



Extended Degree Veterinary Bioscience (with access to Veterinary Medicine)

UCAS code	XD01
Institution code	H12
Duration	6 years (full-time) including a one-year work placement.
Start date	September 2023
Location	Harper Adams University campus (and location of work placement)

This pathway is limited to a maximum of 10 candidates per annum. The equal consideration deadline for this course is October 15th. After this date, the university reserves the right to close the course without warning, once sufficient applications have been received.

Extended degree programmes are a means of accessing degree study should you not meet the entry requirements for honours degree programmes. The Extended Degree Veterinary Bioscience (with Access to Veterinary Medicine) is designed to help you progress to the Bachelor of Veterinary Medicine and Surgery at the Harper and Keele Veterinary School through the study of subjects relevant to animals and which prepare you for university study.

This programme is specifically designed to allow students to address a deficit in both the vocational skills and traditional science subjects required to move forward to study veterinary medicine.

You will be assessed at the end of your preparatory year to determine whether you meet the criteria to progress into the vet school. To do so, you must achieve a minimum 70% pass during the preparatory year and pass a Multiple Mini Interview (MMI) assessment.

Students who fail to meet the Veterinary Medicine route criteria will still have options to progress onto the BSc or BSc Honours Veterinary Bioscience degrees at Harper Adams providing they meet the respective pass thresholds of 40% and 65% respectively.

Entry requirements

This programme is targeted at those with limited vocational experience but with academic potential, therefore Students require six passes (grade C / 4 or above) at GCSE level, including Maths, English Language and a science subject along with three A-Levels at BBB or equivalent. Additionally, students must be at least 17½ years of age at the time of registration.

Progression

To transfer to Bachelor of Veterinary Medicine and Surgery students need to pass the preparatory year with a minimum of 70% average marks and satisfy additional Veterinary School entry requirements, including passing the MMI assessment which will be undertaken during the preparatory year

A-level entry requirements

- **Entry requirements for 2023 entry are not currently available. Please contact Admissions for advice**

What will I study?

Year 1

Academic Skills (R3001C17)	15
Companion Animal Management (A4013C17)	15
Global Issues and their Business Impact (R3003C17)	15
Introduction to Animal Biology (A3003C17)	15
Large Animal Management (A4015C17)	15
Team Challenge (R3004C17)	15
Veterinary Related Vocational Skills (All Species)	15

Academic Skills

Year of study 1
Code R3001C17
Credits 15
Core/option Core
Module contact [Emma Tappin](#)

This module provides a grounding in the essential academic skills required to be effective during university study. The module will offer you a swift insight into expectations the university has in relation to report writing, good and poor academic practice, referencing, presentations and time-management, along with insights into revision and examination techniques. These skills will be developed throughout this module and are relevant to all areas of study in higher education.

You will:

- Produce well-constructed, correctly referenced written material using appropriate sources (e.g. journal articles, books and electronic sources).
- Demonstrate oral presentation techniques and effective use of visual aids.
- Develop the ability to give and receive feedback effectively.

Companion Animal Management

Year of study 1
Code A4013C17
Credits 15
Core/option Core
Module contact [Mrs Jennifer Sadler](#)

An understanding of companion animal management practices is essential for working within the animal industry to promote good health and welfare for companion, collection and experimental animals.

The module will provide learners with knowledge of relevant companion animal management practices with emphasis placed on environmental requirements, nutritional needs, and animal management.

The module will underpin several modules at Levels 5 and 6 including Companion Animal Studies, and Applied Companion Animal Health, Welfare and Behaviour.

Global Issues and their Business Impact

Year of study 1
Code R3003C17
Credits 15
Core/option Core
Module contact [Mrs Rebecca Payne](#)

This module aims to support the early development of critical thinking and synthesis by signposting students towards issues that will have a real and current impact upon businesses and their stakeholders.

You will be offered the opportunity to explore regional and global problems and their impact on the world's resources, the environment and human societies. You will spend much of your time later in your degree studies evaluating the impact of various political, economic, social, technological and environmental factors, both nationally and internationally in order to make judgements regarding the competitive environment within which businesses operate. This module underpins this progression and allows you an opportunity to explore the potential impact of identified and discussed issues without the requirement to develop solutions that fit a given business model.

The module is designed to give you an opportunity to explore and identify issues that may underpin organisational Corporate Social Responsibility (CSR) strategies you will study later in their degree programme.

You will:

- Summarise relevant sources of information on a pre-determined global issue.
- Identify key drivers of given dilemmas or challenges facing businesses.
- Present well-constructed and credible resources to communicate a viewpoint on a global issue in an engaging and appropriate format for the target audience.

Introduction to Animal Biology

Year of study 1
Code A3003C17
Credits 15
Core/option Core

This module will examine the fundamentals of Animal Biology applied to a range of domesticated animals, including companion animals, horses and livestock. The module will examine the structure and function of animal cells along with fundamentals of genetics and inheritance. The module provides the underpinning knowledge of animals' biology, including anatomy and physiology, essential for Animal, Veterinary Nursing or Agricultural degree programmes. Lectures will be supported by practical laboratory work.

You will:

- Recognise and understand the structure and function of animal cells and organelles including genetic material.
- Understand the physiological processes that occur within a mammalian body for a range of domesticated species, including companion animals, horses and livestock.
- Explain the relationship between structure and function of animal body systems.

Large Animal Management

Year of study 1
Code A4015C17
Credits 15
Core/option Core

It is important that students studying animal-based courses have an understanding of the systems involved with the keeping of large animals and appreciate the commercial context in which many of these animals are kept. This module will highlight the differences in the approach to the management of large animals in comparison to that for companion animals (covered in Companion Animal Management). The underpinning knowledge gained in this module will enable these students to evaluate behavioural adaptation and the welfare of large animals and understand how management can impact upon the health of the animal. The students will be introduced to the husbandry requirements associated with the most common agricultural systems involving animals such as cattle (dairy and beef), sheep, pigs, poultry and horses. Students will gain sufficient knowledge of the requirements of the system, and the effects of the management of the animal on its health and welfare status.

Team Challenge

Year of study 1
Code R3004C17
Credits 15
Core/option Core
Module contact [Emma Tappin](#)

This module aims to support the development of group working skills and capabilities required by you during your degree study and placement at Harper Adams University. You will gain a stronger insight into your individual team working skills through delivering group activities and tasks. This learning will benefit you both when undertaking group assignments for your degree but also whilst on placement with employers. You will undertake a series of tasks and challenges which allow you to test your skills in a supportive environment. The substantial assessed team challenge will be tailored to your subject interests. You will reflect on these experiences in order to develop stronger self-awareness and improve skills for use in your future academic careers.

You will:

- Develop awareness of team working skills and an individual's role in a team.
- Analyse subject related challenges and seek appropriate solutions through team working.
- Undertake personal reflection and increase self-awareness.

Veterinary Related Vocational Skills (All Species)

Year of study 1
Credits 15
Core/option Core

A variety of different animal careers feed into the veterinary industry and it is important that future veterinary professionals have an understanding of these, as well as traditional clinical work. This module allows students to complete practical work experience in companion animal and farm animal veterinary practice as well as in allied careers in order to support future career choices and development of work-related skills. During the vocational elements of this module you will be in contact with veterinary practice clients. This will require you to act in a professional manner and assist you in developing these skills which will be required within later clinical study.