



Grad Cert Advanced Veterinary Nursing (Anaesthesia)

Duration	2 years (part time)
Start date	September 2021 (subject to recruiting minimum numbers)
Accredited by	Royal College of Veterinary Surgeons (RCVS)
Location	Harper Adams University campus (and location of work placement)*

This certificate will allow nurses to develop and advance their skills to enable them to become reflective practitioners and implement evidence-based improvements to the management of anaesthetic cases in practice.

It will further develop and extend knowledge of the anatomical structures and physiological processes relevant to anaesthesia. It will advance technical knowledge of legislation, pharmacology and equipment related to anaesthetic processes and develop a deeper understanding of veterinary anaesthetic nursing in order to advance current skills and patient care.

The development of the new RCVS post-registration framework has allowed for the creation of accessible, flexible and focused areas of study, allowing veterinary nurses to further their academic skills alongside their professional skills.

This course is accredited by the Royal College of Veterinary Surgeons ([RCVS](#))

Entry requirements

You must be a Registered Veterinary Nurse. Typically, applicants with a registerable qualification from a Further Education background will enrol on the Graduate Certificate. Typically, applicants with a Higher Education (degree) background will enrol on the [Postgraduate Certificate](#). The most appropriate qualification for individual applicants will be considered depending on their individual profile. You will also need time, energy and commitment.

A-level entry requirements

- **Entry requirements for 2022 entry are not currently available. Please contact Admissions for advice**

Accreditation



This course is accredited by the Royal College of Veterinary Surgeons.

Teaching and learning

Delivery will be by a combination of distance learning and optional study days where guest speakers, seminars and practical classes support the modules. A range of distance learning methods will be used, including study notes, e-mail and Harper Adams' interactive virtual learning environment 'The Learning Hub'. Access to a computer and broadband internet is essential.

Modules will be assessed by a range of methods, including assignments end of module examination, and practical exams. Support in assessment skills is available for those who have not sat an examination recently.

* During the Covid-19 Pandemic the University is delivering blended learning. Government guidance is being constantly reviewed to establish the learning events which can be delivered face to face. Please refer to our [frequently asked questions](#) for further details.

What will I study?

Year 1		Year 2	
Evidence Based Nursing (A5030C17)	15	Graduate Anaesthetic Science (A6027C17)	15
Graduate Anatomy and Physiology for Anaesthesia (A6029C17)	15	Graduate Anaesthetic Nursing (A6033C17)	15

Evidence Based Nursing

Year of study 1
Code A5030C17
Credits 15
Core/option Core
Module contact [Susan Howarth](#)

This module encourages students to develop transferable research skills, including analysis, problem-solving, and communication. These skills will aid the student to gain an appreciation of research and the ability to access information from a variety of sources. Students will acquire the skills to be able to evaluate literature and to apply relevant and valid research to their current practice.

Graduate Anatomy and Physiology for Anaesthesia

Year of study 1
Code A6029C17
Credits 15
Core/option Core
Module contact [Elizabeth Gilbert](#)

This module will review and extend knowledge of the anatomical structures and physiological processes relevant to anaesthesia. It will also explore the impact of disease on these processes and how this may affect anaesthetic nursing approaches. A thorough understanding of these topics will provide students with the foundation needed to comprehend both the effects of anaesthesia on and the monitoring outputs from small animal veterinary patients.

Graduate Anaesthetic Science

Year of study 2
Code A6027C17
Credits 15
Core/option Core
Module contact [Elizabeth Gilbert](#)

Veterinary nurses often have a pivotal role in the anaesthetic process. They are frequently the last person the owner sees when leaving their pet for anaesthesia. They obtain client consent, administer anaesthetic drugs, and interpret patient parameters and the readings from monitoring equipment during anaesthesia before recovering and discharging patients back to the care of their owners. It is expected that students will already have an understanding of the principles of informed consent, common anaesthetic drug protocols and be familiar with the use of a range of anaesthetic monitoring equipment. This module will allow students to develop their technical knowledge of legislation, pharmacology and equipment related to anaesthetic processes. This enhanced depth of knowledge will support critical evaluation and reflection both in practice and during the 'Graduate Anaesthetic Nursing' module that follows.

Graduate Anaesthetic Nursing

Year of study 2
Code A6033C17
Credits 15
Core/option Core
Module contact [Elizabeth Gilbert](#)

This module will allow students to apply theoretical knowledge gained in pre-requisite modules to anaesthetic cases. This is expected to include practical undertaking of nursing skills associated with the management of veterinary patients for anaesthesia. The completion of this module will allow students to develop a deeper understanding of veterinary anaesthetic nursing in order to advance their current skills and patient care. This will enable students to become reflective practitioners and implement evidence based improvements to the management of anaesthetic cases in practice.