

## Module Specification

Part 1: Identification					
Module Title	Applied Animal Health and Disease				
Module Code	HANXSN-15-5	Level	5	Version	1.2
Department	Animal	Credit Rating	30	ECTS Credit Rating	15
Contributes towards	BSc (Hons) Animal Science BSc (Hons) Applied Animal Science BSc (Hons) Applied Animal Science with Therapy BSc (Hons) Bioveterinary Science FdSc Animal Science & Management FdSc Animal Management FdSc Equine Management BSc (Hons) Human-Animal Interaction BSc (Hons) Human-Animal Interaction with Psychology				
Pre-requisites	Animal Health and Disease (HANXKK-15-4); or Introduction to Veterinary Science (HANXR3-15-4)	Module Type	Standard		
Excluded Combinations	None	Module Entry requirements	None		
Last Major Approval Date	V1.0 1 <sup>st</sup> September 2017	Valid from	1 <sup>st</sup> September 2018		
Amendment Approval Date	V1.2 31 August 2018	Revised with effect from	V1.2 01 September 2018		

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"> <li>1 Discuss diseases affecting body systems (including parasitic infection) and evaluate the use of a range of methods available for diagnosis of disease (A, B).</li> <li>2 Understand current issues in veterinary science (A).</li> <li>3 Evaluate scientific principles of therapeutic treatments and their application to clinical cases (A, B).</li> <li>4 Analyse cases in which inappropriate management has contributed to disease and formulate scientific solutions to the problem and defend the position taken (A, B).</li> </ol>
Syllabus Outline	<ol style="list-style-type: none"> <li>1 Diseases affecting body systems, which may include: respiratory, cardiovascular, digestive, urinary, neurological, sensory, endocrine, musculoskeletal, dermatological and oncological.</li> </ol>

	<div>2Diagnostic aids: post mortem; pathology; microscopy; biochemical examination; haematology; examination of faeces, urine, skin, CSF; use of palpation, auscultation.</div> <div>3Diagnostic imaging, which may include: radiography, ultrasonography, MRI and CT scanning, nuclear scintigraphy, endoscopy, physical principles, health and safety issues, clinical uses and future of imaging.</div> <div>4Parasitology: Ecto- and endo-parasites; symptoms, diagnosis and control.</div> <div>5Therapeutic treatment; pharmacological, surgical, dietary and physiotherapy</div>																																															
Teaching and Learning Methods	<div><b>Scheduled learning</b> May include lectures, seminars, tutorials, project supervision, demonstration, practical classes and workshops; external visits.</div> <div><b>Independent learning</b> May include hours engaged with essential reading, case study and/or seminar preparation, assignment preparation and completion etc.</div> <div><b>Virtual learning environment (VLE) (or equivalent)</b> 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 (or equivalent).</div>																																															
Unistats Information	<div>HEFCE require Unistats information to be produced at programme level for all undergraduate programmes of more than one year in length. These are comparable sets of standardised information about undergraduate courses allowing prospective students to compare and contrast between programmes they are interested in applying for.</div> <div><table><tr><td colspan="5">Expected learning hours for the module:</td></tr><tr><td colspan="5"></td></tr><tr><td colspan="4">Number of credits for this module</td><td>30</td></tr><tr><td colspan="5"></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>300</td><td>72</td><td>228</td><td>0</td><td>300</td></tr><tr><td colspan="5"></td></tr></table></div> <div>The table below indicates as a percentage the total assessment of the module which constitutes a -</div> <div><div><b>Written Exam:</b> Unseen written exam, open book written exam, In-class test</div><div><b>Coursework:</b> Written assignment or essay, report, dissertation, portfolio, project</div><div><b>Practical Exam:</b> Oral Assessment and/or presentation, practical skills assessment, practical exam</div></div> <div>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:</div> <div><table><tr><td colspan="2">Total assessment of the module:</td></tr><tr><td colspan="2"></td></tr><tr><td>Written exam assessment percentage</td><td>60%</td></tr><tr><td>Coursework assessment percentage</td><td>40%</td></tr><tr><td>Practical exam assessment percentage</td><td>0%</td></tr><tr><td></td><td>100%</td></tr></table></div>	Expected learning hours for the module:										Number of credits for this module				30						Hours to be allocated	Scheduled learning and teaching study hours	Independent study hours	Placement study hours	Allocated Hours	300	72	228	0	300						Total assessment of the module:				Written exam assessment percentage	60%	Coursework assessment percentage	40%	Practical exam assessment percentage	0%		100%
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Reading Strategy	Core material will be indicated to the student via pre-course material, module guides and through their accessing a dedicated VLE programme presence.																																															

	<p>Students are expected to identify all other reading relevant to their chosen topic for themselves. They will be required 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 further reading is to ensure students are familiar with current research, classic works and material specific to their interests from the academic literature and wider professional sources.</p> <p><b>Access and skills</b></p> <p>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>
Indicative Reading List	<p>The following list is offered to provide the Curriculum Approval Committee/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> <ul style="list-style-type: none"> <li>• Davidson, M.G. (Ed) (Current Edition) <i>Manual of Small Animal Clinical Pathology</i>. Cheltenham: BSAVA.</li> <li>• Douglas, S.W., Herrtage, M.E., and Williamson, H.D. (Current Edition) <i>Principles of Veterinary Radiography</i>. London: Balliere Tindall.</li> <li>• Easton, S. (Current Edition) <i>Practical Radiography for Veterinary Nurses</i>. Edinburgh: Butterworth-Heinemann.</li> <li>• Han, C.M. and Hurd, C.D. (Current Edition) <i>Practical Diagnostic Imaging for the Veterinary Technician</i>. St. Louis: Mosby.</li> <li>• Kerr, M.G. (Current Edition) <i>Veterinary Laboratory Medicine</i>. Oxford: Blackwell Science.</li> <li>• McCurnin, D.M. and Bassett, J.M. (Current Edition) <i>Clinical Textbook for Veterinary Technicians</i>. Philadelphia: W.B. Saunders.</li> <li>• Nelson, R.W. and Guillermo-Couto, C. (Current Edition) <i>Small Animal Internal Medicine</i>. St. Louis: Mosby.</li> <li>• Radostits, O.M. (Current Edition) <i>Veterinary Medicine</i>. London: Saunders.</li> <li>• Taylor, M.A., Coop, R.L. and Wall, R.L. (Current Edition) <i>Veterinary Parasitology</i>. Oxford: Blackwell Publishing.</li> </ul> <p>Journals:</p> <ul style="list-style-type: none"> <li>• The Veterinary Journal</li> <li>• Veterinary Record</li> <li>• Veterinary Times</li> </ul> <p>Websites:</p> <ul style="list-style-type: none"> <li>• Animal Health and Veterinary Laboratories Agency <a href="http://www.defra.gov.uk/ahvla-en/">http://www.defra.gov.uk/ahvla-en/</a></li> <li>• Animal Health Trust <a href="http://www.aht.org.uk/">http://www.aht.org.uk/</a></li> <li>• DEFRA <a href="https://www.gov.uk/government/organisations/department-for-environment-food-rural-affairs">https://www.gov.uk/government/organisations/department-for-environment-food-rural-affairs</a></li> <li>• The Food and Environment Research Agency <a href="http://www.fera.defra.gov.uk/">http://www.fera.defra.gov.uk/</a></li> <li>• World Health Organization <a href="http://www.who.int/countries/gbr/en/">http://www.who.int/countries/gbr/en/</a></li> </ul>

Part 3: Assessment	
Assessment Strategy	<p>The assessment strategy for the module is via a written examination and a written assignment.</p> <p>The written examination has been chosen so as to allow the knowledge and skills gained throughout the module from a wide range of learning outcomes to be assessed in controlled examination settings.</p> <p>The written assignment has been chosen so as to facilitate in depth utilisation of the information covered throughout the module, as well as via additional study, on specific groups of disorders.</p> <p>Formative feedback can be gained from this module in the module delivery, on the VLE, in tutorials and in revision sessions. Summative feedback can be gained upon exam and assignment scripts.</p> <p>In line with the Institution'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)	<b>A:</b>	<b>B:</b>
	60%	40%
<b>First Sit</b>		
<b>Component A</b> (controlled conditions) <b>Description of each element</b>	<b>Element weighting</b>	
1. Written examination (2.5 hour)	100%	
<b>Component B</b> <b>Description of each element</b>	<b>Element weighting</b>	
1. Written assignment (2,000 words)	100%	

Resit (further attendance at taught classes is not required)	
<b>Component A</b> (controlled conditions) <b>Description of each element</b>	<b>Element weighting</b>
1. Written examination (2.5 hour)	100%
<b>Component B</b> <b>Description of each element</b>	<b>Element weighting</b>
1. Written assignment (2,000 words)	100%
If a student is permitted a retake of the module, the assessment will be that indicated by the Module Specification at the time that retake commences.	


## Module Amendment Log

<b>Module Title:</b>	Applied Animal Health and Disease
<b>Module Code:</b>	HANXSN-30-5
<b>Initial Approval Date:</b>	1 <sup>st</sup> September 2017
<b>Approved by:</b>	Hartpury Curriculum Approval Committee
<b>Approved until:</b>	01 September 2023

**Changes:**

### Version 1.1

<b>Rationale:</b> Contributes toward details updated to include BSc (Hons) Human-Animal Interaction (SW), BSc (Hons) Human-Animal Interaction with Psychology (SW)	
<b>Material Alteration:</b> No	
<b>Outline Change Details:</b> As above	
<b>Change requested by:</b>	Jane Williams
<b>CVC approval date:</b>	17 January 2018
<b>Change approved with effect from:</b>	01 September 2018
<b>New version number:</b>	V1.1

<b>Current version number:</b> v.1.1	
<b>Outline Change Details:</b> Adopting new naming system for programmes	
<b>Material Alteration:</b> No	
<b>Rationale:</b> To reflect the Hartpury Academic Regulations	
<b>Change requested by:</b> Academic Registrar	
<b>Signature:</b>	<b>Date:</b> 01 August 2018
	
<b>Approval Committee and Date:</b>	Curriculum Validation Committee 2018 08 31
<b>Change approved with effect from:</b>	01 September 2018
<b>Resulting new version number:</b>	v.1.2