



## Specialization « Economic and social sciences », pathway of Master 2 **FOOD VALUE CHAINS AND AGRO-LOGISTICS**

Master of Science

## **FOOD VALUE CHAINS AND AGRO-LOGISTICS**

**2020/2021**

### **OBJECTIVE**

To control the products supplies and transportation from the countryside to the final consumer's table has become essential to comprehend the good working of supply chains. This post-university training programme is designed to form and help young graduates specialize in food chain management and coordination.

The training provides the following skills:

- **Conceptual skills:** analyze the functioning of the food system and various food chains, observe and analyze the food chains agents' environment, its limits and its assets, national and international regulations defining the socio-institutional framework of food chains, specialize in food supply management and coordination.
- **Practical skills:**
  - to elaborate a strategic diagnosis of an agri-food chain and suggest strategic projects for all the involved agents,
  - to work in multidisciplinary teams and to study the interactions between technical and socio-economic aspects.

### **MASTER 2 PROGRAMME** (60 ECTS)

#### **Unit 1: Food chains: concepts and definitions (September)**

- Acquisition of the approaches and methodological tools to master the various uses of the chain concept, value chains and global value chain.
- Analysis of the agri-food markets functioning, particularly within the economic liberalization context.
- Acquisition of the tools for the analysis of coordinating multi-stakeholders methods in companies.

#### **Unit 2: Technical aspects of logistics: new technologies, innovations, transportation cost control (October)**

- To learn how to manage the key procedures of a global logistics chain and to optimize partnerships network management.
- To analyse the impact of logistics actions on financial performance.

#### **Unit 3: Legal aspects of logistics: rules, regulations and legal foundations of international logistics (October-November)**

- To apprehend the conventions, contracts and standards of international transportation, governing the international logistics networks.

#### **Unit 4: Large retailing sector and food supply chains management (November-December)**

- To understand how the different marketing processes work and the role played by the different actors of the economy.
- To learn modern logistics methods to better manage the goods and information flows.

### **ORGANIZATION**

→ **Master 2 (Baccalauréat +5 years)**

Eight units	37 ECTS
Training and report	23 ECTS

This training program is organized by the CIHEAM-IAMM.

A training period in a professional environment, starting from mid-March is compulsory.

Depending on available seats, the course units can be followed as a short-duration course.

→ **Second year (Baccalauréat +6 years)**

Master of Science Thesis	60 ECTS
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### **LANGUAGE OF THE COURSES**

French

### **ADMISSION**

This training is designed for those wishing to specialize in agri-food economics in order to work in public administrations, food firms or professional organizations.

The required level for admission is an engineer's degree or any equivalent level giving access to post-graduate studies. Equivalencies can be considered for candidates having several years of professional experience.

Tuition fees amount to 3 527 € (excluding registration fees, travel and living expenses) for applicants who are not coming from a CIHEAM member country.

The selection of candidates is based on the evaluation of the application documents: <http://candidature.iamm.fr/>. The deadline for receiving applications by post is 31 March 2020.

### **DIPLOMAS**

Master 2

Master of Science of the CIHEAM

### **SCHOLARSHIPS**

It is possible for applicants coming from a CIHEAM member country to obtain scholarships covering living expenses and tuition fees.



### Unit 5 : International trade and marketing (January)

- Learn about the business management tools in its internationalization, whether through outbound investments or through exports.
- Better assess the risks and opportunities for expansion on international markets and make strategic decisions in SMEs or in large multinational companies.

### Unit 6: Business organization and human resources management (January-February)

- Analyze the interactions between the company and its socio-economic environment and know to decide which strategy must be used for the growth and sustainability of the company.
- Master the analysis tools to organize and manage the human resources of the company.

### Unit 7: Research methods in social sciences (applied to global value chains), documentary and bibliographic research (from September to February)

This unit aims at learning methodological knowledge to develop skills in the implementation of a rigorous research process and aims at preparing the writing of master's thesis.

It is organized as follows:

- Introductory course on research methods: different phases of research in social sciences (field observation, formulating the research question, how to develop a questionnaire, how to conduct surveys and interviews, quantitative and qualitative analysis of the results of field study).
- Workshops on conducting case studies based on the learned research tools and approaches.
- Theoretical contents illustrated by practical examples, working group tutorials for the management of tools, providing selective bibliography and webography of relevant sources.

### Unit 8: Foreign language - English (October-March)

- Oral and written expression adapted to an academic and / or a professional context.

### Individual professional training, presentation and defence of a M2 thesis (March-September)

Individual 4 to 6 months training within a firm or an institution of the agri-food sector. This internship ends up with the elaboration of a written report and its presentation, necessary to obtain the Master's diploma.

## MASTER OF SCIENCE (60 ECTS)

### Master of Science of CIHEAM thesis

Preparation and defence.

#### Scientific coordinator:

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