



University of  
Reading

DEPARTMENT OF ANIMAL SCIENCES

# ANIMAL SCIENCE

Studying the biology of animals under  
the influence of humankind



# ANIMAL SCIENCE AT READING

Animal Science develops your understanding and application of the scientific disciplines that underpin the management of productive, companion and captive animals. We particularly focus on the study of physiology, nutrition and the animal's environment and how these may be optimised to improve animal productivity, health and welfare.

BSc Animal Science at Reading is ideal if you would like a career in animal health, welfare, nutrition, management or research, or as an entry point for a veterinary science career. The four year option, with placement year, gives you the opportunity to spend a minimum of 40 weeks working alongside professionals in an organisation that will provide relevant and genuine work experience. Previous students have undertaken placements with ABP Food Group, RSPCA, Durrell Wildlife Conservation Trust, DuPont and Chester Zoo. You can apply for one of the many advertised placement years in the UK or abroad, or you can develop your own tailor-made placement.



High Ranking  
Part of a School ranked  
11th in the world (QS World  
Rankings for Agriculture  
and Forestry, 2022)



Placement  
experience



Links to industry

## OUR COURSES

**BSc Animal Science (D320)**

3 years full-time

**BSc Animal Science with Placement Year (D300)**

4 years full-time

## TYPICAL OFFER

**UCAS tariff** BBB including Biology and one other science subject.

**International Baccalaureate** 30 points overall, including Biology and one other science subject at higher level.

**BTEC Extended Diploma** DDM

Other qualifications are considered and we welcome applications from mature students with relevant practical experience.

With  
**Foundation  
year**

Did you know we also offer **BSc Animal Science with Foundation Year?**

To find out more about the foundation year visit: [www.reading.ac.uk/ready-to-study/study/subject-area/animal-science-ug/bsc-animal-science-with-foundation.aspx](http://www.reading.ac.uk/ready-to-study/study/subject-area/animal-science-ug/bsc-animal-science-with-foundation.aspx)

## HOW TO APPLY

For full details on subject and grade requirements and how to apply, visit:

[www.reading.ac.uk/bsc-animal-science](http://www.reading.ac.uk/bsc-animal-science)



'Working at Danisco Animal Nutrition (DuPont) has changed the way I work and think, and has given me valuable experience. My work involved communicating with laboratories and research facilities globally so my communication skills have really improved, while the research that I undertook helped to develop excellent analytical skills.'

**Marco Crisci**

BSc Animal Science with Placement Year

## WHY READING?

At Reading, you will be part of a School that is regularly ranked highly in the league tables and is internationally recognised for its research expertise. When transferred to a teaching environment, this will enable you to develop excellent research skills that are highly regarded by employers. Our modern facilities, including laboratories, are located on an award winning parkland campus, which complements the University's own farm that is used for research and teaching.

The School has excellent links with the animal science community, and works closely with a range of conservation parks, zoos and land-based colleges to ensure that you acquire diverse experience across the industry.

We offer a wide variety of optional modules that enable you to specialise in the areas that interest you the most. This is achieved by tapping into the wealth of expertise that is held across the University, as we link with other Schools such as Biological Sciences; giving you the opportunity to study alongside students from other disciplines.

## FREEDOM TO CHOOSE

Our degree is built on a number of core modules covering subjects such as:

- Animal growth, lactation and reproduction
- Animal health and disease
- Animal nutrition
- Animal welfare
- Cell biology and biochemistry
- Physiology
- Experimental design and data analysis
- Research projects

Optional modules, allowing you to follow your interests, cover topics such as:

- Canine and feline science
- Zoo animal management
- Conservation biology
- Equine science and management
- Livestock production
- Small animal management

For a complete list, visit:

[www.reading.ac.uk/bsc-animal-science](http://www.reading.ac.uk/bsc-animal-science)

## YOUR CAREER ASPIRATIONS

Our graduates typically find employment within scientific, managerial and technical services in commercial organisations concerned with animal health and nutrition. Other roles exist in scientific research, education, the food industry and conservation while some graduates use their degree as a foundation for further study in Veterinary Science, MSc or PhD programmes.

Employability skills are embedded throughout the curriculum and students are given opportunities to explore a range of career options. There are plenty of ways to build vital experience and skills, from volunteering activities through the RED award to our mini work placement module.



'I've really benefited from the first-hand experience that Reading has offered, from countless visits to animal-related practices to working in the labs on campus. The current research carried out by the lecturers is also extremely relevant and has shaped the course and my learning.'

**Laura Wilkins**, BSc Animal Science graduate



The Department of Animal Sciences, based within the School of Agriculture, Policy and Development, is committed to empowering change through our teaching and research, with our academics working to tackle some of the world's most pressing issues.

Our mission is to make a difference in the context of the United Nations Sustainable Development Goals, so we offer a diverse range of modules giving you knowledge and skills that will enable you as an individual to have an impact and be part of global change, whatever your chosen pathway.



## ANIMAL SCIENCE AT READING

**i** For more information, please contact:

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### Disclaimer

This brochure was issued in 2022 and is aimed at prospective undergraduate students wishing to apply for a place at the University of Reading (the University) and start a course in autumn 2023. The University makes every effort to ensure that the information provided in the brochure is accurate and up-to-date at the time of going to press (May 2022). However, it may be necessary for the University to make some changes to the information presented in the brochure following publication – for example, where it is necessary to reflect changes in practice or theory in an academic subject as a result of emerging research; or if an accrediting body requires certain course content to be added or removed. To make an informed and up-to-date decision, we recommend that you check [reading.ac.uk/study](https://reading.ac.uk/study). The University undertakes to take all reasonable steps to provide the services (including the courses) described in this brochure. It does not, however, guarantee the provision of such services. Should industrial action or circumstances beyond the control of the University interfere with its ability to provide the services, the University undertakes to use all reasonable steps to minimise any disruption to the services.

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### Modules disclaimer

Sample modules are provided as a taster of some of the modules that may be available on each course. The sample modules listed may be compulsory (core) or optional modules. Information is correct at the time of going to press (May 2022) but the University cannot guarantee that a module appearing in this list will definitely run. Teaching staff on specific courses or modules mentioned in this prospectus may be subject to change.

For optional modules, the University cannot guarantee that all optional modules will be available to all students who may wish to take them, although the University will try to ensure that students are able to take optional modules in which they have expressed interest at the appropriate time during their course. Optional modules vary from year to year and entry to them will be at the discretion of the Programme Director.

### Year abroad and placement fees

Some courses include an optional or compulsory year abroad or placement year. During this year you will only pay a partial fee which is currently set at 15% of the normal tuition fee. Check the website for the latest information: [reading.ac.uk/fees-and-funding](https://reading.ac.uk/fees-and-funding)

### Placements disclaimer

Programmes with a Professional Placement Year (also known as 'Year in Industry' or 'Placement Year') are fully dependent on students securing their own placement opportunity, normally through a competitive recruitment process. The University provides dedicated career and application support for placement year students. Students who do not secure a placement or who are unable to complete the placement year due to extenuating circumstances, have the option to transfer to a three year variant of their programme with agreement from their School/Department.