mobilisation and manipulation techniques available applicable for use in horses. (A) 5. Demonstrate an in depth understanding of spinal kinematics and critically evaluate the aetiology of back pathology. (A) 6. State and defend the use of the controlled exercise programmes for training and rehabilitation of equine athletes. (A)

	<p>7. Design, plan and monitor therapeutic treatment programmes. (A)</p> <p>8. Present and communicate in both verbal and written forms in a professional and academically rigorous manner. (A)</p>																														
Syllabus Outline	<ul style="list-style-type: none"> • Understanding lameness investigation and diagnostic imaging. • Practical case assessment. • Typical orthopaedic conditions affecting sport horses. • The impact of foot balance on posture and movement. • Back kinematics and back pathology. • Manipulation and mobilisation techniques. • The use of exercise within a rehabilitation programme. 																														
Contact Hours	<p>Indicative delivery modes:</p> <table> <tr> <td>Lectures</td> <td>18</td> </tr> <tr> <td>Seminars/practicals</td> <td>18</td> </tr> <tr> <td>Guided and independent study</td> <td>114</td> </tr> <tr> <td>TOTAL</td> <td>150</td> </tr> </table>	Lectures	18	Seminars/practicals	18	Guided and independent study	114	TOTAL	150																						
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Teaching and Learning Methods	<p>A variety of learning strategies will be used including scheduled learning, where students will receive theoretical underpinning knowledge and also learn how to apply therapy and rehabilitation techniques in a therapeutic environment (36 hours). It is expected that students will spend a minimum of 114 hours on independent learning as this is an essential component of modules at postgraduate level. Students will not be able to complete the module successfully without undertaking the required amount of independent learning. This independent learning will include a combination of lone study and individual, pair and group work. Conferencing technologies (including video conferencing, Skype) will be used in conjunction with the virtual learning environment (VLE), email and phone calls to keep in touch with students between teaching blocks.</p> <p>Scheduled learning includes lectures, seminars, tutorials, demonstration and practical classes.</p> <p>Independent learning includes hours engaged with essential reading, proposal form preparation, assignment preparation and completion etc. These sessions constitute an average time per level as indicated in the table below. Scheduled sessions may vary slightly depending on the module choices you make.</p> <p>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.</p>																														
Key Information Sets Information	<p>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.</p> <table border="1"> <thead> <tr> <th colspan="5">Key Information Set - Module data</th> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </thead> <tbody> <tr> <td colspan="4">Number of credits for this module</td> <td>15</td> </tr> <tr> <td>Hours to be allocated</td> <td>Scheduled learning and teaching study hours</td> <td>Independent study hours</td> <td>Placement study hours</td> <td>Allocated Hours</td> </tr> <tr> <td>150</td> <td>36</td> <td>114</td> <td>0</td> <td>150</td> </tr> <tr> <td colspan="5" style="text-align: right;"></td> </tr> </tbody> </table>	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	36	114	0	150					
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	<p>The table below indicates as a percentage the total assessment of the module which constitutes a -</p> <p>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</p> <p>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:</p> <table border="1" data-bbox="593 519 1268 752"> <tr> <td colspan="2">Total assessment of the module:</td> <td></td> <td></td> </tr> <tr> <td>Written exam assessment percentage</td> <td></td> <td>100%</td> <td></td> </tr> <tr> <td>Coursework assessment percentage</td> <td></td> <td>0%</td> <td></td> </tr> <tr> <td>Practical exam assessment percentage</td> <td></td> <td>0%</td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td>100%</td> </tr> </table>	Total assessment of the module:				Written exam assessment percentage		100%		Coursework assessment percentage		0%		Practical exam assessment percentage		0%					100%
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Reading Strategy	<p>Essential reading Any essential reading will be indicated clearly, along with the method for accessing it, e.g. students may be required to purchase a set text, be given a print study pack or be referred to texts that are available electronically or in the Library. Module guides will also reflect the range of reading to be carried out.</p> <p>Further reading Further reading will be required to supplement the set text and other printed readings. Students are expected to identify all other reading relevant to their chosen topic for themselves. They will be required to read a widely using the library search, a variety of bibliographic and full text bases, and internet resources. Many resources can be accessed remotely. The purpose of this further reading is to ensure students are familiar with current research, classic works and material specific to their interests from their academic literature.</p> <p>Access and Skills Formal opportunities for students to develop their library and information skills are provided within the induction period and student skills sessions. Additional support is available through online resources. This includes interactive tutorials on finding books and journal, evaluation information and referencing. Sign up workshop are also offered.</p>																				
Indicative Reading List	<p>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.</p> <p>Books:</p> <p>Clayton, H.M. and Back, W. (Current Edition) <i>Equine Locomotion</i>. London: W.B. Saunders Co.</p> <p>Denoix, J-M. and Pailloux, J-P. (Current Edition) <i>Physical Therapy and Massage for the Horse</i>. London: Manson Publishing Ltd.</p> <p>Ross, M.W. and Dyson, S.J. (Current Edition) <i>Diagnosis and Management of Lameness in the Horse</i>. London: Saunders. Co.</p> <p>Williams, G. and Deacon, M. (Current Edition) <i>No Foot, No Horse</i>. London: Kenilworth Press.</p> <p>McGowan, C., Goff, L. and Stubbs, N. (Current Edition) <i>Animal Physiotherapy: Assessment, Treatment and Rehabilitation of Animals</i>. London: Blackwell Publishing.</p>																				

	<p>Journals:</p> <p>Equine Veterinary Science.</p> <p>Equine Veterinary Education.</p> <p>Comparative Exercise Physiology.</p>
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Part 3: Assessment	
Assessment Strategy	<p>The written examination will utilise case study scenarios where appropriate alongside questions to challenge students thinking and to ensure that students can demonstrate a robust and comprehensive understanding of the material covered during the module alongside further reading in a controlled examination setting.</p> <p>Feedback can be gained from this module in the module delivery, on feedback sheets, on the VLE, in tutorials and in revision sessions.</p> <p>In line with the College's commitment to facilitating equal opportunities, 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.</p>

Identify final assessment component and element	Written Examination	
% weighting between components A and B (Standard modules only)	A: 100%	B: 0%
First Sit		
Component A (controlled conditions) Description of each element	Element weighting (as % of component)	
1. Written Examination (3 hours)	100%	

Resit (further attendance at taught classes is not required)	
Component A (controlled conditions) Description of each element	Element weighting (as % of component)
1. Written Examination (3 hours)	100%
If a student is permitted a retake of the module under the University Regulations and Procedures, the assessment will be that indicated by the Module Description at the time that retake commences.	