

Module specification

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Module Code	VEN405
Module Title	Nursing the Medical and Infectious Patient
Level	4
Credit value	20
Faculty	FSLS
HECoS Code	100532
Cost Code	GAAN
Pre-requisite module	N/A

Programmes in which module to be offered

Programme title	Core/Optional/Standalone
Foundation degree (FdSc) Veterinary Nursing	Core

Breakdown of module hours

Learning and teaching hours	36 hrs
Placement tutor support hours	0 hrs
Supervised learning hours e.g. practical classes, workshops	0 hrs
Project supervision hours	0 hrs
Active learning and teaching hours total	36 hrs
Placement hours	0 hrs
Guided independent study hours	164 hrs
Module duration (Total hours)	200 hrs

Module aims

This module enables the student to develop knowledge on a range of diseases and medical conditions that are relevant to veterinary practice. For evidence based nursing strategies to be successful it is important for veterinary nurses to have an understanding of the different pathogens, and how they manifest into disease states. The module will provide an introduction to the immune system, linking to immunisation and vaccination protocols in practice.

A range of medical disorders and associated terminology will extend the student's knowledge already gained from their first year modules. Nursing care strategies using evidence-based and

innovative therapies will inform the holistic nursing care delivered to patients for improved patient outcomes.

This module includes a progress check point for work-based learning placement hours and Nursing Progress Log (NPL).

** range of species in addition to cats and dogs holders of veterinary nursing degrees should be competent in providing nursing care to animals that are commonly kept as pets in the UK. This will include rabbits, small mammals and appropriate species of reptiles and birds. In addition to the above animals, a level of basic knowledge and competence in the husbandry and nursing care of horses, endemic UK wildlife and exotic species not commonly seen in the UK*
<https://www.qaa.ac.uk/the-quality-code/subject-benchmark-statements/subject-benchmark-statement-veterinary-nursing>

Module Learning Outcomes

At the end of this module, students will be able to:

1	Explain the aetiology, pathogenesis, pathophysiology and disease progression for infectious diseases.
2	Explain the aetiology, pathogenesis, pathophysiology and progression of medical disorders.
3	Assess nursing-care strategies for infectious and medical diseases
4	Describe the role of the immune system and importance of vaccination in disease control and prevention.

RCVS Standards	Day One Competencies (DOC)	Day One Skills (DOS)
Learning outcomes for this module are mapped to the following RCVS day one competences (DOC) and day one skills (DOS)	18, 19, 29	4.1, 4.2, 8.1, 8.2, 8.4, 8.5

External Reference points

QAA Subject Benchmark Statement for Veterinary Nursing: <https://www.qaa.ac.uk/the-quality-code/subject-benchmark-statements/subject-benchmark-statement-veterinary-nursing>

RCVS Fitness to Practise Guide: <https://www.rcvs.org.uk/news-and-views/publications/fitness-to-practise-a-guide-for-uk-providers-of-veterinary/?destination=%2Fnews-and-views/publications%2F>

RCVS Day One Skills for Veterinary Nurses: <https://www.rcvs.org.uk/document-library/rcvs-day-one-skills-for-veterinary-nurses/>

RCVS Day One Competences for Veterinary Nurses: <https://www.rcvs.org.uk/document-library/day-one-competences-for-veterinary-nurses/>

RCVS Code of Professional Conduct for Veterinary Nurses: <https://www.rcvs.org.uk/document-library/code-of-professional-conduct-for-veterinary-nurses/>

Assessment

Indicative Assessment Tasks:

This section outlines the type of assessment task the student will be expected to complete as part of the module. More details will be made available in the relevant academic year module handbook.

Formative

Padlet board / quizzes. A range of modalities will be used by the tutor to provide feedback to students.

Summative

Assessment 1: Nursing care presentation

Assessment 2: In-class test, (unseen, MCQs, short answer questions and problem-solving questions)

Assessment number	Learning Outcomes to be met	Type of assessment	Duration/Word Count	Weighting (%)	Alternative assessment, if applicable
1	3	Presentation	10 mins	30	NA
2	1, 2, 4	In-class test	1.5 hours	70	NA

Derogations

This module is mapped to the RCVS Day One Competences (DOC) and Day One Skills (DOS). To gain a pass in this module a minimum mark of 40% must be achieved by the student in each summative assessment element.

Learning and Teaching Strategies

A range of learning and teaching strategies will be employed and will focus on student centred teaching. Delivery of content will be conducted in the clinical suite to apply theory to practice. Teaching sessions will also be delivered in lecture rooms. The emphasis will be on active learning for each session delivered.

The clinical suite will be used by the students to develop their practical skills which are linked to the RCVS Day One Skills list.

Welsh Elements

Elements of the Welsh language and culture will be embedded throughout the module where possible.

Indicative Syllabus Outline

Learning outcome 1:

Pathogens / bacteria / viruses / prion / protozoa / rickettsia / chlamydia / replication / mode of transmission / vectors / carriers / zoonotic consideration / notifiable and reportable diseases / canine infectious diseases / feline infectious diseases / rabbit infectious disease / equine infectious diseases / aetiology / pathogenesis and pathophysiology / clinical signs / incubation period / diagnosis / pharmacological and non-pharmacological treatment options

Learning outcome 2:

Medical conditions of body systems, to include; respiratory system / cardiovascular system / haemopoietic system and neoplasms / digestive system / endocrine system / nervous system / renal system / reproductive system / veterinary terminology associated with conditions / examination / pharmacological and non-pharmacological treatment options

Learning outcome 3:

Disease control / personal hygiene (WHO) / isolation and quarantine / barrier nursing / individualised nursing care / evidence-based nursing strategies / applying nursing care plans / holistic nursing / multidisciplinary team / specific and symptomatic care / palliative care / complementary, alternative and innovative therapies

Learning outcome 4:

The immune defence system / innate and adaptive immunity / cells of the innate system / molecules of the innate system / inflammation / antigens / lymphocytes and the adaptive system / specificity and memory / antibody structure and classes / epitopes / binding sites / principles of vaccination / immunization types / vaccination protocols and management

Indicative Bibliography

Please note the essential reads and other indicative reading are subject to annual review and update.

Essential Reads:

Cooper, B., Turner, L. and Mullineaux, E. (2020), *BSAVA Textbook of Veterinary Nursing*, 6th ed. Gloucester: British Small Animal Veterinary Association.

Merrill, L. (ed) (2012), *Small Animal Internal Medicine for Veterinary Technicians and Nurses*,

Chichester: Wiley Blackwell.

Weese, J.S. and Evason, M. (eds) (2020) *Infectious Diseases of the Dog and Cat*, New York: CRC Press.

Other indicative reading:

Aspinall, V. (2019), *Clinical Procedures in Veterinary Nursing*, 4th ed. Edinburgh: Elsevier.

Ballantyne, H. (2018), *Veterinary Nursing Care Plans*, Boca Raton: CRC Press.

Mitchell, M. and Tully, T.N. (2016), *Current Therapy in Exotic Pet Practice*, St Louis: Elsevier.

The Veterinary Nurse, *Practical international peer-reviewed journal*. London: MA Healthcare Ltd.

Veterinary Nursing Journal. Abingdon: Taylor & Francis Ltd.

Administrative Information

For office use only	
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Date and details of revision	12/25 – Updated mapping to RCVS DOC and DOS
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