

## The Research Companion: A practical guide for those in the social sciences, health and development

What is animal science?

Animal science focuses on the health, productivity and care of managed animals.

Innovation in animal science aims to address some of the biggest challenges facing our world today, such as feeding a growing human population.

What is the difference between animal science, zoology and veterinary science?

While zoology looks at wild animals in their natural habitats, animal science focuses on the study of managed animals in settings such as farms and zoos.

Veterinary science focuses on supporting animals through illness and injury. In contrast, animal science looks into their health and care by finding more effective ways to breed, raise and look after animals.

Animal science at the University of Nottingham

Our courses blend theoretical knowledge with hands-on learning. You will be taught by academics who are at the forefront of research in their fields. You will gain practical animal handling experience including guinea pigs, sheep, hens and cows, with practical sessions and field trips.

You can choose from four options:

Bioveterinary Science – examine the science behind animal health and disease  
Physiology and Biotechnology – study animal structure and function, including stem cell and developmental biology  
Livestock Production – investigate the science of farm animal nutrition, productivity and fertility  
Ecology and Conservation – focus on the science, management and welfare of zoo and captive animals

You do not have to decide which option to focus on until the end of your first year. Whichever option you choose, you can study modules from other options, and other areas of biosciences, including microbiology, nutrition and agriculture.

You will study at Sutton Bonington Campus, home to the University Farm and Dairy Centre. The farm is commercially run, with facilities for research and teaching. Farm staff contribute to teaching.

You can enhance your employability with an extra year abroad, on an industrial placement, or studying computer science.

## Reference

[EMT Flashcard Book + Online \(EMT Test Preparation\)](#)

[EMT-Basic - Interactive Flashcards Book for EMT \(REA\) \(REA Test Preps\), Not the Premium Edition](#)