

Prifysgol Wreccsam Wrexham University

Module specification

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Module Code	VEN503
Module Title	Emergency, Critical Care and Specialised Nursing
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
Foundation degree (FdSc) Veterinary Nursing	Core

Breakdown of module hours

Learning and teaching hours	30 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	30 hrs
Placement hours	0 hrs
Guided independent study hours	170 hrs
Module duration (Total hours)	200 hrs

Module aims

The diverse nature of veterinary practices, offers veterinary nurses exciting opportunities in the field of emergency, critical care and specialised nursing. This module aims to develop the student's critical thinking process, knowledge and understanding, which is required for delivering a high level of nursing care for patients with complex needs.

This module builds on the knowledge and understanding that students have acquired and developed from other modules, as well as the experiences they have gained from being in a work-based learning placement.

** 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	Evaluate the critical thinking process for the multidisciplinary team.
2	Assess and triage patients in emergency and critical care situations.
3	Evaluate the monitoring process for animals in high dependency and Intensive care units.
4	Review nursing interventions and strategies for a range of patients with complex needs.

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)	8, 10, 14, 18, 20, 27, 34	2.9, 2.10, 2.12, 4.11, 4.13, 4.16

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: Case study, (2000 words), nursing an animal in the HDU or ICU.

Assessment 2: In-class test (unseen, 2 hours, short and long problem based questions)

Assessment number	Learning Outcomes to be met	Type of assessment	Duration/Word Count	Weighting (%)	Alternative assessment, if applicable
1	4	Written Assignment	2000	40	NA
2	1, 2, 3	In-class test	2 hours	60	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 all will focus on student centred teaching. Delivery of content will be conducted in a lecture room and the clinical suite to apply theory to practice. The emphasis will be on active learning for each session delivered. Students will practice and further develop their clinical skills based on the RCVS DOS and RCVS DOC in this module.

Welsh Elements

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

Indicative Syllabus Outline

Learning outcome 1

Critical thinking / mental models / effective communication with team and other colleagues / using evidence-based nursing to problem solve / evaluation / collaboration / clinical reasoning / preparing clients for poor outcomes / expressing empathy and sympathy / emotional intelligence / resilience / discussing options with owners when outcome is poor / compassion fatigue.

Learning outcome 2

Triage and initial assessment / Rule of 20 / ICU / HDU / primary and secondary survey / recording / informing clients.

Learning outcome 3

Monitoring; physical / device-based / clinical pathological / range of equipment / accurate recording and documentation / Integration of monitoring process / problems that arise / nutritional support (WSAVA) / transfusions / pain assessment / scales.

Learning outcome 4

Preparation to recovery / pain relief interventions / introduction to pharmacology and pharmacodynamics / pharmacological and non-pharmacological options / involvement of multidisciplinary team / nursing strategies for range of emergencies and critical ill patients; traumatic injuries / haematology / cardiovascular and respiratory / CPA / CPR / crash kit / metabolic / endocrine / urological / ocular / reproductive / toxicology emergencies, adverse reactions (VMD) / neurological nursing / neonatal nursing / oncology nursing / TLC / effective handovers / stories / care bundles / nursing care plans.

Indicative Bibliography

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

Essential Reads:

Battaglia, A. M. and Steele, A.M. (2020), Small Animal Emergency and Critical Care for Veterinary Technicians. 5th ed. St. Louis: Elsevier.

Kirby, R. and Linklater, A. (eds.) (2017), Monitoring and Intervention for the Critically ill Small Animal. Chichester: Wiley Blackwell.

Martini-Johnson, L. ((2020), Applied Pharmacology for Veterinary Technicians. 6th ed. Philadelphia: Elsevier.

Other indicative reading:

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

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

King, L.G. and Boag, L. (eds.) (2018), *BSAVA Manual of Canine and Feline Emergency and Critical Care*. Gloucester: British Small Animal Veterinary Association.

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	
Initial approval date	5/11/2019
With effect from date	28/29/2020
Date and details of revision	12/25 – Updated mapping to RCVS DOC and DOS
Version number	2