

ENGINEERING
DEGREE IN
AGRONOMY

SPECIALISATION

SUSTAINABLE LIVESTOCK

VALUE CHAINS

Participate in skilled and responsible livestock value chains



BORDEAUX
SCIENCES
AGRO

General Information on the Specialisation

This specialisation is part of a 3-semester educational track focusing on the production of quality foodstuffs under conditions that respect animals and their environment, while fully taking into account sustainable development goals.

The sensory, nutritional and health qualities of foods in the pre-specialisation phase, followed by technical disciplines and animal welfare and environmental stakes during the specialisation phase allow graduates of the sustainable livestock value chains course to work at all stages of the food chain 'from fork to farm'..

Educational Programme

PRE-SPECIALISATION SEMESTER

Animal Feed and Human Food

13 weeks of study shared by the Sustainable Animal Livestock Value Chains, QSE Management in Food Value Chains, and Food, Nutrition and Health specialisations, including a 4-week group project

3-month pre-specialisation internship

SPECIALISATION SEMESTRE

Sustainable Livestock Value Chains

22 weeks of specialised study organised around a 'sustainable animal production' teaching unit and two professional projects done with livestock value chain stakeholders over 10 weeks

INTERNSHIP SEMESTER

6-month specialisation internship
defence of end-of-study theses

The Pluses

- > Acquisition of skills in project processes, internal audits, quality management, meeting moderation, etc
- > Participation in professional projects during a third of total training time
- > Importance of speakers from the professional world (agricultural entities, technical institutes)

Curriculum

The coursework, organised in units, covers four major thematic fields:

- > Engineering tools for Animal Feed and Human Food
- > Agriculture, Food and the Environment
- > Quality of Foods of Animal Origin
- > Sustainable Livestock Production

Career Prospects

This specialisation prepares students for all livestock-related professions. It gives students the necessary tools to enter and develop quality production value chains, based on sustainable livestock systems that are respectful of the environment and attentive to societal demands.

The jobs prospects after completion of the Sustainable Livestock Value Chains specialisation are diverse

- > Executive in production organisations and upstream industries
- > Advisory professions
- > Training professions
- > Research and development professions

Témoignage



Laure BARTOLO, Graduating Class of 2012

Dairy production engineer with Atlantic Conseil Élevage

"The extensive technical knowledge provided by the Sustainable Livestock Value Chains specialisation is an essential foundation for the job market. Genetics, reproduction, technico-economic indicators and even management are as many aspects of the training that contribute to the acquisition of multidisciplinary skills crucial in the professional world.

The professional projects and internships during the specialisation are true hands-on experience that builds on this solid foundation of knowledge acquired during the three years at school. After earning my degree, I applied for a job as an executive engineer with an agricultural union advising dairy farmers. In addition to my core mission of cattle reproduction and milk quality, I work on R&D and manage a team of eleven employees. The knowledge and skills I gained from Bordeaux Science Agro are real advantages that allowed me to fill this position, which I still hold today."

The Advantages of Bordeaux Sciences Agro

A welcoming and dynamic campus...

- 5 student housing halls offering 350 units
- Numerous student associations and clubs
- A wide range of sporting activities
- 17 modern languages offered

A higher education and research facility:

- 12 mixed research units
- 3 research transmission units
- ISO 9001 certification for engineering degrees
- Active sustainable development process

France's leading region in agricultural value added



- World leader in protected designation of origin wines
- France's leading region in quality-certified and/or certified origin production
- Home to the largest planted forest in Europe



Bordeaux: a UNESCO World Heritage Site

- High university and scientific potential
- Lively cultural and associative life
- Strong economic and tourism activities

Bordeaux: an Ideal Geographic Location

- 55 km from the beaches in Lacanau
- 3 hours and 15 minutes from the ski slopes in the Pyrenees
- 2 and a half hours from Spain

Contact

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