

ENGINEERING
DEGREE IN
AGRONOMY

SPECIALISATION

FOOD, HEALTH &

NUTRITION



Come help us create healthier food for future generations



BORDEAUX
SCIENCES
AGRO

General Information on the Specialisation

The Food, Nutrition and Health (ANS, 'Aliments & Nutrition Santé') specialisation responds to the current human nutrition challenges, characterised by growing demand from consumers concerned about their diets and health.

This specialisation trains scientific executives in the agrifood industry able to understand and adapt the food of the future to consumers' and distributors' requirements while complying with regulatory and scientific constraints.

Educational Programme for the Specialisation

→ Pre-specialisation Animal feed and Human Food (13 weeks)

> Skills in:

the nutritional, sensory and health quality of foods

+

> Skills in:

stakes, mastery, regulations and risk management

+

one 3-month pre-specialisation internship

→ Food, Nutrition and Health Specialisation (22 weeks)

 TRACK 1	<ul style="list-style-type: none">→ Technological Properties of Ingredients→ Innovation and Human Nutrition→ Marketing and Purchasing at KEDGE Business School + 2 professional projects	<ul style="list-style-type: none">+ specialisation internship (6 months)+ end-of-study thesis defence
 TRACK 2 RESEARCH	<ul style="list-style-type: none">→ Innovation and Human Nutrition→ Master's at the University of Bordeaux + 1 Projet professionnel	<ul style="list-style-type: none">+ specialisation internship (6 months)+ end-of-study thesis defence
 TRACK 3 RESEARCH	<ul style="list-style-type: none">→ Innovation and Human Nutrition→ Master's at the University of Bordeaux + 1 professional project	<ul style="list-style-type: none">+ Internship at the University of Laval (6 months)+ end-of-study thesis defence

The Pluses

- > Possibility of a dual engineering/Master 2 research degree (Human Nutrition and Health (HNH), University of Bordeaux) or a triple degree with the University of Laval in Quebec:
 - an advantage to go into Research & Development with large food corporations
 - a way to continue in Research (PhD)
- > The partnership with the University of Bordeaux, ENSCBP and KEDGE Business School: renowned outside speakers, collaboration with other students

Programme pédagogique

The coursework is organised in units around major thematic topics:

- > FNH Engineering Tools
- > Food Safety Control
- > Control of the Sensory and Nutritional Quality of Foods
- > Innovation and Human Nutrition
- > Technological Properties of Ingredients
- > Marketing and Purchasing
- > Nutritional Communication

Career Prospects

This specialisation prepares students for all professions in Human Food management, depending on the track followed.



→ Track 1

- Consultancy firms (nutritional, regulatory and marketing advice)
- SMEs and VSEs in the agrifood industry (all positions)
- Agencies and bodies in charge of food safety (ANSES, DRAAF, DGAL)



→ Track 2 et 3

- Further education: PhD
- Higher education and research careers



→ All Tracks

- Food industry groups (research & development, nutritional marketing, nutritional communication, regulation)

Testimonial



Cécile LEMOIGNE, Graduating Class 2008
Specialist, Scientific and Regulatory Affairs, Nestlé Group

"How has the Food, Nutrition and Health specialisation helped me rise to the challenges of a multinational firm?

With knowledge of raw materials and value chains, with a foundation in food quality and processing making it possible to understand production processes and interact with various professions, and with vital expertise in human nutrition to understand the context and current regulatory shifts.

Today, these skills have led me to manage conformity for a large portfolio of products and interact with professional associations and local authorities. With three years of experience at Nestlé France under my belt, I recently had a temporary assignment in Asia at the Singapore Research and Development Centre providing regulatory support for innovation. In my opinion, the advantages of our training and life at Bordeaux Science Agro are field experience, vitality, a spirit of adaptability and good relationship skills. And don't neglect English—it will be a huge advantage during your interviews and day-to-day work!"

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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