



# Grad Cert Advanced Veterinary Nursing (Analgesia and Pain Management)

<b>Duration</b>	2 years (part time)
<b>Start date</b>	September 2021 (subject to recruiting minimum numbers)
<b>Accredited by</b>	<a href="#">Royal College of Veterinary Surgeons</a> (RCVS)
<b>Location</b>	<a href="#">Harper Adams University campus</a> (and location of work placement)*

This certificate will allow nurses to develop their knowledge of anatomy and physiology of acute, chronic and neuropathic pain development, as well as exploring the consequences of untreated pain.

It will build on knowledge of pharmaceutical and non-pharmaceutical options for treating and managing pain. Whilst developing a student's ability to assess pain and synthesise appropriate multimodal pain management plans for veterinary patients.

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 Neuropharmacology for Veterinary Nurses (A6025C17)	15
Graduate Pain Biology (A6031C17)	15	Graduate Integrated Pain Management (A6028C17)	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 Pain Biology

**Year of study** 1  
**Code** A6031C17  
**Credits** 15  
**Core/option** Core

This module is part of the Graduate Certificate in Advanced Veterinary Nursing (Analgesia and Pain Management). A sound knowledge of the process of pain development and perception is critical to a nurse's ability to assess the needs of their veterinary patients. This module aims to provide students with underpinning knowledge of the anatomy and physiology of acute, chronic and neuropathic pain development, as well as exploring the biological consequences of untreated pain. This will equip them to apply pain assessment and understand the mechanisms of action of a variety of pain treatments explored in further modules.

## Graduate Neuropharmacology for Veterinary Nurses

**Year of study** 2  
**Code** A6025C17  
**Credits** 15  
**Core/option** Core

This module is part of the Graduate Certificate in Advanced Veterinary Nursing (Analgesia and Pain Management). This module aims to build on the students' knowledge and understanding of neuroanatomy and physiology to explore the pharmaceutical options for treating and managing pain in animals, covering mechanisms of action, administration, nursing considerations, patient records and relevant animal medicines legislation.

## Graduate Integrated Pain Management

**Year of study** 2  
**Code** A6028C17  
**Credits** 15  
**Core/option** Core

This module is part of the Graduate Certificate in Advanced Veterinary Nursing (Analgesia and Pain Management). Focussing on assessing pain and non-pharmaceutical analgesia, this module aims to further develop and consolidate the student's underpinning knowledge and give them the tools to evaluate and synthesise appropriate multimodal pain management plans for veterinary patients.