

Agronomy of Plants with Health Benefits

(for food supplements and cosmetics)

Program factsheet

Academic cooperation

Collaboration between:

- › University of Bordeaux
- › Bordeaux Sciences Agro

Level

This program leads to a Postgraduate University Diploma that specializes in biology, chemistry, agronomy, food and health sciences.

Program duration

- › 9 months (6 ECTS) organized as follows:
48 lecture hours, 40 collaborative project hours, 31 self-training hours, 1 final examination hour; 120 hours in total.

Admission requirements

Candidates must fulfill the following requirements:

- › **Students:** hold an initial Bachelor degree (or three years / 180 ECTS equivalent) from a university in the field of biosciences, chemical sciences, health or agronomy.
- › **Professionals:** this program may be considered as continuous training and is also open to professionals (with at least five years experience) including health practitioners, food-supplement companies, agronomists.

Program outline

The postgraduate diploma on Agronomy of Plants with Health Benefits is part of the Biology Master, specializing in Agrosience, delivered by the University of Bordeaux (Semester 1). This program includes:

- › Agronomy of plants with health benefits
- › Food supplements: safety, efficiency, innovation
- › Food supplements: physiological and medical approach

The program on Agronomy of Plants with Health Benefits deals with the following topics for plants with health benefits: culture conditions, diversity, standardization and production durability.

Another aspect of the program concerns French and European regulations which are analysed and explained.

International students are encouraged to present their own regulations in order to identify differences and market opportunities.

Language requirements

Teaching languages are French or English.

- › English: minimum TOEFL score of 550/213/79-80 or minimum IELTS score of 6.0.

Tuition fees

- › Annual tuition fees: 3,000€

Distance training / e-learning



This program may be completed via e-learning. E-learning activities are provided in both languages through the university e-learning Moodle platform. Lectures are recorded and available in French or English using simultaneous translation.

- › **Students:** information may be obtained from the university Continuing Education service (College of Science & Technology).
- › **Professionals:** information may be obtained from specific university Continuing Education services.

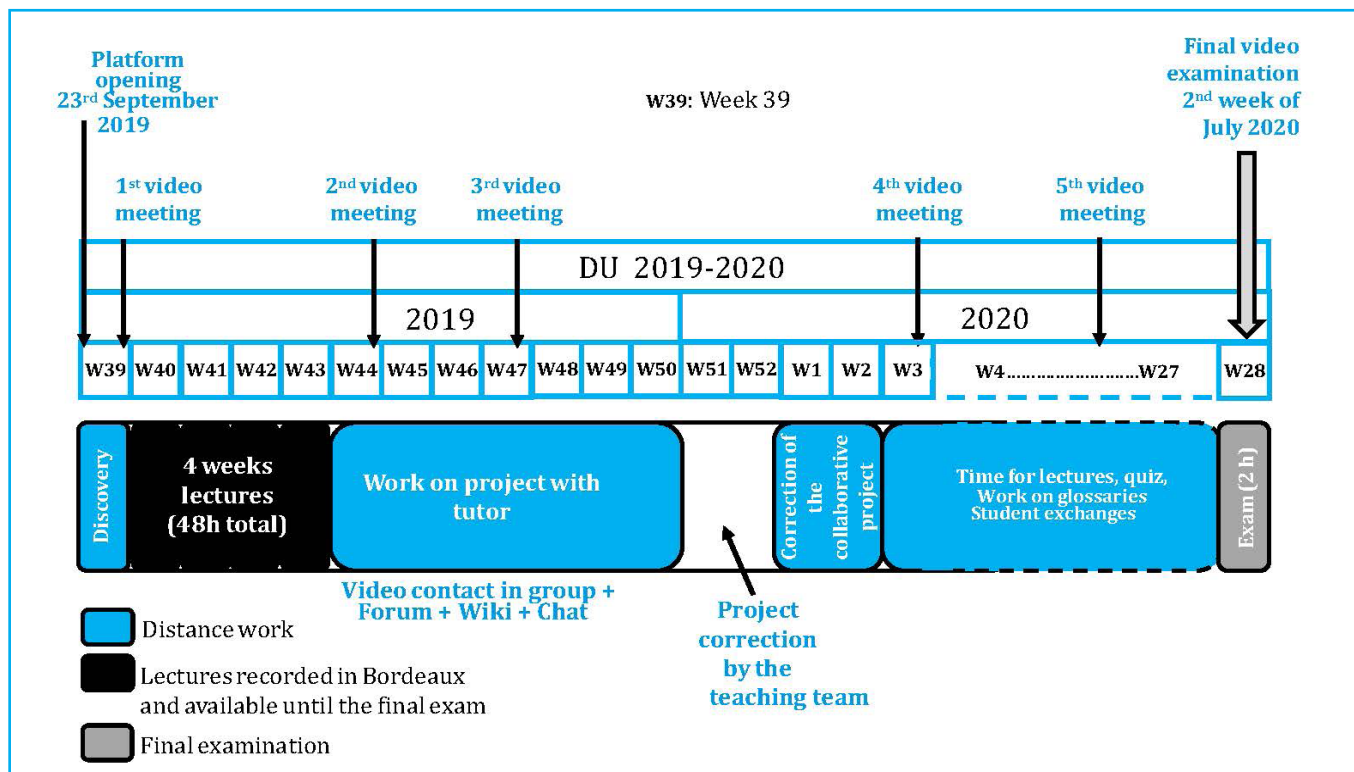
Course features

› Teaching mode	E-learning
› Level	Postgraduate diploma
› Knowledge updates via glossaries	✓
› Lectures, notes or reading	✓
› Yearly update of lectures	✓
› Uploading of documents	✓
› Document analysis	✓
› Labs and assignments	-
› Tests or quizzes with solutions	✓
› Video lectures	✓
› Course podcasts	✓
› Audio	✓
› Regulations upgraded for 5 years	✓
› Collaborative project	✓
› Video, forum, chat communications	✓
› Network constitution	✓

Program structure

The postgraduate diploma in Agronomy of Plants with Health Benefits, is carried out from October to July and is open to all distance learners.

The program includes lectures that are recorded and translated. Distance activities, such as glossaries and quiz events are organized. Distance learners are mixed with students present in Bordeaux in order to create a collaborative distance project based on the formulation of a food-supplement. This project requires an analysis of existing regulations within and outside Europe for plant agronomy, plant health effects and food-supplements.



Strengths

- › Innovative program dealing with an international issue: the quality of food-supplements
- › Expertise in the formulation of high quality food-supplements
- › E-learning mode that mixes students from different origins: Bordeaux academic students with distance learners and professionals from the health, agronomy and food-supplement industry
- › Teaching carried out by academics as well as professionals
- › Teaching available in English and French
- › Postgraduate diploma delivered for distance learners

Contacts

PROGRAM COORDINATORS

University of Bordeaux

- › Prof. Catherine Bennetau

CONTINUING EDUCATION

Science and Technology college

- › inka.manek-honninger@u-bordeaux.fr

How to apply?

Please send your achievements, grades, cover and recommendation letters to the following contacts:

- › **Catherine Bennetau**

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- › **Stéphanie Krisa**

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- › **Michel Hernould**

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And after?

After graduation, students have access to career opportunities such as engineers or further research as PhD students.

Their educational background makes graduates attractive candidates for companies in the following areas:

- › Plant agronomy and production
- › Pharmaceutical industry
- › Food supplement industry
- › Regulation agencies
- › Food safety authorities
- › Plant molecule chemical analysis
- › Cosmetics

More information about our university:

www.u-bordeaux.com