

BSc (Hons) Bioveterinary Science



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Subject	Level	Study Mode	Duration	Start Date	UCAS Code
Animal Sciences	Bachelors Degree (Level 6)	Full-Time	3 years full-time	September 2024	D422

The Course

Our Bioveterinary Science degree programme will help you to develop sound academic and practical knowledge of the disciplines and factors related to animal science in relation to a range of species and areas of the animal industry. This programme will prepare you for an exciting career within veterinary and/or animal science. There is an increasing demand for people with a combination of both academic and practical competence within the animal industry, which is why this course allows you to learn in a vocational and applied nature. You will complete both lessons and assessments on our animal unit and farm, working with a variety of species, as well as developing your practical science and industry skills within our state-of-the-art labs.

Course Aims

- > The Bioveterinary Science programme is designed to prepare you for working within the veterinary or animal science industry. It will allow you to learn in-depth biology and physiology of animals, and includes the science behind animal health, disease and welfare.
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- > The course focuses on ensuring you have the necessary laboratory skills to work in a range of areas. This is achieved through a variety of lab-based modules, ensuring that when you graduate you will have proficient laboratory skills. There is a focus towards production animals within the programmes as this is a key area of employment.
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- > The Final Project module allows you to complete an independent piece of work specialising in an area of research that you are interested in that reflects the interdisciplinary nature of the degree programme. As part of this module, you will undertake a poster presentation which will be completed at a showcase event that will allow you to network with relevant employers.

What You Will Study

Year 1

- > Academic Professional Skills
- > Comparative Anatomy and Physiology
- > Animal Biology and Introduction to Laboratory Science
- > Animal Health and Nutrition
- > Principles of Animal Behaviour Science
- > Development of Professional Skills

Year 2

- > Behaviour and Management of Production Species
- > Data Skills for Animal Scientists
- > Ethics, Welfare and Legislation
- > Livestock Reproductive Technology
- > Cellular Processes and Biochemistry
- > Entrepreneurialism

Year 3

- > Genetics and Biotechnologies
- > Disease Process, Immunology and Healing
- > Laboratory and Veterinary Diagnostic Techniques
- > Advanced Livestock Science
- > Final Project

Entry Requirements

You will need:

A minimum of 96 UCAS points OR a relevant BTEC Level 3 and significant industrial experience

Plus:

GCSE English 4 or above or equivalent and a suitable reference

UCAS points may be from qualifications such as T Levels, A Levels, BTEC Level 3 Extended Diplomas, Access to Higher Education 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.

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 an applicants first language is not English, or a Tier 4 student visa to study is required and GCSE English at grade 4/C or equivalent is not held, they will need to evidence their English language proficiency level, such as International English Language Testing System (IELTS) 6.0 overall (with a minimum 5.5 in each skill).

Advanced entry may be possible due to prior experience or certificated learning; applicants will be invited to complete the recognition of prior learning approval process.

Teaching and Learning Approach

This programme is delivered with a variety of learning and teaching approaches to include all students learning styles and preferences. For all modules, theory lectures are delivered that aim to deliver the core content and provide the underpinning knowledge. To complement the theory lectures, students have group seminars/practical sessions that are used to reinforce concepts delivered theoretically. The teaching methods focus on facilitating a student-centred approach to enhance the independent learning that takes place outside of the classroom. You will study at our Riseholme campus.

Time Required on Campus

The full-time pathway includes up to 16 hours a week, incorporating lectures, seminars, practicals and tutorials. You are also expected to carry out a significant amount of independent study in addition to contact time (approximately 25-30 hours a week). Independent study includes reading around the subject, preparing for tutorials and seminars, preparing for, and completing, module assessments; forming an essential part of your learning journey. You can expect to receive your timetable during induction week.

Work Experience

Relevant extra-curricular activity and/or work experience is encouraged to enhance your learning.

How You're Assessed

Assessment includes written assignments, seminars, poster presentations, training practical, practical reports and demonstrations. There are no formal examinations. Opportunities for feedback on assessments are available prior to the final submission to support your development and achievement. Staff aim to return assessed work within a 20-working day timeframe (not including holidays) so that you can most benefit from the feedback.

Clothing, Equipment and Additional Costs

- > A tablet, laptop or stationery to take notes in lectures and seminars
- > College-branded white laboratory coat
- > College-branded blue kennel coat
- > All college-branded equipment will need to be purchased from our online shop
- > Appropriate waterproof outdoor clothing and footwear for outdoor practical sessions
- > Strong steel toe capped boots for practical sessions
- > The college has a strict policy of not allowing work boots inside college buildings you will need to have alternative footwear (shoes or trainers) to attend lectures and tutorials
- > Roughly £300 to cover the costs of field trips and visits over the duration of your programme
- > A wide range of resources are available for use both on and offsite for dissertation projects but it may not be possible to purchase/service all requests, therefore students need to be aware that they may need to self-fund some elements
- > On successful completion of the programme, you will have the opportunity to graduate at a ceremony wearing formal dress. The hire of the formal dress is an additional cost

Progression

Graduates may be able to progress to the MSc Applied Animal Behaviour and Training or MSc Animal Behaviour and Welfare, which are available through blended learning at University Centre Bishop Burton.

Careers

Graduates can pursue roles as a welfare inspector (e.g. DEFRA, RSPCA), laboratory animal technician, welfare scientist, environmental enrichment co-ordinator, agriculture consultant, laboratory scientist, animal rescue and rehabilitation, reproduction technologist, in research, management positions or animal welfare societies. We have had graduates go onto successful roles within the Animal Plant and Health Agency, IDEXX labs and Rainbow Equine Hospital.