



## Bachelor of Animal Husbandry

### For dynamic all-rounders

The animal sector is highly dynamic on a worldwide scale. In the Netherlands alone, more than 400,000 people ride horses and over 70,000 companies are involved with them, resulting in a business turnover of 1.3 billion Euros. Another important sector of the Dutch animal industry is the livestock sector, which counts over 1.5 million dairy cows, 12 million pigs and 95 million chickens. Both the livestock and equine sector deliver excellent quality products and services.

None of this would be possible if the fullest attention were not paid to the care, health and welfare of animals. Together with business management, marketing and innovation, these lie at the heart of this degree programme. These competences are becoming ever more important, considering that the livestock industry is currently undergoing intensification of farming on the one hand, and diversification of activities on the other. More and more farms are not only trying to increase production in a sustainable manner, but they are also adding extra activities to their core tasks as producers. A dairy farmer might for instance start up a campsite, offer recreational facilities or organise educational excursions.

As an entrepreneur, service provider or consultant, you will be involved in all such changes, which means you will need expertise in several domains: breeding, trade, horsemanship, animal behaviour, sport and last but not least, sustainability and welfare. You will acquire an excellent understanding of animal and business management, of the various business types involved in the equine and livestock industries, and of the many suppliers they depend on. The sector needs well-trained specialists like you! Upon graduation, you will qualify for a wide range of jobs: as an entrepreneur or business manager, as a business advisor or as a supplier. You will also qualify for a job in the banking or insurance sector, or as an organiser of sporting events. You could become a manager, project manager or strategic policy assistant. Or how about a job with the British Horse Society? Almost everything is possible with this internationally focused degree programme, as it has been shown to open doors worldwide!

## Facts

### Degree

Bachelor of Animal Husbandry (BSc) is accredited by the NVAO, the Accreditation Organisation of The Netherlands and Flanders.

### Programme

Bachelor programme (BSc) | 4 years | English taught

### Professional field

In the course of the study programme, you can focus on Applied Animal Science or Equine Sports & Business.



Professional field:

## Applied Animal Science

Bachelor programme (BSc) | 4 years | English taught | Velp

### Working as a professional in animal healthcare

Are you curious about animals and their peculiarities? Would you like to learn all there is to know about a particular species? Do you think it is important that animals that are kept for commercial purposes are cared for in the best possible way, everywhere in the world? If so, you should choose to focus on Applied Animal Science - your gateway to the world of scientific animal research. Specialisation is increasingly important in all sectors of animal care, from companion animals to production animals. Though there are many agricultural extension workers and advisors on animal husbandry, there is also a need for people with a deep scientific knowledge of each of the main species within the husbandry system; cattle, horses, pigs or poultry.

By focusing on Applied Animal Science, you will be able to specialise in the species of your choice. You will be working on real life assignments and projects in connection with for instance farmers, researchers and advisors. In these assignments and projects you learn to translate scientific knowledge into recommendations for everyday practice. Hereby you develop your communication skills and discover your entrepreneurial qualities.

### Work placements

During a work placement in the beginning of year two you will be participating in and analysing an organisation in the livestock sector. Moreover, you will apply your knowledge and skills acquired in year one. In the second semester of year three you will work at a research institute or an organisation active in animal health or policy-making. Here you will specialise in a range of subjects including epidemiology and reproduction.

### Career opportunities

Graduates have many opportunities for employment. For example, you could become a bio-security or poultry feed specialist at an international organisation such as Nutreco, or a cattle reproduction specialist at an artificial-insemination centre. You could be helping a farmers organisation implement policy changes on optimal livestock keeping. Alternatively, you could inform and support extension workers who work with problems in animal care, feeding and performance.

“It’s a gateway to the world of scientific animal research”



**Phaitun Bupphada**  
from Thailand

Student of Animal Husbandry

“As a group of students we set up an advisory company doing business in Croatia. We visited a number of farms, a milk quality lab, an accountancy company, an extension service and a veterinary service. We also gave a lecture about claw health to Croatian students by giving a presentation in class, and showing them how to observe the cows in the stable. The visit gave me a general idea of how people work together in real work situations. My advice is that it is good for students to do the work placement in another country, so you can see the many differences between your home country and other countries.”



“You are trained to recognize opportunities in problems”



**Jannigje Commisariz**  
from *The Netherlands*  
Financial Manager at  
EQ International,  
an events agency  
specialising in equine events

“I really enjoyed my time at Van Hall Larenstein. I especially valued the opportunity to study abroad for four months, as it gave me a different perspective on the international equine industry. I also found that working hard and being committed is not just necessary when you are working with horses, but that it is just as important when you are in the business sector. Because Van Hall Larenstein really values independently minded students, I picked up all the skills I need to have in order to be a good and effective manager.”

Professional field:

## Equine Sports & Business

Bachelor programme (BSc) | 4 years | English taught | Velp

### Horse business is big business

In Europe, millions of people are active in the equine sector. Think of breeding, sport, leisure or business activities at all different levels. The equine industry is rapidly expanding throughout the world, and therefore, continues to professionalise as a sector. Western European countries, like the Netherlands, Germany and the UK, have become key players in this international field. These countries are highly recognised worldwide for the breeding and trading of sport horses as well as for their high level of sport performance and equine knowledge.

The increasing number of international transactions - sport horses, equine products and horse knowledge - demand internationally oriented people, who can combine their interest in horses with sound business knowledge. The sector needs individuals with the ability to analyse business performance, spot market opportunities and come up with innovations. To be successful in this field, you have to be able to convert results from scientific research into practical situations. Solid knowledge about horses and a constant focus on finding new solutions is required for this.

Equine Sports and Business strikes a balance between equine science and business knowledge. During this program you deal with topics such as nutrition, breeding, exercise physiology, training, rider physiology and psychology plus welfare and behaviour. In addition, subjects such as finance, managerial economics, management, marketing and international trade are important elements of the programme. Besides knowledge you also learn important skills like networking, advising, planning and organising.

### Work placements

During the second year, you start with a work placement in an equine business of your choice. You spend the second half of the third year doing a work placement in a secondary or tertiary equine business. These are businesses you can also work for after your graduation; for example, commercial enterprises, trade organisations but also the National Equine Sport Federation (KNHS), event organising businesses, feed producers, breeding associations or equestrian magazines.

### Career opportunities

As a professional in Equine Sports and Business, you will be qualified to work within a commercial business environment in the equine sector. Your specific knowledge of horses will enable you to communicate easily with all kinds of organisations in the equine industry as you are educated for a wide range of businesses and positions. Employment possibilities include organising events, working as a project leader, or as an advisor on horse related topics. You will also be able to deal with product management, sales, supply chain management, trade or business management.

### Additional information

Would you like to keep your horse with you during your studies? If so, we can help you find a stable for your horse in the vicinity of Velp.

## Bachelor of Food Technology

### Creativity in the world of food, marketing and technology

Hardly a day goes by without new, better and healthier foods appearing in the shops. No-one can go without food; consumers' demands are always developing, and the authorities are always making new demands. It is therefore not surprising that 'quality' and 'innovation' are the most important words in the food sector - and no wonder it is vital to stay up to date!

As a food technologist, you need to think in terms of market, quality and business whilst developing new products. A fantastic challenge for creative, technically-minded 'foodies'! You will be able to deepen your knowledge of chemistry and economics, while you will also become absorbed in the fascinating world of microbiology, processing, nutrition, safety and health.

Could you become part of this dynamic and international world? Do you enjoy technological innovation? Would you embrace the challenge of creating safe and healthy products? Are you determined to maintain your personal development, but unable to choose between technology, management and food-marketing? No problem: as a student of Food Technology, you will be able to blend them all together!

This programme has a long history and an excellent reputation, with our international network proving invaluable to our students. The benefits continue when you graduate. There is no shortage of opportunities in the food sector. With so many producers, there are plenty of jobs for people whose knowledge of food safety, marketing and technology span the wide range of business sectors within the food industry.

Our graduates work as quality managers, product developers, project managers, process technologists and food safety advisors. Which is hardly surprising - your studies will have prepared you to excel in all of them.



## Facts

### Degree

The Bachelor of Food Technology (BSc) is accredited by the NVAO, the Accreditation Organisation of The Netherlands and Flanders.

### Programme

Bachelor programme (BSc) | 4 years | English taught

### Professional field

In the course of the study programme, you can focus on Food Innovation Management or Food Safety and Health.