

## Module specification

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|                             |                                              |
|-----------------------------|----------------------------------------------|
| <b>Module Code</b>          | VEN410                                       |
| <b>Module Title</b>         | Foundations of Veterinary Nursing Practice 2 |
| <b>Level</b>                | 4                                            |
| <b>Credit value</b>         | 20                                           |
| <b>Faculty</b>              | FSLS                                         |
| <b>HECoS Code</b>           | 100532                                       |
| <b>Cost Code</b>            | GAAN                                         |
| <b>Pre-requisite module</b> | N/A                                          |

### Programmes in which module to be offered

| <b>Programme title</b>  | <b>Core/Optional/ Standalone</b> |
|-------------------------|----------------------------------|
| 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          |
| <b>Active learning and teaching hours total</b>             | <b>36 hrs</b>  |
| Placement hours                                             | 0 hrs          |
| Guided independent study hours                              | 164 hrs        |
| <b>Module duration (Total hours)</b>                        | <b>200 hrs</b> |

### Module aims

This module aims to build upon learners' existing knowledge of anatomy and physiology by developing an understanding of normal and abnormal structure and function of the nervous, hepatic, and renal systems in health and disease. It seeks to enhance knowledge of pharmacological principles, emphasising safe medicine calculation and administration within clinical practice. The module also aims to develop competence in the principles of first aid and triage, including the recognition of abnormal physiological responses in emergency situations. In addition, learners will examine wound management and fluid therapy techniques, linking

underlying physiological processes to recovery, preventative health, and the promotion of long-term patient wellbeing.

*\* 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:

|          |                                                                                                                           |
|----------|---------------------------------------------------------------------------------------------------------------------------|
| <b>1</b> | Describe the anatomy and physiology of the nervous system, special senses and urinary systems in both health and disease. |
| <b>2</b> | Explain principles of pharmacology and review safe methods for medicine calculation and administration.                   |
| <b>3</b> | Discuss the principles of first aid and triage and recognise their application in emergency scenarios.                    |
| <b>4</b> | Explain the principles of wound healing and management.                                                                   |
| <b>5</b> | Describe the principles of fluid therapy for improving patient outcomes.                                                  |

| 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) | 15, 20, 25, 26, 27, 28    | 1.1, 1.2, 2.2, 2.3, 3.2, 4.7, 4.8, 4.9, 4.10, 4.11, 4.12, 4.15, 4.16, 7.1, 7.2, 7.3 |

## 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:

This assessment requires students to design and deliver an educational talk aimed at veterinary clients (pet owners) on wound physiology and first aid interventions. As part of the presentation, students must include a practical demonstration to support key concepts discussed within the talk.

| Assessment number | Learning Outcomes to be met | Type of assessment | Duration/Word Count | Weighting (%) | Alternative assessment, if applicable |
|-------------------|-----------------------------|--------------------|---------------------|---------------|---------------------------------------|
| 1                 | 1, 2, 5                     | In-class test      | 90 minutes          | 60%           | N/A                                   |
| 2                 | 3, 4                        | Presentation       | 15 mins             | 40%           | 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. Where appropriate, 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**

- Structure and function of the nervous system, special senses and renal system
- Integration of body systems in maintaining homeostasis
- Introduction to abnormal structure and function associated with disease

### **Learning Outcome 2**

- Principles of pharmacology
- Routes of medicine administration
- Basic medicine calculations
- Safe handling, administration and storage of medicines
- Legal and professional considerations (linked to Code of Professional Conduct)
- Monitoring patient response and record keeping

### **Learning Outcome 3**

- Principles of first aid
- Triage and prioritisation
- Principles of basic life support
- Recognition of common emergency presentations
- Veterinary nurse role during emergencies

- Communication, escalation and legal responsibilities in emergency care (linked to Code of Professional Conduct)

#### **Learning Outcome 4**

- Structure and function of the integument
- Principles of wound management
- Wound assessment and physiology of healing
- Signs of inflammation
- Basic bandaging principles and dressing types

#### **Learning Outcome 5**

- Introduction to fluid therapy
- Types of fluids and indications
- Fluid calculations
- Routes of administration
- Monitoring patients receiving fluid therapy

#### **Indicative Bibliography**

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

##### **Essential Reading:**

Aspinall, V. and Cappello, M. (2024) *Introduction to veterinary anatomy and physiology*. 5th edn. Edinburgh: Elsevier.

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

##### **Other indicative reading:**

Colville, T. and Bassert, J.M. (2015) *Clinical anatomy and physiology for veterinary technicians*. 3rd edn. Missouri: Elsevier.

Klein, B.G. (2019) *Cunningham's textbook of veterinary physiology*. 6th edn. Missouri: Elsevier.

Rendle, M. and Hinde, J. (eds.) (2022) *BSAVA manual of practical veterinary welfare*. Gloucester: British Small Animal Veterinary Association.

Rutland, C., El-Gendy, S.A.A. and others (2022) *Updates on veterinary anatomy and physiology*. London: IntechOpen.

Singh, B. (2016) *Saunders veterinary anatomy colouring book*. 2nd edn. St Louis: Elsevier.

### Administrative Information

|                              |                |
|------------------------------|----------------|
| <b>For office use only</b>   |                |
| Initial approval date        | April 2026     |
| With effect from date        | September 2026 |
| Date and details of revision |                |
| Version number               | 1              |