

Module Descriptor

Part 1: Basic Data					
Module Title	Applied Animal Health and Disease				
Module Code	HANXSN-30-5	Level	5	Version	2.0
Credit Rating	30	ECTS Credit Rating	15		
Teaching Institution	Hartpury	Department	Animal and Agriculture	Module Type	Standard
Contributes towards	BSc (Hons) Applied Animal Science with Therapy BSc (Hons) Bioveterinary Science BSc (Hons) Human-Animal Interaction BSc (Hons) Zoology				
Professional Accrediting Body	None	Module Entry requirements	None		
Pre-requisites	HANXKK-15-4 Animal Health and Disease	Excluded Combinations	None		
Most recent Validation Date	21 March 2022	Due for re-validation by	01 September 2027		
Amendment Approval Date		Approved with effect from	V2.0 - 01 September 2022		

Part 2: Module Content	
Learning Outcomes	<p>On successful completion of this module students will be able to:</p> <ol style="list-style-type: none"> 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	<ul style="list-style-type: none"> • Diseases affecting body systems, which may include: respiratory, cardiovascular, digestive, urinary, neurological, sensory, endocrine, musculoskeletal, dermatological and oncological. • Define core diagnostic aids: post mortem; pathology; microscopy; biochemical examination; haematology; examination of faeces, urine, skin, cerebrospinal fluid; use of palpation, auscultation and apply these to learnt sessions • 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.

	<ul style="list-style-type: none"> Parasitology: Ecto- and endo-parasites; symptoms, diagnosis and control. Therapeutic treatment; pharmacological, surgical, dietary and physiotherapy <p>Students will develop the following skills:</p> <ul style="list-style-type: none"> Evaluate and draw conclusions from information, to find sustainable solutions to complex problems Demonstrates integrity and can instill confidence in others Link the discipline to local, national, and global issues within the community and industry to seek positive wellbeing and sustainable solutions for vet practitioners and further afield. Attitudes, perceptions, practices, beliefs, and values for individuals from diverse backgrounds and how far these align with the professional environment. Development at the local level and further afield Question norms, practices and opinions involving the field considering sustainable systems food and farming, environmental law, waste and pollution, health and well-being
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Part 3: Learning, Teaching and Assessment	
Description of Learning and Teaching	<p><i>Scheduled learning</i> May include lectures, seminars, tutorials, debates, group work, project supervision, demonstration, practical classes and workshops; external visits.</p> <p><i>Independent learning</i> May include hours engaged with essential reading, case study and/or seminar preparation, assignment preparation and completion etc.</p> <p><i>Virtual learning environment (VLE) (or equivalent)</i> 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).</p>
Resource Strategy	<p>Essential reading Essential material will be indicated to the student via pre-course material, module guides and through their accessing a dedicated VLE presence. No requirement for the purchase of set text(s) will be made unless explicitly stated and students will have full access to library services, online applications, and inter-library loans.</p> <p>Further reading 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>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>

Assessment Strategy	<p>This module will be assessed according to the approved Hartpury Academic Regulations including any specific regulations detailed within the student's programme specification.</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>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	A1	
% weighting between components A and B (Standard modules only)	A:	B:
	60%	40%
First Sit		
Component A Description of each element	Element weighting (as % of component)	
1. Written Examination (2.5 hours)	100%	
Component B Description of each element	Element weighting (as % of component)	
1. Coursework (2,000 words)	100%	

Resit (further attendance at taught classes is not required)	
Component A Description of each element	Element weighting (as % of component)
1. Written Examination (2.5 hours)	100%
Component B Description of each element	Element weighting (as % of component)
1. Coursework (2,000 words)	100%
If a student is permitted a retake of the module under the Academic Regulations, the assessment will be that indicated by the Module Specification at the time that retake commences.	

Part 4: Unistats Information	
Unistats Information	<p>The Office for Students (OfS) 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.</p> <p>Expected learning hours for the module:</p>

Hours to be allocated	Scheduled learning and teaching study hours	Independent study hours	Placement study hours
300	72	228	0


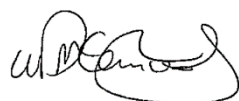
Please note that this is the total of various types of assessment and will not necessarily reflect the component and module weightings in the Assessment section of this module description:

Total assessment of the module	Percentage
Written Examination (Written Examination)	60%
Coursework (Coursework)	40%
Practical Examination (Practical Skills Examination / Practical Skills Assessment / Oral Assessment)	0%
Total	100%

Module Amendment Log


Module Title:	Applied Animal Health and Disease
Module Code:	HANXSN-30-5
Initial Approval Date:	1 st September 2017

Approved Module Changes (most recent at the top):

Current version number: 1.3	
Outline Change Details:	
<ol style="list-style-type: none"> 1. Document amended to meet requirements of new 2022 template. 2. Part one: contributes towards - FdSc Animal Management, FdSc Animal Science & Management, FdSc Equine Management, BSc (Hons) Animal Science and BSc (Hons) Applied Animal Science, and HAI with Psychology removed. 3. HANXR3-15-4 Introduction to Veterinary Science removed as pre-requisite. 4. Assessment lengths and descriptors altered 	
Material Alteration: No	
Rationale:	
<ol style="list-style-type: none"> 1. Module aligned to Hartpury academic curriculum framework. 2. To ensure accuracy. 3. Pre-requisite on a programme that this module no longer contributes towards 4. To align with academic curriculum framework 	
Module description for Course Marketing Purposes:	
Study advanced disease diagnosis, treatment and key pathogenic causes of disease in both companion and production animals.	
Change requested by: B Klinkenberg	
I can confirm that all programme managers have been consulted and support this change I can confirm that student representatives have been consulted about this change I have retained evidence of this consultation which has been placed in the Module File	
	
Signature:	Date: 24/1/22
Name of Head of Department: Wanda McCormick	
<ul style="list-style-type: none"> • I confirm that this change does not require additional resources beyond the scope of those already present or planned for by the department, and have not included a completed Resource Impact and Authorisation Form • I can confirm that this change does not require a change to the HECOS code 	
	
Signature:	Date: 24/01/2022
Approval Committee and Date:	Refresh Approval Panel action 2022 03 21
Change approved with effect from:	01 September 2022
Resulting new HECOS code:	100523 Animal Science
Resulting new version number:	2.0

Current version number: 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:	1.3

Current version number: 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: 	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:	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:	1.1

Initial HECOS code:	100523 Animal Science
Initial module description for Course Marketing Purposes: Study advanced disease diagnosis, treatment and key pathogenic causes of disease in both companion and production animals.	