

CORPORATE AND ACADEMIC SERVICES

MODULE SPECIFICATION

Part 1: Basic Data						
Module Title	Animal Disease					
Module Code	UINV3J-30-3		Level	3	Version	1
UWE Credit Rating	30	ECTS Credit Rating	15	WBL module?	No	
Owning Faculty	Hartpury		Field	Animal and Land Science		
Department	Animal and Land		Module Type	Standard		
Contributes towards	BSc (Hons) Animal Management (Top-up) BSc (Hons) Bioveterinary Science					
Pre-requisites	Applied Animal Health and Disease (UIN XSN-30-2)		Co- requisites	None		
Excluded Combinations	None		Module Entry requirements	None		
Valid From	01 September 2015		Valid to	01 September 2021		

CAP Approval Date	12 January 2015
--------------------------	-----------------

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. Evaluate principles that underpin veterinary public health. (A) 2. Appraise the effect of disease on the individual and within populations. (A,B) 3. Critically evaluate prevention and control measures for infectious animal diseases. (A) 4. Critically appraise the use of immunodiagnostics. (A) 5. Critically evaluate the validity of vaccination programmes. (A) 6. Evaluate the immunological responses that underpin animal disease. (A,B)
Syllabus Outline	<ul style="list-style-type: none"> • Endemic and exotic diseases in UK animal populations • Exotic diseases and the risk they pose to the UK • Zoonosis • Safety of food of animal origin • Vaccination; principals, types and uses • Mechanisms of innate and adaptive immunity • Immunodiagnostics • Hypersensitivity • Passive immunity and failure of passive transfer
Contact Hours	<p>Indicative delivery modes</p> <ul style="list-style-type: none"> • Lectures and seminars <p style="text-align: right;">66</p>

	<ul style="list-style-type: none">Self directed learningIndependent learning <p>TOTAL</p>	<p>6</p> <p>228</p> <p>300</p>																																			
Teaching and Learning Methods	<p>A variety of learning strategies will be used including lectures (66 hours) and self-directed study (6 hours). Students will be expected to engage in independent learning throughout the semester (228 hours).</p> <p>Scheduled learning includes lectures, seminars, tutorials, practical classes</p> <p>Independent learning includes hours engaged with essential reading, case study preparation, assignment preparation and completion etc. These sessions constitute an average time per level as indicated in the table below. Scheduled sessions may vary slightly depending on the module choices you make.</p> <p>Virtual Learning Environment (VLE) This module is supported by VLE where students will be able to find all necessary module information. Direct links to information sources will also be provided from within 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> <table><tr><th colspan="5">Key Information Set - Module data</th></tr><tr><td colspan="5">Number of credits for this module</td></tr><tr><td colspan="4"></td><td>30</td></tr><tr><th>Hours to be allocated</th><th>Scheduled learning and teaching study hours</th><th>Independent study hours</th><th>Placement study hours</th><th>Allocated Hours</th></tr><tr><td>300</td><td>66</td><td>234</td><td>0</td><td>300</td></tr></table> <p>The table below indicates as a percentage the total assessment of the module which constitutes a -</p> <p>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</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> <table><tr><td colspan="2">Total assessment of the module:</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>	Key Information Set - Module data					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	66	234	0	300	Total assessment of the module:		Written exam assessment percentage	60%	Coursework assessment percentage	40%	Practical exam assessment percentage	0%		100%	
Key Information Set - Module data																																					
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	66	234	0	300																																	
Total assessment of the module:																																					
Written exam assessment percentage	60%																																				
Coursework assessment percentage	40%																																				
Practical exam assessment percentage	0%																																				
	100%																																				
Reading Strategy	<p>Essential readings Any essential reading will be indicated clearly, along with the method for accessing it,</p>																																				

	<p>e.g. students will be required to access research papers that are available electronically. Module guides will also reflect the range of reading to be carried out.</p> <p>Further Readings Further reading will be required to supplement reading recommended in class. 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.</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 of information and referencing.</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> <p>Books</p> <p>Clough, N. and Roth, J. (Current Edition) <i>Understanding Immunology</i>. Missouri, USA: Mosby.</p> <p>Cunningham, J.G. (Current Edition) <i>Textbook of Veterinary Physiology</i>. Philadelphia, USA: W.B. Saunders.</p> <p>Hugh-Jones, M.E., Hubbert, W.T. and Hagstad, H.V. (Current Edition) <i>Zoonoses: Recognition, Control, Prevention</i>. USA: Iowa State University Press.</p> <p>Radostits, O.M. (Current Edition) <i>Veterinary Medicine</i>. London: B. Saunders.</p> <p>Ramsey, I.K. and Tennant B.J. (Current Edition) <i>BSAVA Manual of Canine and Feline Infectious Diseases</i>. Gloucester: BSAVA.</p> <p>Roitt, I. (Current Edition) <i>Immunology</i>. Missouri, USA: Mosby.</p> <p>Journals</p> <p>Animal Health Journal</p> <p>Journal of Small Animal Practice</p> <p>The Equine Veterinary Journal</p> <p>Veterinary Record</p> <p>Journal of Veterinary Medicine</p> <p>The Veterinary Journal</p> <p>Websites</p> <p>Department for Environment Food and Rural Affairs www.defra.gov.uk</p> <p>Animal Health Trust www.aht.org.uk</p>

Part 3: Assessment	
Assessment Strategy	<p>The assessment strategy for the module is via a written examination (2.5 hours) and a written assignment of 1500 words.</p> <p>The examination will allow the knowledge and intellectual skills gained throughout the module to be assessed in a controlled examination setting.</p> <p>The written assignment will require students to complete a detailed critical analysis of a specified research paper.</p> <p>Formative feedback can be gained from this module in the module delivery, on blackboard, in tutorials and in revision sessions. Summative feedback can be gained upon exam scripts.</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>

Identify final assessment component and element	Written Examination		
% weighting between components A and B (Standard modules only)		A: 60%	B: 40%
First Sit			
Component A (controlled conditions) Description of each element		Element weighting	
Written Examination (2.5 hours)		100%	
Component B Description of each element		Element weighting	
Written Assignment (1500 words)		100%	

Resit (further attendance at taught classes is not required)	
Component A (controlled conditions) Description of each element	Element weighting
Written Examination (2.5 hours)	100%
Component B Description of each element	Element weighting
Written Assignment (1500 words)	100%
<p>If a student is permitted a retake of the module under the University Regulations and Procedures, the assessment will be that indicated by the Module Description at the time that retake commences.</p>	