University of the West of England
BRISTOL

CORPORATE AND ACADEMIC SERVICES

MODULE SPECIFICATION

Part 1: Basic Data						
Module Title	Applied Animal Health and Disease					
Module Code	UINXSN-30-2		Level	2	Version	1.1
Owning Faculty	Hartpury		Field	Animal and Land Science		
Contributes towards	BSc (Hons) Animal Science (SW) BSc (Hons) Animal Science BSc (Hons) Applied Animal Science (SW) BSc (Hons) Applied Animal Science BSc (Hons) Applied Animal Science with Therapy (SW) BSc (Hons) Applied Animal Science with Therapy BSc (Hons) Bioveterinary Science FdSc Animal Science & Management FdSc Animal Management FdSc Animal Management (SW) FdSc Equine Management FdSc Equine Management (SW)					
UWE Credit Rating	30	ECTS Credit Rating	15	Module Type	Standard	
Pre-requisites	Animal Health and Disease (UINXKK-15-1); or Introduction to Veterinary Science (UINXR3-15-1)		Co-requisites	None		
Excluded Combinations	None		Module Entry requirements	None		
Initial CAP Approval Date	27 January 2014		Valid from	01 September 2014		
Revised CAP Date	10 February 2016		Revision with effect from	01 September 2016		

Review Date	01 September 2020

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.
Contact Hours	Indicative delivery modes: Lectures, guided learning, seminars 66 Self-directed study 6 Independent study 228 **TOTAL HOURS** **300**
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).
Key Information Sets Information	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. **Key information set – module data** Number of credits for this module: 300 Hours to be allocated: 300 | Scheduled learning and teaching study hours: 72 | Independent study hours: 228 | Placement study hours: 0 | Allocated Hours: 300 The table below indicates as a percentage the total assessment of the module which constitutes: 1 *Written Exam:* Unseen written exam, open book written exam, in-class test. 2 *Coursework:* Written assignment or essay, report, dissertation, portfolio, project. 3 *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 readings*** 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. ***Further readings*** 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 widely using the library search, 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. ***Access and skills*** Formal opportunities for students to develop their library and information skills are provided within the induction period and study 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 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. • 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 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 leaning and assessment needs. For further information regarding this please refer to the VLE.		
Identify final assessment component and element	Written examination		
% weighting between components A and B (Standard modules only)		**A:**	**B**:
		60%	40%
First Sit			
Component A (controlled conditions) **Description of each element**		**Element weighting**	
1	Written examination (2.5 hours)	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 hours)	100%	
Component B **Description of each element**		**Element weighting**	
1	Written assignment (2,000 words)	100%	
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.			