University of the
West of England
BRISTOL
UWE

CORPORATE AND ACADEMIC SERVICES

MODULE SPECIFICATION

Part 1: Basic data					
Module title	Pharmacy Management for Veterinary Nurses				
Module code	UINXQ4-15-1		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	

CAP approval date	11 June 2013

Part 2: Learning and teaching	
Learning outcomes	On successful completion of this module students will be able to: 1 Understand and discuss the basic pharmacology of veterinary medicines (A). 2 Explain the selection and administration of veterinary medicines (A). 3 Explain conditions in which fluid therapy is required (A). 4 Evaluate the principles relating to prescribing and dispensing veterinary medicines (A). 5 Evaluate the principles of administration of fluids (A). 6 Analyse how to safely and effectively manage stock in a veterinary pharmacy (B). 7 Calculate fluid rates and medicine dosages for different animals (A). 8 Communicate technical information clearly in an oral and practical format, within time constraints and in a high pressure environment (A, B).
Syllabus outline	1 Principles of pharmacy stock management and requirements for safe storage of medicines. 2 Principles, practice and legal requirements for writing a prescription. 3 Categories and legislation governing sale and supply of veterinary medicines. 4 The role of a suitably qualified person. 5 Proprietary versus generic drugs; appropriate and inappropriate use of unlicensed drugs (the cascade) and principles of safe dispensing including abbreviations and compliance. 6 Pharmacokinetics and Pharmacodynamics. 7 Principles of managing adverse reactions and drug interactions. 8 Different routes for drug administration including equipment and reasons for choosing that method.

	9 Principles of calculating drugs for administration and dispensing. 10 Principles of fluid therapy and importance of checking and reporting the condition of patient's with a Veterinary Surgeon. 11 Principles of how to support patients in the delivery of fluid therapy; before, during and after including monitoring and maintenance. 12 Health and safety related to the administration of fluid therapy; include disposal of waste. 13 The appropriate use of equipment in the delivery of fluid therapy. 14 How to calculate fluid requirements for different patients including fluid type, quantity and flow-rate. All of the above topics will be considered in line with the current LANTRA Veterinary Nursing Occupational Standards (NOS); AUX7, RVN16 and RVN29. The module is also referenced to the following RCVS day one practical skills for veterinary nurses; VN 7.12 – 7.13 and VN 7.18 – 7.24, VN8, EQVN 23.6 and EQVN 25.8.
Contact hours	Indicative delivery modes: Lectures, guided learning, seminars etc 48 Self directed study 3 Independent learning 99 **TOTAL** **150**
Teaching and learning methods	***Scheduled learning*** May include lectures, seminars, tutorials, project supervision, demonstration, practical classes and workshops and guest lectures. ***Independent learning*** May include 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. ***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 VLE.
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. **<u>Key information set – module data</u>** Number of credits for this module 15 The table below indicates as a percentage the total assessment of the module which constitutes a: 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.

Key information set – module data table:

Hours to be allocated	Scheduled learning and teaching study hours	Independent study hours	Placement study hours	Allocated hours
150	51	99	0	150

	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 — 50% Coursework assessment percentage — 0% Practical exam assessment percentage — 50% 100%
Reading strategy	***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. ***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. ***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.
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. • Aspinall, V, ed. (Current Edition) *The Complete Text Book Of Veterinary Nursing*. Oxford: Butterworth Heinemann. • Cooper, B. Mullineaux, E. and Turner, L., ed. (Current Edition) *BSAVA Textbook of Veterinary Nursing*. Gloucester: BSAVA. • Kayne, S. B. and Jepson, M. J., ed. (Current Edition) *Veterinary Pharmacy*. London: Pharmaceutical Press. • Moore, M.C. and Palmer, N. G. (Current Edition) *Calculations for Veterinary Nurses*. Oxford: Wiley Blackwell. • Rock, A. (Current Edition) *Veterinary Pharmacology: A Practical Guide for the Veterinary Nurse.* Edinburgh: Butterworth-Heinemann Websites and databases: • British Small Animal Veterinary Association www.bsava.com • Veterinary Medicines Directorate www.vmd.defra.gov.uk • Royal College of Veterinary Surgeons www.rcvs.org.uk • Vetnurse.co.uk www.vetnurse.co.uk

Part 3: Assessment	
Assessment strategy	The module will be assessed using a written exam to demonstrate their knowledge and understanding and a poster defence assessing their ability to apply their theoretical knowledge practically and discuss it in a professional capacity. Students' progress will be monitored throughout the module delivery including assessment of interaction in group work and presentations and formal feedback on examinations and assignments. 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.

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 Poster defence (15 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 Poster defence (15 minutes)	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.