



CORPORATE AND ACADEMIC SERVICES

MODULE SPECIFICATION

Part 1: Basic data					
Module title	Surgical and Anaesthesia Practice for Veterinary Nurses				
Module code	UINXQ7-15-2	Level	2	Version	1.1
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	Anatomy for Veterinary Nurses (UINXNP-30-1); OR Patient Care 1 for Veterinary Nurses (UINXPY-30-1); OR Anatomy & Physiology (UINXGB-20-1); OR Introduction to Veterinary Nursing Care (UINXMN-30-1)		Co-requisites	None	
Excluded combinations	None		Module entry requirements	None	
Valid from	01 September 2014		Valid to	01 September 2019	

CAP approval date	29 May 2014
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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"> 1 Demonstrate the preparation, maintenance and use of equipment and the environment for veterinary surgical procedures (A). 2 Analyse methods of creating and maintaining a surgical theatre environment that is suitable and safe for aseptic procedures (A, B). 3 Evaluate the techniques used throughout the pre, peri and post-operative phase for both the patient and the theatre environment for a range of surgical procedures (A, B). 4 Demonstrate an understanding of anaesthesia and apply these to clinical cases (A, B). 5 Demonstrate knowledge and understanding of the care and maintenance of surgical instruments including their identification and application (A, B). 6 Identify and discuss the use of common surgical instruments (A). 7 Discuss the procedures required in surgical and anaesthetic emergency situations (B). 8 Demonstrate practical skills applicable to veterinary theatre practice, patient care, general theatre assistant, scrubbed nurse, theatre dress and conduct (A, B).

Syllabus outline	<ol style="list-style-type: none"> 1 Principles of operating theatre design and use, conduct and appearance in an operating theatre. 2 Use of operating theatre equipment and furniture. 3 Principles of instrument care and sterilisation. 4 Operating theatre assistant and circulating nurse duties. 5 Management of instruments and materials for surgical procedures. 6 Principles of patient care during surgery. 7 Principles of anaesthesia. 8 Function of anaesthetic drugs. 9 Function of anaesthetic equipment. 10 Anaesthesia preparation and induction. 11 Principles of monitoring anaesthesia. 12 Anaesthetic emergencies. <p>All of the above topics will be considered in line with the current LANTRA Veterinary Nursing Occupational Standards (NOS); RVN21-28</p> <p>The module is also referenced to the following RCVS day one practical skills for veterinary nurses; VN11, SAVN13, 15, and EQVN21</p>												
Contact hours	<p>Indicative delivery modes:</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%;">Lectures, guided learning, seminars etc</td> <td style="text-align: right;">48</td> </tr> <tr> <td>Self directed study</td> <td style="text-align: right;">3</td> </tr> <tr> <td>Independent learning</td> <td style="text-align: right;">99</td> </tr> <tr> <td>TOTAL</td> <td style="text-align: right;">150</td> </tr> </table>	Lectures, guided learning, seminars etc	48	Self directed study	3	Independent learning	99	TOTAL	150				
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Teaching and learning methods	<p>Scheduled learning May include lectures, seminars, tutorials, demonstration, practical classes and workshops; external visits.</p> <p>Independent learning May include hours engaged with essential reading, examination preparation 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 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.</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>Key information set – module data</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 70%;">Number of credits for this module</td> <td style="border: 1px solid black; text-align: center; width: 30%;">15</td> </tr> </table> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th style="width: 15%;">Hours to be allocated</th> <th style="width: 25%;">Scheduled learning and teaching study hours</th> <th style="width: 20%;">Independent study hours</th> <th style="width: 20%;">Placement study hours</th> <th style="width: 20%;">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"> 1 <i>Written exam:</i> Unseen written exam, open book written exam, in-class test. 2 <i>Coursework:</i> Written assignment or essay, report, dissertation, portfolio, project. 	Number of credits for this module	15	Hours to be allocated	Scheduled learning and teaching study hours	Independent study hours	Placement study hours	Allocated hours	150	51	99	0	150
Number of credits for this module	15												
Hours to be allocated	Scheduled learning and teaching study hours	Independent study hours	Placement study hours	Allocated hours									
150	51	99	0	150									

	3	<i>Practical exam:</i> Oral assessment and/or presentation, practical skills assessment, practical exam.								
		<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 border="1"> <tr> <td>Written exam assessment percentage</td> <td>50%</td> </tr> <tr> <td>Coursework assessment percentage</td> <td>0%</td> </tr> <tr> <td>Practical exam assessment percentage</td> <td>50%</td> </tr> <tr> <td></td> <td>100%</td> </tr> </table>	Written exam assessment percentage	50%	Coursework assessment percentage	0%	Practical exam assessment percentage	50%		100%
Written exam assessment percentage	50%									
Coursework assessment percentage	0%									
Practical exam assessment percentage	50%									
	100%									
Reading strategy		<p>Essential reading 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>Further reading 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>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>								
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"> • Aspinall, V, ed. (Current Edition) <i>The Complete Text Book Of Veterinary Nursing</i>. Edinburgh: Butterworth Heinemann. • Aver, J. (Current Edition) <i>Equine Surgery</i>. Philadelphia: Elsevier Saunders. • Bellows, J. (Current Edition) <i>The practice of veterinary dentistry</i>. Iowa: Iowa State University Press. • Bryant, S, ed. (Current Edition) <i>Anaesthesia for veterinary technicians</i>. Iowa: Wiley-Blackwell. • Cooper, B. Mullineaux, E. and Turner, L., ed. (Current Edition) <i>BSAVA Textbook of Veterinary Nursing</i>. Gloucester: BSAVA. • Corley, K and Stephen, J eds. (Current Edition) <i>The Equine Hospital Manual</i>. Oxford: Blackwell publishing. • Coumbe, K, ed. (Current Edition) <i>Equine Veterinary nursing manual</i>. Oxford: Blackwell science ltd. • Denny, H.R. and Butterworth, S.J. (Current Edition) <i>Guide to canine and feline orthopaedic surgery</i>. Oxford: Blackwell Science. • Dugdale, A. (Current Edition) <i>Veterinary anaesthesia</i>. Oxford: Wiley-Blackwell. • Fowler, D. and Williams, J.M., eds. (Current Edition) <i>Manual of canine and feline wound management and reconstruction</i>. Gloucester: BSAVA. • King, L. and Hammond, R., eds. (Current Edition) <i>Manual of canine and feline emergency and critical care</i>. Gloucester: BSAVA. • McCurnin, D.M. and Bassert, J.M. (Current Edition) <i>Clinical textbook for veterinary technicians</i>. Philadelphia: W.B. Saunders. • Morris, J. and Dobson, J. (Current Edition) <i>Small animal oncology</i>. Oxford: Blackwell Science. 								

	<ul style="list-style-type: none"> • Muir, W and Hubbell, J., eds (Current Edition) <i>Equine Anaesthesia: Monitoring and Emergency Therapy</i>. St. Louis, Mo: Saunders Elsevier. • Munroe, G and Weese, J eds (Current Edition) <i>Equine Clinical Medicine, Surgery and Reproduction</i>. London: Manson. • Orpet, W & Welsh, P. (CURRENT Edition). <i>Handbook of Veterinary Nursing</i>. Chichester: Wiley-Blackwell. • Petersen-Jones, S. and Crispin, S., eds. (Current Edition) <i>Manual of small animal ophthalmology</i>. Gloucester: BSAVA. • Reeder, D, Miller, S, Wilfong, D, Leitch, M, Zimmel, D, ed.(Current edition) <i>AAEVT's Equine manual for veterinary technicians</i>. Iowa: Wiley-Blackwell • Seymour, C. and Gleed, R., eds. (Current Edition) <i>Manual of small animal anaesthesia and analgesia</i>. Gloucester: BSAVA. • Taylor, P. (Current Edition) <i>Handbook of Equine Anaesthesia</i>. Edinburgh: Elsevier Saunders • Thurmon, J.C., Tranquilli, W.J. and Benson, G.J., eds. (Current Edition) <i>Essentials of small animal anaesthesia and analgesia</i>. Philadelphia: Lippincott, Williams and Wilkins.
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Part 3: Assessment			
Assessment strategy	<p>The module will be assessed using a written examination to demonstrate the students' knowledge and understanding and a practical examination assessing the student's practical competency in carrying out surgical nursing to practice standards and in accordance with health and safety practices.</p> <p>Students' progress will be monitored throughout the module delivery including assessment of interaction in group work and presentations and formal feedback on examinations.</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:	B:	
	50%	50%	
First Sit			
Component A (controlled conditions) Description of each element	Element weighting		
1 Written examination (1.5 hours)	100%		
Component B Description of each element	Element weighting		
1 Practical examination (20 minutes)	100%		
Resit (further attendance at taught classes is not required)			
Component A (controlled conditions) Description of each element	Element weighting		
1 Written examination (1.5 hours)	100%		
Component B Description of each element	Element weighting		
1 Practical examination (20 minute)	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.			