



CORPORATE AND ACADEMIC SERVICES

MODULE SPECIFICATION

Part 1: Basic Data					
Module Title	Introduction to Veterinary Science				
Module Code	UINXR3-15-1	Level	1	Version	1
Owning Faculty	Hartpury	Field	Animal and Land Science		
Contributes towards	FdSc Animal Management FdSc Equine Management				
UWE Credit Rating	15	ETCS Credit Rating	7.5	Module Type	Standard
Pre-requisites	None		Co-requisites	None	
Excluded Combinations	None		Module Entry requirements	None	
Valid From	01 September 2013		Valid to	01 September 2019	

CAP Approval Date	06 August 2013
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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 Demonstrate practical competence in laboratory techniques e.g faecal worm egg count from horse faeces; urinalysis; microscopy and carry out practical clinical examination of an animal (B). 2 Identify parasites from the common groups, understand their importance and the basis of control measures (A, B). 3 Discuss the concept of health and disease, methods of infection control and disease prevention (A). 4 Discuss the symptoms of the named notifiable disease rabies, and measures that must be taken in the event of an outbreak (A). 5 Describe the principles of first aid and evaluate their use in a range of species in emergency situations including how to provide maintenance fluid therapy in either a dog or horse (B).
Syllabus Outline	<ol style="list-style-type: none"> 1 Legislation: Examples include; Veterinary surgeons Act 1996, Animal Welfare Act 2006, Wildlife and Countryside Act 1984, CITES; Import and Export legislation; Transport legislation and other welfare legislation; rabies legislation, quarantine legislation, quarantine units. 2 Practical laboratory techniques commonly used in veterinary practices; health and safety in the practice laboratory; collection, preparation and preservation of samples; including perform a faecal worm egg count, perform urinalysis, including specific gravity and microscopy; competently prepare a blood smear. 3 Parasites and their control: helminths, arthropods and protozoa; basic methods of diagnosis, preventions and treatments. Including identification of specific species (including the correct Latin names).

	<p>4 Concept of health and disease: review of causative organisms; notifiable diseases, (examples of symptoms, susceptible animals, means of spread, treatment, prevention and control, what to do in the event of an outbreak) zoonoses, anthroponoses; methods of disease detection and diagnosis, prevention of spread; health monitoring clinical health examination to be included). (Notifiable diseases: examples of symptoms, susceptible animals, means of spread, treatment, prevention and control, what to do in the event of an outbreak).</p> <p>5 First aid related to domestic, equine and wild animals: theoretical and practical application; assessment of the patient in an emergency situation. Some medical nursing techniques including appropriate use of veterinary terminology. Assessments include fluid therapy, correct restraint techniques and first aid aims and rules with scenarios including RTA's, Urinary blockage in felines (due to struvite crystals).</p> <p><i>This module will be delivered with an equine and/ or small animal focus, depending upon the programme of study</i></p>															
Contact Hours/ Scheduled Hours	<p>Indicative delivery modes:</p> <table border="0" style="width: 100%;"> <tr> <td>Lectures, guided learning, seminars etc</td> <td style="text-align: right;">33</td> </tr> <tr> <td>Self directed study</td> <td style="text-align: right;">3</td> </tr> <tr> <td>Independent learning</td> <td style="text-align: right;">114</td> </tr> <tr> <td>TOTAL</td> <td style="text-align: right;">150</td> </tr> </table>	Lectures, guided learning, seminars etc	33	Self directed study	3	Independent learning	114	TOTAL	150							
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Teaching and Learning Methods	<p>Scheduled learning This module is based on a total amount of 150 hours study time of which 36 hours will represent scheduled learning.</p> <p>Scheduled learning will typically include lectures, seminars, practical sessions and an interactive forum.</p> <p>Scheduled learning may also take a synchronous virtual form rather than face-to-face, through the use of email discussion groups, virtual learning environments (VLEs) and other technology-aided means.</p> <p>Independent learning Independent learning includes hours engaged with essential reading, case study preparation, assignment preparation and completion. Student study time will be organised each week with a series of both essential and further readings and preparation for examinations.</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> <p>Key Information Set – Module Data</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="4">Number of credits for this module</td> <td style="text-align: center; border: 1px solid black;">15</td> </tr> <tr> <th style="width: 15%;">Hours to be allocated</th> <th style="width: 25%;">Scheduled learning and teaching study hours</th> <th style="width: 20%;">Independent study hours</th> <th style="width: 20%;">Placement study hours</th> <th style="width: 20%;">Allocated Hours</th> </tr> <tr> <td style="text-align: center;">150</td> <td style="text-align: center;">36</td> <td style="text-align: center;">114</td> <td style="text-align: center;">0</td> <td style="text-align: center;">150</td> </tr> </table>	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>1 <i>Written Exam</i>: Unseen written exam, open book written exam, in-class test. 2 <i>Coursework</i>: Written assignment or essay, report, dissertation, portfolio, project. 3 <i>Practical Exam</i>: 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> <p>Total assessment of the module:</p> <table border="1" data-bbox="384 589 1059 734"> <tr> <td>Written exam assessment percentage</td> <td>100%</td> </tr> <tr> <td>Coursework assessment percentage</td> <td>0%</td> </tr> <tr> <td>Practical exam assessment percentage</td> <td>0%</td> </tr> <tr> <td></td> <td>100%</td> </tr> </table>	Written exam assessment percentage	100%	Coursework assessment percentage	0%	Practical exam assessment percentage	0%		100%
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Reading Strategy	<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 journals, evaluation information and referencing. Sign up workshops are also offered.</p> <p>Essential reading Any essential reading will be indicated clearly, along with the method for accessing it. Students may be asked to purchase a set text, be given a print study pack or be referred to texts that are available electronically.</p> <p>Further reading Students 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 purpose of this is to ensure students are familiar with current research, classic works and material specific to their interests from the academic literature.</p> <p>All further reading resources will be available via both College and University libraries.</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, including the module guide.</p> <ul style="list-style-type: none"> • Pugliese, A. and Gaiti, A. (Current Edition). <i>Veterinary Science</i>. Springer: London • Blood, D.C. and Studdert, V.P. (Current Edition). <i>Saunders complete veterinary dictionary</i>. WB Saunders: London. • Cooper, M.E. (Current Edition). <i>An Introduction to Animal Law</i>. Academic Press Limited: London. • Dallas, S. (Current Edition). <i>Manual of Veterinary Care: BSAVA</i>. Wiley & Sons: Gloucester. • Georgi, J.R. and Georgi, M.E. (Current Edition). <i>Canine Clinical Parasitology</i>. Lea & Febiger: Philadelphia. • Radostilss, O.M. (Current Edition). <i>Veterinary Medicine</i>. WB Saunders: London. • Urquhart, G.M., Armour, J., Duncan, J.L., Dunn, A.M., and Jennings, F.W. (Current Edition). <i>Veterinary Parasitology</i>. Blackwell Science Ltd: Oxford. 								

Part 3: Assessment

Assessment Strategy	<p>A range of assessment techniques will be employed to ensure that learners can meet the breadth of learning outcomes presented in this module alongside the ability to demonstrate transferable skills e.g. communication skills.</p> <p>Open Book Examination: A set of questions will be designed to allow students to apply first principles of their academic study to unseen scenarios. Although you are allowed to take supporting information into the examination with you it is recommended that you still revise as intensively as if it was not an open book examination. This is because your written support material is there to support you and so that you do not need to memorise mathematical formulae, however there is not time to look every point up and you will require a sound knowledge of the module materials to do well in the examination.</p> <p>Practical Lab Report Examination: This will take the form of a multiple series of assessments. Students will be given three different work station assessments, designed to encourage engagement in the practical sessions and develop skills of application to industry and research. The practical elements of the exam will be relevant to the veterinary industry and relate findings/observations to material learnt in lectures and gained in additional study via analysis, evaluation and discussion.</p> <p>Opportunities for formative assessment exist for the assessment strategy used. Verbal feedback is given and all students will engage with personalised tutorials setting SMART targets as part of the programme design.</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>
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Identify final assessment component and element	Practical Laboratory Report Examination.
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% weighting between components A and B (Standard modules only)	A:	B:
	40%	60%

First Sit

Component A (controlled conditions) Description of each element	Element weighting
1 Open Book Examination (1 hour)	40%
Component B Description of each element	Element weighting
1 Practical Laboratory Report Examination (2 hours)	60%

Resit (further attendance at taught classes is not required)

Component A (controlled conditions) Description of each element	Element weighting
1 Open Book Examination (1 hour)	40%
Component B Description of each element	Element weighting
1 Practical Laboratory Report Examination (2 hours)	60%

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.