University of the
West of England
BRISTOL

CORPORATE AND ACADEMIC SERVICES

MODULE SPECIFICATION

Part 1: Basic data					
Module title	DPS Pharmacy Management for Veterinary Nurses				
Module code	UINV6Q-15-1	Level	1	Version	
UWE credit rating	15	ECTS credit rating	7.5	WBL module?	No
Owning faculty	Hartpury	Field	Animal and Land Science		
Department	Animal and Land	Module Type	Standard		
Contributes towards	Diploma in Professional Studies Equine Veterinary Nursing Diploma in Professional Studies Veterinary Nursing				
Pre-requisites	None	Co-requisites	None		
Excluded combinations	None	Module entry requirements	None		
First CAP Approval Date	25 July 2016	Valid from	01 January 2017		
Revision CAP date		Revision with effect from			

Review Date	01 September 2022

Part 2: Learning and teaching	
Learning outcomes	On successful completion of this module students will be able to: 1 Discuss and examine the basic pharmacology of veterinary medicines. (A) 2 Appraise the selection and administration of veterinary medicines. (A) 3 Identify and interpret 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. (A) 7 Calculate fluid rates and medicine dosages for different animals. (A) 8 Interpret and communicate technical information clearly within time constraints and in a high pressure environment. (A)
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 Access the appropriate sources of data on licensed medicines 9 Different routes for drug administration including equipment and reasons for choosing that method. 10 Principles of calculating drugs for administration and dispensing. 11 Principles of fluid therapy and importance of checking and reporting the condition of patient's with a Veterinary Surgeon. 12 Principles of how to support patients in the delivery of fluid therapy; before, during and after including monitoring and maintenance. 13 Health and safety related to the administration of fluid therapy; include disposal of waste. 14 The appropriate use of equipment in the delivery of fluid therapy. 15 How to calculate fluid requirements for different patients including fluid type, quantity and flow-rate. RCVS Day One Competences for Veterinary Nurses; 22, 23, 24 RCVS Day One Skills for Veterinary Nurses; 4.9-4.11, 7.1-7.3
Contact hours	Indicative delivery modes: Lectures, guided learning, seminars etc 36 Self directed study 0 Independent learning 114 **TOTAL** **150**
Teaching and learning methods	This module is delivered using large group learning sessions and opportunities for small group work. Additionally essential and recommended reading exercises will be introduced to guide the students through the core syllabus. Each student maybe expected to engage with Blended learning as part of this module. Details of this will be provided on the module learning pages **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. **Key information set – module data** 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	36	114	0	150

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.

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	100%
Coursework assessment percentage	0%
Practical exam assessment percentage	0%
	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.

Books:

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 examination to demonstrate students' knowledge and understanding.
	A variety of question types will be used within the examination.
	Students' progress will be monitored throughout the module delivery including formative assessment activities through the use of written tasks as well as formal feedback on the written examination.
	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.		
		A:	**B**:
% weighting between components A and B (Standard modules only)		100%	0%

First Sit	

Component A (controlled conditions) **Description of each element**	**Element weighting** **(as % of component)**
1 Written examination (1.5 hours)	100%

Resit (further attendance at taught classes is not required)	

Component A (controlled conditions) **Description of each element**	**Element weighting** **(as % of component)**
1 Written examination (1.5 hours)	100%

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.