

# Higher Education

Capel Manor  
College

[capel.ac.uk](http://capel.ac.uk)





# Make a difference

Are you thinking about higher education? You can study a full three year degree at London's environmental college. Our higher education programme is delivered in partnership with the Royal Agricultural University (RAU), one of the leading, land-based universities in the world.

We work closely with land-based industries to design our courses so that they equip you to meet the demands of the employment market, both in the UK and worldwide.

You can study animal management and zoology, a zoology top-up and a biodiversity and conservation top-up. You will receive high-quality academic and practical teaching across our first-class facilities.

Our animal management students benefit from learning in various locations across our Enfield Campus, including the Manor House, laboratories, Forty Hall Farm and our mini zoo.

The Royal Agricultural University has been a leader in agricultural education and a major contributor to the land-based sector for over 175 years. Committed to preparing graduates for successful careers in their fields, the RAU continues to earn recognition for its excellent job prospects, with consistent high rankings in employability and industry relevance. This tradition of excellence is further supported by partnerships like the one with Capel Manor College, where students can pursue RAU-accredited courses that provide hands-on, practical experience alongside academic knowledge, enhancing their readiness for a range of careers in land-based industries.







# FdSc Animal Management and Zoology

Our Foundation Degree in Animal Management and Zoology has been created in partnership with the Royal Agricultural University (RAU).

You will learn holistic approaches to the management of diverse animal collections, gaining the ability to apply your knowledge to many areas of animal management including zoology, wildlife conservation and farm management.

You will gain advanced practical and business skills through hands-on experience at our zoo and farm, with strong support to participate in national and international work placements across the animal industry.

With numerous industry trips organised for students throughout the year, you will also have the chance to join our annual conservation trip, where previous participants have worked on projects in South Africa and Peru.

## Modules

### Anatomy and Physiology

You will explore the structure and function of animals' bodies. Lessons will involve lectures, practical dissections and digital models. You will learn how organ systems interact, their roles in survival and species-specific adaptations.

### Zoo Animal Husbandry and Enrichment

Through lectures, case studies and zoo visits, you will understand care, feeding and enrichment strategies for zoo animals. They will learn techniques to ensure animals' mental and physical well-being in captivity, emphasising ethical considerations.

### Aquatics Systems Management

You will study aquatic habitats and the technologies used to manage them, including filtration and water chemistry.

### Concepts in Animal Behaviour and Welfare

This topic introduces key concepts in animal behaviour and welfare. You will analyse animal behaviour patterns, welfare issues and the scientific methods used to assess and improve welfare in various settings, including farms and zoos.

### Ecology and Species Identification

You will learn to identify species through fieldwork and classification systems. Teaching will focus on

ecological relationships and biodiversity. You will develop field survey skills and understand species' roles within ecosystems.

### Fundamentals of Science

Core scientific principles such as the scientific method, research design and basic statistics will be covered. Through problem-solving exercises, you will develop skills in critical thinking, data collection and interpretation.

### Natural History

You will explore the evolutionary history of animals and ecosystems. Lectures and field trips will cover key evolutionary processes, fossil records and the natural history of various animal groups, helping you understand biodiversity.

### Animal Disease and Immunology Studies

This course covers the immune system and its response to diseases in animals. Through case studies, you will explore diagnostic techniques and treatments, gaining insight into disease management and prevention.

### Animal Training and Enrichment Design

You will learn principles of animal training, focusing on positive reinforcement. Lessons will include practical sessions on designing enrichment activities that stimulate animals physically and mentally, improving their welfare.

### Breeding and Population Management

This topic explores genetics, breeding programs and managing animal populations in zoos or conservation efforts. You will learn about genetic diversity, ethical breeding practices and strategies for maintaining sustainable populations.

### Plant Ecology

You will study plant biology, ecosystems and their roles in supporting animal life. Sessions will teach you about plant species, their adaptations and ecological interactions, preparing them for habitat management.

### Animal Nutrition

You will explore the dietary needs of various species, focusing on nutrients, digestion and feeding strategies. Sessions will involve creating species-specific diets and understanding the link between nutrition and health.

## Entry requirements

You will need to confirm your ability to study on a foundation degree by presenting evidence of:

- 64 UCAS tariff points from Level 3 qualifications
- A minimum of three GCSE subjects at grade 4 (A\* to C) including English and maths (or equivalent Level 2 qualification)

## What next?

Successful completion of this foundation degree will enable you to become an animal manager of a collection of animals or work within rehabilitation, conservation and zoological collections.

Additionally, you can apply for our BSc (Hons) Animal Management and Applied Zoology Top-Up (subject to entry requirements).

**Starts:** September

**Duration:** 2 years

**Fees:** £9535 – subject to change (per year)

**Campus:** Enfield

**UCAS course code:** 103Z

Subjects may change due to course revalidation.

## Apply online









# BSc (Hons) Animal Management and Zoology (Top-Up)

This course is designed to elevate your knowledge and skills to a professional level within the animal industry. With a strong focus on vocational relevance, industry standards and essential transferable skills, this degree prepares you for a successful and impactful career.

You will explore the management of zoological collections, wildlife conservation and farms, enabling you to progress to a wide range of roles both nationally and internationally. You will gain practical hands-on skills through access to our zoo.

Additionally, you will develop academic research skills and the core knowledge required to work in zoos, animal rehabilitation reserves, aquaria and animal collections or related animal industries.

As part of your studies, you will be actively encouraged to participate in numerous trips within the animal industry, including our annual conservation trip.



## Modules

### Applied Physiology

In this advanced course, you will analyse physiological processes across animal species, linking structure to function. You will investigate physiological responses to environmental changes and stressors.

### Exotics Collection Management

You will learn about the care, regulation and ethical considerations of maintaining exotic animal collections. Through case studies and visits to animal facilities, you will gain insights into managing diverse species.

### Carnivore and Venomous Species Management

This topic focuses on the management of dangerous species. You will study the biology, behaviour and care requirements of carnivores and venomous animals, emphasising safety protocols and conservation.

### Sustainability and International Policies

This course will examine global policies related to animal conservation and sustainability. You will analyse case studies on international agreements, learning to evaluate the impacts of these policies on wildlife and ecosystems.

### Anthrozoology (Option)

Applicants opting for this course will explore human-animal interactions, including the cultural, social and ethical dimensions. Lessons will include discussions on the role of animals in society and the complexities of

human-animal relationships.

### Applied Technology

You will learn about the latest technological advancements in animal management and conservation, such as GPS tracking, camera trapping and data analysis. Practical sessions will help you apply these technologies to real-world problems.



### Animal Ecophysiology (Option)

This course covers how animals adapt physiologically to their environments. You will investigate environmental stressors like temperature and humidity and how animals maintain homeostasis, using lab-based studies and fieldwork.

## Entry requirements

You will need to confirm your ability to study on the BSc (Hons) Top-Up by presenting evidence of:

- A foundation degree or a HND award (Merit) in a subject related to the BSc (Hons) Top-Up
- Depending on previous studies, you may be required to complete additional 'bridging' studies prior to enrolling on the course in order to cover identified gaps in previous learning

## Apply online



## What next?

Successful completion of this BSc Top-Up provides a clear route if you are seeking national or international employment within the zoological and animal collections industry; as well as animal management and conservation-related industries.

Additionally, you can further your education by undertaking a master's degree or a PhD in a related discipline.

**Starts:** September

**Duration:** 1 year

**Fees:** £9535 – subject to change

**Campus:** Enfield

**UCAS course code:** D105

Subjects may change due to course revalidation.

# Join us

## Open Days

We host Open Days and Advice Evenings throughout the year where you can talk to our expert tutors for course advice and guidance. Register online to join an upcoming event.



## Contact us

Speak with our Admissions team by:

- Calling 0303 003 1234
- Using Live Chat Monday to Friday from 9.30am to 4.30pm
- Complete an enquiry form on our website





Over the last 50 years, Capel Manor College has helped thousands of students achieve their dream of working with animals, plants and the natural environment. As one of our students, you will benefit from:

- Dedicated training facilities
- Access to two, fully-licensed zoos at Enfield and Crystal Palace Park
- Practical experience in our city farms
- More than 1,000 animals in collections across our campuses
- Working with a variety of rare and native breeds of commercial and organic livestock including pigs, sheep and cattle at Forty Hall Farm
- Taking part in conservation research projects as part of our degree level courses
- Excellent industry links to help you find employment after your studies

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