

BSc (Hons) Bioveterinary Science

Start year: September 2023

Course length: 3 years

Campus: Cambridge

Accredited by:
Anglia Ruskin University



University Centre
West Anglia



COURSE DESCRIPTION

The purpose of this three-year honours degree programme is to provide the student with a wide subject knowledge related to biological and veterinary animal sciences, with practical and transferable skills for careers allied to veterinary science, laboratory, scientific research, farming, animal health and welfare, veterinary physiotherapy, nutrition and the biotechnology and pharmaceutical industries. This programme can also be used as a means for application to study Veterinary Science at UK Veterinary Schools, and for application for postgraduate study in a wide range of subjects.

A mixture of core and optional modules will be offered throughout the programme. The core modules will provide the student with the underpinning knowledge and practical skills that will enable them to enter the industries allied to veterinary science. A choice of optional modules will provide the student with the opportunity to specialise in their chosen route. Practical and industry-based visits will underpin the students academic knowledge, whilst giving them the opportunity to practice and develop practical skills required in the industry. Students will also develop their investigative skills for research, thus enabling the student to specialise in areas of particular interest to them. Students will be taught by qualified veterinary staff and animal scientists who have had experience in the veterinary/laboratory industry and who undertake research in this field of study. Students will have the opportunity to study a wide variety of species, including companion animals, non-traditional companion animals, equine and farm animals. Students will have access to a wide variety of facilities including a clinical skills lab, laboratory, equine therapy centre, equine yard and animal unit.



COURSE AIMS

The aim of the programme is to provide the student with a balance of applied and academic study. Academic knowledge and understanding reinforces and supports the development of skills that can be applied to working in this sector, therefore equipping the learner with the ability and knowledge relevant for future employment and to the needs of employers. The student will obtain an awareness of current issues within the animal/veterinary industry and develop an ability to evaluate and analyse the information provided and apply this to help improve the health and welfare of animals.

ASSESSMENT DETAILS

This course will be assessed using a variety of methods, including written assessments, written exams, practical exams and presentations.

ENTRY REQUIREMENTS

- 120 UCAS tariff points from an extended diploma (DDD), Access to Higher Education (45 credits at merit level) or A-Levels (BBB) which include biology or sciences



COURSE COMPOSITION

How many days per week:

1 full day and two half days.

What days:

Trimester dependent

Expected contact hours (per week):

Modular programme with modules being 15 or 30 credits. Each module has 3 hours contact with the lecturer per week. Each trimester has 4 taught modules, thus for each trimester there is a total of 12 hours contact time each week.

Made up of:

The exact nature of the taught components will vary depending on the module and a mixture of lectures, practical sessions, seminars and workshops would be used.

Expected self-study hours (per week):

Expectation of 9.5 hours of self-study per module per week.

Experience of course team:

The course team includes a mixture of experienced vets, vet nurses and animal scientists. Each member of the team is experienced in the subject that are delivering and has qualifications linked to the subject area.



MODULES

All the following modules are compulsory to achieve the qualification.

Year 1 (Level 4)

Module name	Credits
Communication, Problem Based Learning and Study Skills	15
Animals and Human Society	15
Animal Husbandry, Health and Disease	30
Introduction to Life Sciences	30
Comparative Anatomy and Physiology	15
Introduction to Animal Nutrition	15

Year 2 (Level 5)

Module name	Credits
Diagnostic Techniques	30
Applied Animal Nutrition	15
Disease Surveillance and Epidemiology	15
Introduction to Research	15
Animal Welfare and Ethics	15
Equine Science (optional)	15
Alternative and Complementary Animal Therapies (optional)	15
One Health (optional)	15

Year 3 (Level 6)

Module name	Credits
Undergraduate Major Project (Dissertation)	30
Development in Animal Management	15
Pharmacology	15
Animal Breeding, Welfare and Ethics	15
Animals and Society II	15
Applied Animal Welfare and Ethics (optional)	15
Animal Cognition and Learning (optional)	15
Business Practice (optional)	15
Sustainable Farm Animal Production Systems (optional)	15



COURSE FEES

Tuition fees:

Full-time: £9,000 (2023-2024)

We set our course fees annually. As students pay a fee for each year of their course, the fees set for future academic years may be higher than those set in the 2023/2024 academic year. For each future academic year of your course of study, your fees may be subject to review and increase on a basis in line with the Retail Prices Index (RPI) plus 3%. RPI is a measure of inflation published monthly by the Office for National Statistics which measures the changes from month to month in the cost of a representative sample of retail goods and services bought by consumers within the UK. This means that your course fees will not be increased each year by more than RPI + 3% from the previous year's fees and will not ever exceed the maximum amount that the government allows higher education institutions to charge students in the related academic year.