



**CORPORATE AND ACADEMIC SERVICES**

**MODULE SPECIFICATION**

Part 1: Basic data					
Module title	Animal Husbandry for Veterinary Nurses				
Module code	UINXNT-15-1	Level	1	Version	1
Owning faculty	Hartpury	Field	Animal and Land Science		
Contributes towards	BSc (Hons) Veterinary Nursing Science (SW) FdSc Veterinary Nursing Science (SW) FdSc Equine Veterinary Nursing Science (SW)				
UWE credit rating	15	ECTS credit rating	7.5	Module type	Standard
Pre-requisites	None		Co-requisites	None	
Excluded combinations	None		Module entry requirements	None	
Valid from	01 September 2013		Valid to	01 September 2018	

<b>CAP approval date</b>	11 June 2013
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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 handling and restraining methods in a variety of animal species and status, prepare risk assessments for handling (A, B).</li> <li>2 Describe normal and abnormal animal behaviours in a stressful environment (A, B).</li> <li>3 Explain the responsibilities for the welfare of animals in their care (A).</li> <li>4 State the relevant legislation and codes of practice for handling and accommodating animals (A).</li> <li>5 Evaluate protocols and design monitoring systems for the management of animals in accommodation (B).</li> <li>6 Provide appropriate species specific restraint for a range of procedures (A, B).</li> <li>7 Select and prepare appropriate accommodation for a variety of species (B).</li> <li>8 Select and prepare appropriate diets for a range of medical needs and calculate nutritional requirements for inpatients (A, B).</li> </ol>
Syllabus outline	<p><i>For the purposes of this module, the term companion animal includes dogs, cats, exotic species, and horses.</i></p> <ol style="list-style-type: none"> <li>1 <i>Legislation:</i> Legislation and codes of practice in place to protect companion animals.</li> <li>2 <i>Housing:</i> Housing/accommodation: Design (including kennel and stable design), layout, size, construction materials, access to facilities, environmental requirements (ventilation, heating, lighting, bedding), maintenance and hygiene practices (waste disposal, disinfection techniques, isolation), safety considerations, accommodation for critically ill patients.</li> </ol>

	<p>3 <i>Nutrition:</i> Nutritional requirements (including life stage feeding and altered requirement of illness); food storage and preparation; feeding equipment; calculate nutritional and basic fluid needs and communicate them effectively.</p> <p>4 <i>Animal handling and restraint:</i> Safe and effective handling and restraint to include the selection and use of personal protective equipment, and how to safely transport a range of species.</p> <p>5 <i>Routine monitoring systems in accommodation:</i> Cleaning and quarantine protocols relating to the spread of disease, isolation and barrier nursing.</p> <p>6 <i>Animal health:</i> Key factors in maintaining companion animal health including housing, feeding, exercise, grooming, foot care, dental hygiene, vaccination, parasite control, normal and abnormal presentations including behaviour, appearance, mobility and excretions.</p> <p>7 <i>Identification:</i> Breed, markings, colours and distinguishing features, owner registration (tattooing, microchips, tags, freeze-marking), blood typing, DNA testing, passports (including requirements for record keeping in relation to animal movements and medicine use).</p> <p>8 The role of companion animals in society: Guide dogs, hearing dogs, rescue and emergency alert, sporting dogs and horses as utility animals.</p> <p>9 <i>Equine neonatal care:</i> Immunity, normal adaptive behaviour and reflexes of new born foals, foal nutrition and feeding, handling and foot care.</p> <p>All of the above topics will be considered in line with the current LANTRA Veterinary Nursing Occupational Standards (NOS) CU37, CU45, RVN5, RVN 9, RVN 30 and The RCVS Day One Skills List: VN4, VN7.1 - 7.5, VN 7.7, 7.8, SAVN18.6, EQVN23.2, EQVN24.6, EQVN 25.1, 25.2.</p>								
Contact hours	<p>Indicative delivery modes:</p> <table data-bbox="387 1003 1066 1126"> <tr> <td>Lectures, guided learning, seminars etc</td> <td>48</td> </tr> <tr> <td>Self directed study</td> <td>3</td> </tr> <tr> <td>Independent learning</td> <td>99</td> </tr> <tr> <td><b>TOTAL</b></td> <td><b>150</b></td> </tr> </table>	Lectures, guided learning, seminars etc	48	Self directed study	3	Independent learning	99	<b>TOTAL</b>	<b>150</b>
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Teaching and learning methods	<p>A variety of teaching and learning strategies will be used; to include lectures, demonstrations, practical sessions, tutorials and e-learning. Students will be given programme specific support to ensure that the taught subjects are applied to veterinary nursing practice.</p> <p>The topics covered within the module will be delivered with both a small animal and an equine focus.</p> <p><b>Scheduled learning</b> May include lectures, seminars, tutorials, demonstration, practical classes and handling sessions in the animal house and the equine yard, and simulations in the Veterinary Nursing Centre.</p> <p><b>Independent learning</b> May include hours engaged with essential reading, case study preparation, assignment preparation and completion. 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><b>Virtual learning environment (VLE)</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 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> <p><b><u>Key information set – module data</u></b></p> <p>Number of credits for this module <span style="float: right; border: 1px solid black; padding: 2px;">15</span></p> <table border="1" data-bbox="389 474 1447 663"> <thead> <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> </thead> <tbody> <tr> <td style="text-align: center;">150</td> <td style="text-align: center;">51</td> <td style="text-align: center;">99</td> <td style="text-align: center;">0</td> <td style="text-align: center;">150</td> </tr> </tbody> </table> <p>The table below indicates as a percentage the total assessment of the module which constitutes a:</p> <ol style="list-style-type: none"> <li>1 <i>Written Exam:</i> Unseen written exam, open book written exam, in-class test.</li> <li>2 <i>Coursework:</i> Written assignment or essay, report, dissertation, portfolio, project.</li> <li>3 <i>Practical Exam:</i> Oral assessment and/or presentation, practical skills assessment, practical exam.</li> </ol> <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> <p>Total assessment of the module:</p> <table data-bbox="389 1120 1058 1261"> <tr> <td>Written exam assessment percentage</td> <td style="border: 1px solid black; text-align: center;">50%</td> </tr> <tr> <td>Coursework assessment percentage</td> <td style="border: 1px solid black; text-align: center;">50%</td> </tr> <tr> <td>Practical exam assessment percentage</td> <td style="border: 1px solid black; text-align: center;">0%</td> </tr> <tr> <td></td> <td style="text-align: center;">100%</td> </tr> </table>	Hours to be allocated	Scheduled learning and teaching study hours	Independent study hours	Placement study hours	Allocated hours	150	51	99	0	150	Written exam assessment percentage	50%	Coursework assessment percentage	50%	Practical exam assessment percentage	0%		100%
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Practical exam assessment percentage	0%																		
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Reading strategy	<p><b><i>Essential reading</i></b> Any essential reading will be indicated clearly, along with the method for accessing it, e.g. students may be expected to purchase a set text, be given a 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.</p> <p><b><i>Further reading</i></b> Further reading is advisable for this module, and students will be encouraged to explore at least one of the titles held in the library on this topic. A current list of such titles will be given in the module handbook and revised annually.</p> <p><b><i>Access and skills</i></b> 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 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> <ul style="list-style-type: none"> <li>• Aspinall, V. (Current Edition) <i>The complete textbook of Veterinary Nursing</i>. London: Butterworth-Heinemann.</li> <li>• Beynon, P.H. &amp; Cooper, J.E. (Current Edition) <i>Manual of exotic pets</i>. Cheltenham: BSAVA.</li> <li>• Cooper, B., Mullineaux, E., and Turner, L., eds. (Current Edition) <i>BSAVA Textbook of Veterinary Nursing</i>. Gloucester: BSAVA.</li> <li>• Coumbe, K. (2001) <i>Equine Veterinary Nursing Manual</i>. Oxford: Blackwell Publishing.</li> <li>• Evans, J.W., Borton, A., Hintz, H.F. &amp; Vleck, L.D. Van (Current Edition) <i>The horse</i>. New York: W.H. Freeman and Company.</li> <li>• Frape, D. (Current Edition) <i>Equine nutrition and feeding</i>. Oxford: Blackwell Science Ltd.</li> <li>• Hastie P. (Current Edition) <i>The BHS Veterinary Manual</i>. Glasgow: Kenilworth Press.</li> <li>• Higgins, A.J. &amp; Snyder, J.R., eds. (Current Edition) <i>The equine manual</i>. Edinburgh: Elsevier.</li> <li>• Kainer, R.A. &amp; McCracken, T.O. (Current Edition) <i>Horse anatomy: a coloring atlas</i>. Loveland, Colorado: Alpine Publications.</li> <li>• Key, D. (Current Edition). <i>Essential kennel design</i>. Oxford: Key.</li> <li>• McCracken, T.O., Kainer, R.A. &amp; Spurgon, T.L. (Current Edition) <i>Surgeon's color atlas of large animal anatomy. The essentials</i>. Philadelphia, Pa: Lippincott.</li> <li>• Rusbuldt, A. (Current Edition) <i>Vaccination and worming of horses</i>. Northampton: Cadmos Saunders.</li> <li>• Turner, T. &amp; Turner, J. eds. (Current Edition) <i>Veterinary notes for cat owners</i>. London: Stanley Paul.</li> <li>• Turner, T. ed. (Current Edition) <i>Veterinary notes for dog owners</i>. London: Popular Dogs Publishing Co. Ltd.</li> <li>• Warren, D.M. (Current Edition) <i>Small animal care and management</i>. New York: Delmar Publishers Inc.</li> </ul>
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<b>Part 3: Assessment</b>	
Assessment Strategy	<p>All examinations for this module will be held within the relevant examination period.</p> <p>Component A will consist of a written examination. The written examination will test the content that has been delivered in timetabled sessions during the whole module.</p> <p>Component B will consist of a written assignment.</p> <p><b>Feedback</b> Following marking of each assessment, written feedback will be provided on the individual student's examination answer paper. General feedback will also be provided via the VLE pages. Feedback will aim to highlight areas of good practice and areas where improvements could be made.</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 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>
	50%	50%
<b>First Sit</b>		
<b>Component A</b> (controlled conditions) <b>Description of each element</b>	<b>Element weighting</b>	
1 Written examination (1 hour)	100%	
<b>Component B</b> <b>Description of each element</b>	<b>Element weighting</b>	
1 Written assignment (1500 words)	100%	
<b>Resit (further attendance at taught classes is not required)</b>		
<b>Component A</b> (controlled conditions) <b>Description of each element</b>	<b>Element weighting</b>	
1 Written examination (1 hour)	100%	
<b>Component B</b> <b>Description of each element</b>	<b>Element weighting</b>	
1 Written assignment (1500 words)	100%	
If a student is permitted an <b>EXCEPTIONAL RETAKE</b> of the module the assessment will be that indicated by the Module Description at the time that retake commences.		