

# Animal Care

## Animal Management Foundation Degree (FdSc)

### In Brief

#### Start Date / Duration

This course starts in September 2023 and runs for two years. You will study over 2 days per week.

#### Entry Requirements

Students are required to have 72 UCAS points

#### Plus

Five GCSEs at grade A\*-C including English Language, Maths and Science

Alternatively, relevant paid or unpaid work experience will be taken into consideration.

#### You will achieve

Animal Management Foundation Degree (FdSc)

### Course Overview

Barnsley College offers you the opportunity to prepare for a range of challenging and exciting careers working with animals. We have our own working farm, Wigfield Farm in Worsbrough, which has over 60 species of animals on site.

Studying at the farm will give you hands-on experience of working with animals such as sheep, cattle, pigs, meerkats, rabbits, llamas and reptiles.

### Course Content

#### Year 1

##### Biological Principles

This module will develop your understanding of cell and tissue structure. It will also introduce some basic chemistry that relates to biological concepts and will give you the opportunity to increase your confidence in carrying out basic laboratory skills.

##### Small Business Enterprise

This module will provide you with an understanding of the basic principles to help set up your own business.

## **Animal Husbandry**

In this module you will have the opportunity to apply your practical skills in direct handling and management of animals and to understand the relationship between husbandry and disease prevention.

## **Research Skills and Techniques**

This module aims to develop your skills of independent enquiry, understand data and apply statistical tests. You will plan your own research project that you will implement in second year.

## **Anatomy and Physiology**

You will learn about physical support and movement in animals, body transport systems, the acquisition of materials and removal of waste and animal reproduction.

## **Principles of Ecology**

This module will develop your understanding of ecological concepts by giving you opportunities to practice ecological skills and techniques.

## **Year 2**

### **Aquatic Ecology**

You will learn to identify a range of aquatic organisms and carry out a freshwater survey. You will develop understanding of feeding and reproductive strategies in fish and will evaluate the impact of exploiting aquatic species.

### **Animal Behaviour**

In this module you will investigate communication, feeding and reproductive behaviours. You will also investigate learning and its applications.

### **Research Project**

You will have the opportunity to carry out your own research project and develop a range of transferrable skills, such as independence, initiative, time management and organisational skills.

### **Genetics**

You will gain a fundamental understanding of the principles behind genetics and the application of a range of genetic manipulation techniques.

### **Animal Health and Welfare**

This module aims to develop understanding of factors that influence animal health and agents

that cause ill health.

## Optional Modules

- Horse husbandry
- Farm livestock

## How will I be assessed?

Assessment is by assignments, presentations, reports and tests. There is no formal end examination.

## What Equipment Will I Need?

All learners on Land Based programmes are required to wear standard uniform and also PPE for practical work in the form of steel toe capped boots and overalls.

## Where will I study?

Wigfield Farm  
Haverlands Lane  
Barnsley  
S70 5NQ

## What can I do next?

There are several opportunities available, one of which is to carry on studying for a top-up degree (Level 6) in an animal related subject.

Beyond College, there are many opportunities such as groomer, RSPCA, , army dog handler, customs dog handler, equine or stable work, animal behaviourist, zoo keeper and animal technician.

## How much does the course cost?

Course fees: £5,995 per year.

## Extra information

### Disability and Dyslexia Service (DDS) Higher Education

We offer a service to any student who has a diagnosis of anything persistent or long-term which might interfere with how they study and manage their day-to-day academic engagement. The service is flexible and shaped around the needs of each individual; it might be consistent support or intermittent support.

For further information please refer to our website. [<https://www.barnsley.ac.uk/higher-education/dds-at-higher-education/>]

## HE Student Finance

As a Higher Education student living in England you may be eligible for the non-means tested Tuition Fee Loan from the Government. For further details go to:

[www.direct.gov.uk/studentfinance](http://www.direct.gov.uk/studentfinance) [<http://www.direct.gov.uk/studentfinance>]

You may also be eligible for a Maintenance Loan. See the Government website [<https://www.gov.uk/student-finance>] for up-to-date details.

Students with children or dependant adults may qualify for a Childcare Grant or Adult Dependents' Grant. Students can apply for these at the same time as applying for a Maintenance Loan.

**Remember:** Eligible students will not have to pay tuition fees in advance and can apply for the Maintenance Loan before they start the course.

Apply online at [www.direct.gov.uk/studentfinance](http://www.direct.gov.uk/studentfinance) [<http://www.direct.gov.uk/studentfinance>]

## Contact the Information Unit

For further information please contact our friendly Information Team on +44 (0)1226 216 123 or email [info@barnsley.ac.uk](mailto:info@barnsley.ac.uk) [<mailto:info@barnsley.ac.uk>]

## Want to join Barnsley Sports Academy and the Sports Village?

Barnsley College has a range of sports opportunities for all students to take part in, gain professional training and compete nationally and internationally. We also have a state-of-the-art fitness village, Honeywell Sports Village [<https://www.barnsley.ac.uk/shops-services/honeywell-sports-village/>] where students can make use of our fitness suite, spinning studio and classes for competitive rates. You don't have to be studying sport to get involved in the Sports Academy [<https://www.barnsley.ac.uk/our-departments/sport/sports-academy/>].

## Disclaimer

Please note we reserve the right to change details without notice. We apologise for any inconvenience this may cause.

**Last updated:** 19th September 2023

### Want to apply?

Visit <https://www.barnsley.ac.uk/apply> to get started

Call us on **01226 216 123**