Module Specification

Part 1: Identification						
Module Title	Applied Animal Health and Disease					
Module Code	HANXSN-15-5		Level	*5*	Version	1.3
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 BSc (Hons) Human-Animal Interaction BSc (Hons) Human-Animal Interaction with Psychology BSc (Hons) Zoology FdSc Animal Management FdSc Animal Science & Management FdSc Equine Management					
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 September 2017		Valid from	1 September 2018		
Amendment Approval Date	V1.2 31 August 2018 V1.3 06 August 2019		Revised with effect from	V1.2 01 September 2018 V1.3 01 September 2019		

Part 2: Learning and Teaching	
Learning Outcomes	On successful completion of this module students will be able to: 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). 2 Understand current issues in veterinary science (A). 3 Evaluate scientific principles of therapeutic treatments and their application to clinical cases (A, B). 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).
Syllabus Outline	1 Diseases affecting body systems, which may include: respiratory, cardiovascular, digestive, urinary, neurological, sensory, endocrine, musculoskeletal, dermatological and oncological.

	2 Diagnostic aids: post mortem; pathology; microscopy; biochemical examination; haematology; examination of faeces, urine, skin, CSF; use of palpation, auscultation.
	3 Diagnostic 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.
	4 Parasitology: Ecto- and endo-parasites; symptoms, diagnosis and control.
	5 Therapeutic treatment; pharmacological, surgical, dietary and physiotherapy
Teaching and Learning Methods	**_Scheduled learning_** May include lectures, seminars, tutorials, project supervision, demonstration, practical classes and workshops; external visits. **_Independent learning_** May include hours engaged with essential reading, case study and/or seminar preparation, assignment preparation and completion etc. **_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 (or equivalent).
Unistats Information	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.

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	✔

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	60%
Coursework assessment percentage	40%
Practical exam assessment percentage	0%
	100%

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.

	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. ***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.
Indicative Reading List	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. • Davidson, M.G. (Ed) (Current Edition) *Manual of Small Animal Clinical Pathology*. Cheltenham: BSAVA. • Douglas, S.W., Herrtage, M.E., and Williamson, H.D. (Current Edition) *Principles of Veterinary Radiography*. London: Balliere Tindall. • Easton, S. (Current Edition) *Practical Radiography for Veterinary Nurses*. Edinburgh: Butterworth-Heinemann. • Han, C.M. and Hurd, C.D. (Current Edition) *Practical Diagnostic Imaging for the Veterinary Technician*. St. Louis: Mosby. • Kerr, M.G. (Current Edition) *Veterinary Laboratory Medicine*. Oxford: Blackwell Science. • McCurnin, D.M. and Bassert, J.M. (Current Edition) *Clinical Textbook for Veterinary Technicians*. Philadelphia: W.B. Saunders. • Nelson, R.W. and Guillermo-Couto, C. (Current Edition) *Small Animal Internal Medicine.* St. Louis: Mosby. • Radostits, O.M. (Current Edition) *Veterinary Medicine.* London: Saunders. • Taylor, M.A., Coop, R.L. and Wall, R.L. (Current Edition) *Veterinary Parasitology*. Oxford: Blackwell Publishing. Journals: • The Veterinary Journal • Veterinary Record • Veterinary Times Websites: • Animal Health and Veterinary Laboratories Agency http://www.defra.gov.uk/ahvla-en/ • Animal Health Trust http://www.aht.org.uk/ • DEFRA https://www.gov.uk/government/organisations/department-for-environment-food-rural-affairs • The Food and Environment Research Agency http://www.fera.defra.gov.uk/ • World Health Organization http://www.who.int/countries/gbr/en/

Part 3: Assessment	
Assessment Strategy	The assessment strategy for the module is via a written examination and a written assignment. 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. 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. 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. . 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.

Identify final assessment component and element	Written examination	
	A:	**B**:
% weighting between components A and B (Standard modules only)	60%	40%

First Sit	
Component A (controlled conditions) **Description of each element**	**Element weighting**
1. Written examination (2.5 hour)	100%
Component B **Description of each element**	**Element weighting**
1. Written assignment (2,000 words)	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%
Component B **Description of each element**	**Element weighting**
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

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

Changes:

Current version number: v.1.2	
Outline Change Details: Update 'contributes towards' to include BSc (Hons) Zoology	
Approval Committee and Date:	CVC 2019 08 06
Change approved with effect from:	01 September 2019
Resulting new version number:	v.1.3

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

Version 1.1

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