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 program 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.
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 Ma 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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