

HNC Animal Management (Behaviour and Welfare)

Applicant Programme Guide

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Award Details

Programme	HNC Animal Management (Behaviour and Welfare)
Duration	Full time (1 year) or Part time (2 years)
Awarding Body	Pearson
Location of Study	Riseholme

Entry Requirements

Applicants are required to have:

- A minimum of 48 UCAS points
- GCSE English Language at grade C/4 or above, or an equivalent qualification
- An appropriate academic reference

UCAS points may be from qualifications such as A-Levels, BTEC Level 3 Extended Diplomas, Access to HE Diplomas, and City and Guilds Advanced Technical Diplomas amongst others. Please use the UCAS Tariff points calculator to determine the UCAS points value of your qualifications: <https://ucascomsb1.ucasenvironments.com/ucas/tariff-calculator>

- Life and/or experience of non-traditional students will be taken into account when considering applications. The successful completion of an entry task may be required when considering applications without the required formal entry qualifications.
- If first language is not English, or a Tier 4 student visa to study is required and GCSE grade C/4 English or equivalent is not held, English language proficiency level such as International English Language Testing System (IELTS) 6.0 overall (with a minimum 5.5 in each skill) will need evidencing.

How to Apply

Application Route	Online via UCAS: www.ucas.com
Course Code	HCAM
Institution Code	B37
Campus Name / Code	Riseholme / R
Part Time Application Route	Online via the College Website: https://www.bishopburton.ac.uk/college/apply

1. Introduction

The aim of the HNC programme is to produce students with a sound academic and practical knowledge of the disciplines and factors that relate to animal management and welfare. The programme is designed to give you the opportunity to acquire knowledge of animal husbandry, anatomy and physiology, animal behaviour, animal nutrition and business.

There is an increasing demand for people with a combination of both academic and practical competence within the animal management sector, therefore, the programme is vocational, with an applied nature of both practical and theoretical aspects fundamental for a career within this area.

2. Programme Aims

Graduates successfully completing the Higher National Certificate will be able to:

- Identify and discuss the anatomical and physiological systems, including cellular structure and metabolic processes essential for life, in a range of animals*
- Handle, observe behaviour and maintain health and husbandry practices by monitoring as appropriate of both wild and domesticated species, in appropriate environments*
- Conduct experiments in both laboratory environments and field conditions, using a range of specialist technology and equipment in a safe manner*
- Recognise and discuss techniques and practices of the feeding and nutrition of animals and evaluate how these relate to the animal industry*
- Communicate effectively to a range of audiences in a variety of formats*
- Reflect on their own personal strengths and weaknesses and formulate strategies for improvement.*
- Demonstrate the skills required for employment or further study*

3. Programme Structure

3.1 Programme of Study

The Higher National Certificate (HNC) is a Level 4 qualification made up of 120 credits. This is made up of eight units, each with a value of 15 credits. The academic year is split into two semesters, each of 15 weeks duration. The structure of the programme of study is shown in the table below.

Level 4	
Semester 1	Semester 2
Unit 1 Animal Health and Welfare	Unit 2 Business and the Business Environment
Unit 3 Managing a Successful Project	Unit 4 Animal Behaviour in Society
Unit 5 Animal Husbandry	Unit 7 Animal Nutrition
Unit 6 Animal Anatomy and Physiology	Unit 15 Animal Collection Management

3.2 Work Based Learning

There is no formal work-based learning required for this programme.

3.3 Modules

You will study the following core modules throughout their programme:

Unit 1 Animal Health and Welfare

Knowledge of how to maintain animal health and how to maximise the welfare of animals across a range of different environments is a fundamental skill which underpins a successful career in the animal, equine and veterinary sectors. You will learn how to recognise signs of health and disease across a range of animal species, as well as how to manage animals to promote good health and prevent disease. Key diseases and parasites will be reviewed and interpretation of health in wild animals and animals housed in collections will be undertaken. Legislation which governs animal health will also be outlined. In addition, you will learn how to measure and influence animal welfare for a variety of animals.

Unit 2 Business and the Business Environment

The aim of this unit is to provide you with background knowledge and understanding of land-based business, the functions of an organisation and the wider business environments in which organisations operate. You will examine the different types of land-based organisations (including for-profit and not-for-profit), their size and scope (for instance, micro, SME, transnational and global) and how they operate. You will explore the relationships that land-based organisations have with their various stakeholders and how the wider external environments influence and shape business decision-making.

Unit 3 Managing a Successful Project (Pearson-set unit)

This unit is assessed by a Pearson-set assignment. The project brief will be set by the Centre, based on a theme provided by Pearson (this will change annually). The theme and chosen project within the theme will enable you to explore and examine a relevant and current topical aspect of business in the context of the land-based business environment. The aim of this unit is to offer you an opportunity to demonstrate the skills required for managing and implementing a project. You will undertake independent research and investigation for carrying out and executing a business project which meets appropriate business aims and objectives.

Unit 4 Animal Behaviour in Society

Understanding the behaviour of animals is integral to their effective management. Animals can carry out behaviours which have utility for humans and humans have the ability to modify animals' behaviours when necessary. Monitoring and reporting animal behaviours is a crucially important method of assessing animal welfare in captivity. Through studying this unit, you will gain insight into the scientific methodology used to observe and assess animal behaviour. You will be able to conduct your own observations and reach conclusions about animals' behaviour, making recommendations for modifying/managing behaviours. The unit will also cover the application of behaviour science to the management of animals in a variety of contexts.

Unit 5 Animal Husbandry

The aim of this unit is to provide you with essential underpinning knowledge and practical experience in animal husbandry and management techniques. This is essential for the development of sector-specific and transferable skills. The unit promotes keeping animals in an environment where the maintenance of mental and physical health, the prevention of ill health and good welfare practice is paramount. You will study core concepts of good husbandry practice, Health and Safety, animal management techniques and administration, as well as practical aspects of handling, accommodation, provision of feed, health and welfare, and legislative requirements relevant to animal husbandry.

Unit 6 Animal Anatomy and Physiology

This unit develops knowledge of the biological systems of animals, with a detailed look at functioning. It will require you to analyse the interaction of systems and how environmental factors may impact an animal's health. It is through this that you will be able to enter roles within the animal sector feeling confident to make decisions and advise others in best management practices. The unit looks at the structure and functioning of the biological systems, and highlights the important roles they play in maintaining the life of an animal. You will study the systems with the key themes attached: muscular and skeletal systems and how they interact with one another to create movement; lymphatic and cardiovascular systems and their involvement with the transportation of essential materials, with

a detailed look at the role of blood; respiratory, digestive and urinary systems, evaluating how they interact to obtain raw materials for metabolism and excrete waste; male and female reproductive systems, reproductive stages and the management of these to influence the breeding of animal species.

Unit 7 Animal Nutrition

This unit introduces you to the scientific basis of animal nutrition, supporting a range of careers within the animal management, agricultural and pet industries. You will define the macro and micronutrients which make up food, and evaluate how each constituent contributes to balanced animal nutrition and influences metabolism. You will also explore the importance of hydration and acid-base balance within homeostasis. The dietary requirements for a range of different animal species and how these vary with life stage, health status, reproduction, production, live weight gain and activity levels will be analysed. You will further learn how to calculate feed rations for a range of animal species and explore the relationship between diet and productivity, and behaviour. In addition, you will conduct basic laboratory tests to analyse foodstuffs, providing you with practical skills you could use in the workplace.

Unit 15 Animal Collection Management

In this unit, you will review relevant legislation that governs the keeping, management and transportation of animals. Common husbandry methods used within companion animal, equine, exotic, zoological and farm animal collections will be reviewed to enable you to make informed judgements on how best to care for animals. You will learn how to safely handle and restrain a variety of animal species to facilitate routine management tasks. You will also be able to sex animals to prevent unwanted breeding or aggression within collections. You will analyse how to prepare animal accommodation for a range of species, considering animals' health, welfare and behavioural requirements, as well as demonstrating safe working practices to prevent the spread of disease within animal collections.

4. Delivery

4.1 Teaching and Learning Approach

	<i>Contact Time</i>	<i>Independent Study Time</i>
<i>Approximate hours per week:</i>	16	25-30
<i>Delivery includes:</i>	<i>Lectures, group seminars and practical sessions.</i>	<i>Reading around the subject, preparing for taught sessions and preparing for and completing module assessments.</i>

You can expect:

- *Experienced, supportive and motivated staff with both academic and industrial experience.*
- *Access to an Online Virtual Learning Environment called ilearn, which is used to enhance and facilitate teaching and independent learning on all programmes.*
- *Guest lectures, demonstrations from a range of visiting speakers and offsite trips.*

4.2 Learning Resource Centre

Students will be required to undertake reading, research and investigations outside formal sessions, in order to gain a deeper understanding of the subjects. The Learning Resource Centre (LRC) at our Showground campus is a hub of physical and online resources. With over 32,000 items available to loan, the LRC provides access to over one thousand journal titles from a range of databases, specialist collection journals and hundreds of eBooks. Laptops and PCs are available to borrow or pre-book, with free wifi across both of our campuses. Need a hand? Our friendly and knowledgeable staff are available to help.

The LRC opening hours are:

Monday: 8.30AM – 5.00PM

Tuesday: 8.30AM – 5.00PM

Wednesday: 8.30AM – 7.00PM

Thursday: 8.30AM – 7.00PM

Friday: 8.30 – 5.00PM

Saturday: 9.00AM – 2.30PM

Opening times may vary at the beginning/end of terms and during holidays. Opening hours will be updated on the LRC iLearn page. Electronic resources are available 24 hours a day, 365 days a year.

4.3 Assessment and Feedback

The programme will incorporate a variety of assessment methods across each academic year. The mix of assessments will seek to challenge and evaluate your knowledge, understanding and skills. Assessments for this programme may include written assignments, portfolios, practical assessments, reports seminars/presentations and case studies.

Tutors provide support for assessments in class. There will also be opportunity for formative assessment and feedback during the delivery of each module to monitor learning, and to support and prepare you for the summative assessments which make up the module. Feedback on your summative assessments will be given which will allow you to guide efforts and activities in subsequent modules.

4.4 Timetables

You can expect to receive your timetables during induction week.

4.5 Extra-Curricular Work Experience

Relevant extra-curricular activity and/or work experience is encouraged of all students in order to enhance learning.

5. Facilities

Nestled in the Lincolnshire countryside, just outside of Lincoln, Riseholme College encompasses the Riseholme Park campus and Showground campus, just two miles away from each other.

We are a specialist land-based College that delivers industry-focused, broad-ranging, higher-level qualifications.

We have our own dedicated Animal Unit with indoor and outdoor spaces housing a huge range of species including hoof stock, invertebrates, tropical fish, reptiles and rodents, meaning you get the best hands on learning experience.

In addition to our outstanding Animal Unit housing a range of companion animals, students have access to an extensive range of farm stock which includes the 'roundhouse' to house Lincolnshire Red Cattle, a bull pen and extensive Equine facilities.

We have three domestic and exotic small mammal handling rooms housing a large range of different rodents, rabbits and guinea pigs.

The exotic room houses a range of reptiles, amphibians, invertebrates and both tropical and cold-water fish. This helps students develop a diverse range of skills necessary for the awareness, respect and detailed knowledge of herpetology.

In addition, the outdoor paddocks house a range of hoof stock.

Overall the animal care facilities will provide an ideal backdrop to enable the tutors to emphasise the industrial, managerial and specialised aspects of this programme, as well as provide excellent opportunities for students to learn new skills and become competent in a whole range of animal care areas.

Our Showground Campus includes classrooms, science labs, an animal management facility, agriculture and engineering workshops, a learning resource centre, refectory and student services office. We have a Sport and Health Science Centre, complete with gym, multi-use sports hall and 3G flood-lit pitch, and an Agri-Tech, Health and Nutrition Centre.

If you need advice on finance and bursaries, information about travel or how we can support your mental health, Student Services is your one-stop-shop.

In addition, Riseholme's status as a centre of excellence for high level skills training as part of the government's multi-million-pound Institutes of Technology (IoT) initiative is generating further investment in facilities and resources.

Such facilities give us the platform to deliver an unrivalled range of hands-on, practical courses which give our students the skills and knowledge they need to succeed.

6. Student Skills and Support

Studying at degree level requires key academic skills such as critical thinking, analysis and problem-solving. You will need to learn how to navigate the Learning Resource Centre, develop your IT skills and refine your study skills such as note-taking, revision, independent study and research, and personal skills such as time-management, motivation and self-reflection. You will be embarking on a journey not only to a qualification, but to enhancing your future career prospects. Throughout your programme you will be supported in building these skills within your taught sessions and via online resources, induction sessions, academic development seminars, employability week, the Careers Service, the HE Study Skills Team and the Life Coaches Team.

The HE Study Skills Team provides:

- *Informal study skills support for all HE students.*
- *Specialist support for those with a diagnosed specific learning difficulty e.g. dyslexia. This support can be booked on a 1:1 basis, via drop-in or remotely (online).*
- *A range of resources such as PDF links to a variety of study skills topics, for example, referencing.*
- *Support around Successful Online Study, as well as a monthly newsletter, with hints and tips to help you achieve.*
- *A Study Skills course is available to all new HE students, easing the transition from level 3 to provide you with the skills required for HE study.*
- *Equipment such as overlays for visual stress (Meares-Irlen syndrome), Dictaphones and TextHelp 'Read and Write Gold', available to all students on campus.*
- *Information on the application process for Disabled Students Allowance (DSA).*

If you have any questions you would like to ask the team prior to application please contact them on HEStudyskills@bishopburton.ac.uk.

The Life Coaches Team can help you discover the best you. They can provide support across a wide range of life skills including:

- *Emotional and behavioural: helping you to understand and overcome personal barriers so you can achieve your full potential.*
- *Mentoring and coaching: individual support programmes, tailored to specific needs.*
- *Social engagement and interpersonal: career coaching to help develop confident, professional and industry ready individuals, who are armed with the interpersonal skills to engage in the professional world.*

- *Health, wellbeing and resilience: focus on all aspects of physical and mental health and wellbeing to develop resilience and life skills and life balance.*

7. Fees, Equipment and Additional Costs

- *For up to date information on tuition fees and financial support please visit: <https://www.riseholme.ac.uk/degree/finance>.*
- *You will need to have a kennel coat or overalls in blue and a white lab coat, which are available from our online shop. Steel toe-capped footwear is also required. We anticipate this will cost approximately £100.*
- *Trips and short courses may also be offered at extra cost.*
- *A suitable electronic device e.g. a laptop or tablet, with internet connectivity is required for accessing online learning.*
- *On successful completion of the programme, you have the opportunity to graduate at a ceremony wearing formal dress. The hire of the formal dress is an additional cost.*

8. Graduate Opportunities and Progression

8.1 Graduate Opportunities

Students graduating from this programme could follow careers in animal rescue and rehabilitation, teaching, employment within zoos and wildlife parks, animal facility manager, kennel and cattery manager, pet store manager, conservation work.

8.2 Progression

Students who successfully complete the HNC can progress onto level 5 of the FdSc Animal Management and Behaviour available at Riseholme College. You can find further details on all of our programmes on our website <https://www.riseholme.ac.uk/degree/courses>.

9. Contact Us

10.If you have any further questions please do not hesitate to contact the Recruitment Team.

<i>Telephone</i>	<i>01522 304600</i>
<i>Email</i>	<i>enquiries@riseholme.ac.uk</i>
<i>Address</i>	<i>Showground Campus Horncastle Lane</i>

	North Carlton LN1 2ZR
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The information in this guide is correct at time of publication. Any amendments to the content of the programme and modules will be made formally through a modification process with the awarding body. Changes will usually only be made to improve the existing provision for example in response to changing industry requirements. Any changes will be communicated to applicants/students as soon as they have been formally approved.