

Module specification

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Module Code	VEN405
Module Title	Medical, Infectious and Rehabilitation Nursing Care
Level	5
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
FdSc Veterinary Nursing	20

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 aims to develop students' understanding of the aetiology, pathogenesis, pathophysiology, and progression of infectious diseases and medical disorders commonly encountered in veterinary practice. It builds the ability to apply this knowledge to the evaluation of evidence-based nursing care strategies, supporting safe and effective patient management. The module also aims to develop understanding of the principles and application of physiotherapy and rehabilitation techniques within veterinary nursing, enabling students to support patient recovery, comfort, and quality of life. Collectively, the module prepares

students to integrate scientific knowledge with practical nursing and rehabilitation approaches to optimise patient outcomes.

** 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-benchmarkstatement-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 principles and application of physiotherapy techniques and rehabilitation strategies within veterinary nursing practice to support patient recovery, comfort, and quality of life.

RCVS Standards	Day One Competences (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, 4.13, 4.14, 8.1, 8.2, 8.3, 8.4, 8.5,

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.

Assessment 1:

Students will complete an unseen in-class applied knowledge test consisting of multiple-choice, short-answer and scenario-based questions.

Assessment 2:

Students will work in small groups to explore veterinary cases involving infectious and medical conditions. Groups will evaluate nursing care strategies, including the role of physiotherapy and rehabilitation, and present their findings in a panel discussion.

Assessment number	Learning Outcome to be met	Type of assessment	Duration/Word Count	Weighting (%)	Alternative assessment, if applicable
1	1, 2	In-class test	90 mins	50%	N/A
2	3, 4	Oral Assessment	10 minutes	50%	N/A

Derogations

Students are required to pass all assessment elements with a minimum mark of 40% for all modules.

Learning and Teaching Strategies

Learning and teaching on this module will be underpinned by the University's Active Learning Framework (ALF) and will adopt a student-centred, practice-focused approach that supports the development of placement readiness, professional judgement and evidence-based veterinary nursing practice.

A range of learning and teaching methods will be utilised, including:

- Interactive lectures
- Seminars and workshops
- Scenario-based learning activities
- Guided communication activities and role-play,
- Directed academic skills sessions

Opportunities for formative learning and feedback will be embedded throughout the module to support skill development and prepare students for summative assessment and placement expectations, including communication role play / risk assessment activity / study skill activities (literature searches, peer review writing tasks). A range of modalities will be used by the tutor to provide feedback to students.

Learning and teaching will take place in classroom and simulated clinical environments where appropriate, enabling students to make clear connections between theory, professional behaviour and practice.

Welsh Elements

Welsh language and culture will be embedded within this module in line with the University's Welsh Language Standards and the needs of the veterinary nursing profession in Wales. Students will be encouraged to develop awareness of the Welsh language within professional and clinical contexts.

Opportunities will be provided for students to engage with basic Welsh terminology and phrases relevant to veterinary nursing practice, including simple greetings, client communication and professional interactions. Learning activities and examples will reflect bilingual practice within veterinary settings in Wales.

Students can present their work, access forms, resources, email correspondence, work placements and personal tutorials in Welsh.

Indicative Syllabus Outline

Learning Outcome 1

- Types of infectious agents (bacterial, viral, fungal, parasitic)
- Routes of transmission and host susceptibility
- Mechanisms of infection, colonisation and host immune response
- Inflammation and systemic effects of infection
- Acute and chronic infection
- Common infectious diseases in small animal practice
- Vaccination principles, disease prevention, infection control and biosecurity

Learning Outcome 2

- Medical conditions affecting body systems (respiratory, cardiovascular, haemopoietic/neoplastic, digestive, endocrine, nervous, renal, reproductive)
- Veterinary terminology associated with disease
- Patient examination
- Pharmacological and non-pharmacological treatment approaches

Learning Outcome 3

- Disease control and infection prevention (including personal hygiene and WHO guidance)
- Isolation, quarantine and barrier nursing
- Individualised and holistic nursing care
- Evidence-based nursing strategies and care planning
- Multidisciplinary team working
- Symptomatic, supportive and palliative care
- Complementary, alternative and innovative therapies

Learning Outcome 4

- Principles of physiotherapy and rehabilitation in veterinary practice
- Role of the veterinary nurse in rehabilitation
- Range-of-motion exercises (passive and active)
- Therapeutic interventions (cryotherapy, thermotherapy, laser, massage)
- Mobility support and environmental modification
- Rehabilitation in acute and chronic conditions
- Pain management, quality of life and monitoring response to treatment

Indicative Bibliography

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

Essential Reading:

Cooper, B., Turner, L. and Mullineaux, E. (2020) *BSAVA textbook of veterinary nursing*. 6th edn. Gloucester: British Small Animal Veterinary Association.

Lindley, S. and Watson, P. (eds.) (2010) *BSAVA manual of canine and feline rehabilitation, supportive and palliative care*. 1st edn. Gloucester: British Small Animal Veterinary Association.

Other indicative reading:

Aspinall, V. (2019) *Clinical procedures in veterinary nursing*. 4th edn. Edinburgh: Elsevier.

Ballantyne, H. (2018) *Veterinary nursing care plans*. Boca Raton: CRC Press.

Merrill, L. (ed.) (2012) *Small animal internal medicine for veterinary technicians and nurses*. Chichester: Wiley-Blackwell.

Mitchell, M. and Tully, T.N. (2016) *Current therapy in exotic pet practice*. St Louis: Elsevier.

Weese, J.S. and Evason, M. (eds.) (2020) *Infectious diseases of the dog and cat*. New York: CRC Press.

Administrative Information

For office use only	
Initial approval date	April 2026
With effect from date	September 2026
Date and details of revision	
Version number	1