



Sharing Knowledge, Feeding the Future



CIHEAM Montpellier,  
International institute  
for higher education,  
research and cooperation



**CIHEAM  
MONTPELLIER**

## SYLLABUS

### MASTER 2 AND MASTER OF SCIENCE

ISO 9001 certified - An Erasmus accredited institution  
Applies the ECTS - Member of the AUF

2022/2023



## THE CIHEAM MONTPELLIER, 3 missions, constant adaptation and interactions

Considering the multiple and constantly evolving challenges in achieving food security and sustainable development of rural areas, the training provided by CIHEAM Montpellier must be regularly adapted to the changing contexts and issues that its graduates will have to deal with. Our Master 2 courses have therefore been completely revised for 2021. This adaptation is facilitated through a combined approach that links teaching to related research and cooperation development activities undertaken by our lecturer-researchers.

These research/training/cooperation development activities are integrated into the scientific environment of Montpellier, primarily within the MUSE I-site, but also within the framework of activities organised by Agropolis International and the Joint Research Units, of which our lecturer-researchers are members. The areas of expertise and action in which the CIHEAM Montpellier aims to make an original contribution focus on the following themes, in line with the CIHEAM's main priorities as defined in its strategic plan CAPMED 2025 :

- **Zero waste:** knowledge & skills, natural resources and food.
- **Sustainable agriculture and food systems:** designing resilient systems, closing cycles in value chains.
- **Attractive rural areas to live and work in:** resource management, adaptation to climate change, pollution control.
- **Risk prevention and resolution of tension:** inclusive economies, governance, food security.

Our activities favour socio-economic approaches and aim to contribute to the implementation of sustainable development objectives in the Mediterranean. Our activities, systematically conducted in partnership with institutions and socio-economic stakeholders across the Mediterranean, have long contributed to the construction and coordination of reliable networks. Our alumni, for most executives or future executives in the rural development and agri-food sectors from countries bordering the Mediterranean, both from public and private sectors, keep these networks and activities going strong long after their time spent in Montpellier!

Thierry Dupeuble, Director

1

### DEGREE COURSES



The Master's degree programmes are organised in accordance with the LMD system (Bachelor's, Master's, Doctorate). The institute has been accredited by France to deliver the national Master 2 degree. The programme has a highly professional focus, but also qualifies graduates for university doctoral programmes. International Master's programmes are also available, in particular with Lebanon. The programmes are organised in modules of two to four weeks, credited according to international standards (ECTS), which facilitates the granting of equivalences and student exchanges between the CIHEAM Montpellier, its Montpellier partners and the network of associated Mediterranean universities.

ses@iamm.fr  
Dean of Studies: Philippe Le Grusse

### DEGREES

#### Master's degree (M2) - (equivalent to Bac + 5)

This degree is awarded after one year's training (60 ECTS) in one of the programmes mentioned below and is aimed at candidates who have acquired a minimum of 240 ECTS (or a minimum level of four years of study after the Baccalaureate).

**Specialization "Territorial planning and local development"**, pathway "Climate change, agricultural and territorial management - CGAT". Master 2 co-accredited with the University Paul Valéry Montpellier 3

**Specialization "Management"**, pathway "Sustainable agri-food value chains: logistics, environment, strategies - CDVALES". Master 2 co-accredited with the University of Montpellier - MOMA (Montpellier Management) and the "Institut Agro" (Montpellier SupAgro)

**Specialization "Economics"**, pathway "Agricultural, environ-

mental development economics and food – ECODEVA". Master 2 co-accredited with the University of Montpellier and the "Institut Agro" (Montpellier SupAgro)

**Specialization "Economics"**, pathway "Mediterranean farming system design for a sustainable food-system – MIDAS". Master 2 co-accredited with the University of Montpellier and the "Institut Agro" (Montpellier SupAgro)

**Specialization "Economics"**, pathway "Territorial agricultural development, environment and modelling – DATEM". Master 2 co-accredited with the University of Montpellier and the "Institut Agro" (Montpellier SupAgro). Pathway organised for students coming from the Lebanese University (Faculty of Agronomy)

**CIHEAM's Master of Science degree (Msc.)**  
(equivalent to Bac +6)

This is a two years of studies degree (120 ECTS).

The Institute provides scholarships so as to enable more students to benefit from the support of residence and training costs.

### VOCATIONAL TRAINING

Relying on its experience in training, in co-operation and in networks coordination and in networks coordination between partner institutions in the Mediterranean area, the CIHEAM-IAMM offers training programmes adapted to the needs of both individuals and organizations through tailored training contents and flexible teaching methods. Each course unit constituting our Master programmes can be followed "à la carte". We also offer personalized itineraries, based on an analysis of the trainee's needs and professional requirements. Furthermore the Institute can also provide support in pedagogical engineering to training institutions by helping them draw out their educational engineering, as well as the design and implementation of their training curricula.

fpro@iamm.fr  
Continuous Professional Training's manager: Anne Cobacho



2

### NETWORK RESEARCH, DOCTORAL PLATFORM



In a context of climate change, degradation of natural resources, socio-economic uncertainty and increased risks for food security, the Mediterranean Laboratory in Economic and Social Sciences (LAMES) of the CIHEAM Montpellier conducts specialised and applied research centred on the three following themes: food, agriculture and sustainable rural development. It is involved in projects concerning the Northern, Southern and Eastern Mediterranean countries, with funding from Europe, the National Research Agency or bilateral and multilateral cooperation funds. Our doctoral students are involved in these projects as much as possible. The LAMES, which is integrated into the local research system via Mixed Research Units (UMR), within the Montpellier Agropolis International Campus, is also a cooperation instrument thanks to its close relations with European institutions in the South and East Mediterranean.

lames@iamm.fr  
LAMES Coordinator: Hatem Belhouchette

### DEVELOPMENT AND EXPERTISE

The CIHEAM Montpellier participates in national and international development programmes, particularly in the fields of rural development, food governance, management and development of territorial resources, value chains, organisation of stakeholders, reform and consolidation of agricultural and rural policies. The Institute also makes its expertise available to government bodies and national and international institutions working in these fields. In synergy with its network of partners, it has the capacity to mobilise a wide range of skills (institutional decision-makers, local authorities, professionals, teachers, researchers, civil society) to build proposals combining know-how and an international dimension.

coop@iamm.fr  
Head of Development: Jean-Paul Pellissier

3



### SUPPORT SERVICES

#### A LANGUAGE CENTRE

(CFLE-CIHEAM Montpellier, Campus France member)



Located on Agropolis International Campus with direct connection with universities and research institutes, our centre provides students, researchers or professionals with a wide range of training courses organized with different methods depending on the expressed needs: general or scientific French, written and oral communication, training contents and trainers, DELF and DALF preparations, english courses.

The CFLE is involved in the quality approach, which enabled it since 2008 to acquire the "FLE" quality label specific to its activity ("French as a Foreign Language" quality label), together with the ISO 9001 certificate. Each year, more than 400 trainees attend our courses. They can thus enjoy the benefits of a pedagogy oriented towards a dynamic of academic and socio-cultural integration, directly linked to the Agropolis International Campus partner.

For further details on our programmes and fees:  
[www.fle-montpellier.com](http://www.fle-montpellier.com)  
[cfle@iamm.fr](mailto:cfle@iamm.fr)



#### A UNIQUE DOCUMENTARY

COLLECTION ON THE MEDITERRANEAN



Located within the campus, the Documentation Centre welcomes the students in a convivial space and contributes to the updating and continuing development of their knowledge. Its collection is specialized on the Mediterranean region and mainly covers the subject areas developed in the training offer and the research activities: agriculture, food and sustainable rural development. The online catalogue allows a remote access to the electronic resources. The CIHEAM's collected editions are freely available in the catalogue as well. The documentalists provide trainings for the students to enable them to use documentary resources, to acquire a methodology for scientific information research and to achieve a scientific bibliography with a satisfactory level. The students benefit from a privileged work environment among the regional scientific community of Agropolis International.

[www.documentation.iamm.fr](http://www.documentation.iamm.fr)  
[docassistance@iamm.fr](mailto:docassistance@iamm.fr)  
Twitter : @Doc\_IAMM  
Scoop.it : CIHEAM News





# THE ADVANTAGES OF THE CIHEAM MONTPELLIER



## QUALITY PROCEDURES



The "**Bienvenue en France**" label, obtained in 2020, attests to our capacity to welcome international audiences - composing 95% of our students - particularly in terms of the accessibility of information, individual support and the quality of the welcome and accommodation.



Since 2008, our on-site training courses have been **ISO 9001** certified: M2 programmes, supervision of doctoral students, continuing professional education, as well as courses in French as a foreign language (FLE). All our support services, which contribute to the quality of our training, are also ISO 9001 certified.



The FLE centre has also been awarded the "**Qualité française langue étrangère**" quality label.



## QUALITY ACCOMMODATION

The Mediterranean campus is managed with a sustainable development approach: surrounded by woodlands covering more than 7 hectares, the residence was built according to HQE (High Environmental Quality) specifications. The Campus can accommodate around 100 students and is equipped to receive people with reduced mobility.

[ResaCampus@iamm.fr](mailto:ResaCampus@iamm.fr)  
+33 (0)4 67 04 60 79



## The CIHEAM Montpellier key figures

**20** ongoing projects  
with the collaboration of  
**17** countries

**5** MASTERS  
and Master of science

**1,000**  
students trained  
per year

more than  
**60**  
years of  
experience

more than  
**15** countries  
represented

Mediterranean park of  
**7** hectares

**95%**  
of whom  
are international  
students



CIHEAM  
MONTPELLIER

## CIHEAM Montpellier

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## MASTER PROGRAMME : TRAINING MAP

MASTER CGAT Climate change, agricultural and territorial management	MASTER CDVALES Sustainable agri-food value chains: logistics, environment, strategies	MASTER MIDAS Mediterranean farming system design for a sustainable food-system
<p><b>September</b> Prerequisites in French language, microeconomics and accounting Conferences: Introduction to the Mediterranean</p> <p><b>September - December</b> Integrated and sustainable development of territories: from stakeholders to tools</p> <p><b>September</b> From sustainable development to territorialised climate policies, territorial agricultural vulnerability and adaptive capacity</p> <p><b>October</b> Mediterranean agriculture in the context of climate change</p> <p><b>October - November</b> Cartographic analysis applied to a territory in the context of climate change</p> <p><b>November - December</b> Data analysis, accounting and evaluation of territorial resources applied to rural territories in a situation of adaptation</p> <p><b>January</b> Farm management</p> <p><b>January</b> Biophysical optimisation and simulation models</p> <p><b>January - February</b> Stakeholders and natural resource management</p> <p><b>October - March</b> Research workshop: problematics and methods</p> <p><b>October - March</b> English language course</p> <p><b>March</b> Internship project</p> <p><b>April - September</b> Individual internship in a professional situation, writing and defending of the M2 dissertation</p>	<p><b>September</b> Prerequisites Conferences: Introduction to the Mediterranean</p> <p><b>September - December</b> Stakes, challenges and stakeholders of the ecological transition and the circular economy</p> <p><b>October</b> Agri-food value chains and sustainability: concepts and methods</p> <p><b>November</b> Technical aspects of logistics, innovations, sustainability and cost management</p> <p><b>December</b> Regulations, social responsibility standards for logistics and the environment</p> <p><b>January</b> Distribution and supply chain management</p> <p><b>January - February</b> International trade and marketing</p> <p><b>March</b> Company organisation, human resources management and corporate social responsibility</p> <p><b>January - March</b> Research methods in social science</p> <p><b>October - March</b> English language course</p> <p><b>March</b> Internship project</p> <p><b>April - September</b> Individual internship in a professional situation, writing and defending of the M2 dissertation</p>	<p><b>September</b> Prerequisites and prospective analysis in relation to climate issues</p> <p><b>October</b> Transition of agricultural systems under socio-economic and environmental uncertainty</p> <p><b>November</b> Modeling of Mediterranean Cropping Systems</p> <p><b>December</b> Methods of data collection and analysis</p> <p><b>January - February</b> Modeling of Mediterranean Agricultural System</p> <p><b>February</b> Multi-agent analysis for designing resilient agricultural systems</p> <p><b>January - March</b> Research workshop: issues and methods</p> <p><b>October - March</b> Foreign language: French</p> <p><b>April - September</b> Internship and Master thesis</p>



## **MASTER ECODEVA**

### **Agricultural, environmental development economics and food**

#### **September - October**

Theoretical courses

- Economics and agricultural, food and rural policies
- Environment economics and policies
- Development economics and policies
- Circular economy and food systems

#### **October - November**

Methodological courses : each student has to choose 3 units

- Applied econometrics
- Modelling of the agricultural and environmental policies
- Qualitative and quantitative methods
- Topic in experimental and behavioral economics
- Implementation of a Choice Experiment approach

#### **October - November**

Theoretical courses

- New institutional economy
- Economic public calculation
- Economical sociology and anthropology
- Theoretical approaches in management sciences

#### **November - December**

Specialization courses : each student has to choose several units

- Consumers, food and sustainability
- Institutions and development
- Coordination in the firms and agri-food chains
- Information and environmental certifications
- Economics of biodiversity and natural resources

#### **February - March**

Research seminars

#### **February - March**

Tutorials as guidelines to research process

#### **April - September**

Research report and presentation







Specialisation "**Territorial planning and local development**",  
pathway of Master 2

## CLIMATE CHANGE, AGRICULTURAL AND TERRITORIAL MANAGEMENT - CGAT

Joint accreditation with Paul Valéry Montpellier 3 University (UPVM).  
This Master's degree offers the possibility to pursue doctoral studies

**MASTER OF SCIENCE**  
**CLIMATE CHANGE, AGRICULTURAL AND TERRITORIAL MANAGEMENT**

### OBJECTIVE

This postgraduate course is designed for holders of a university degree with at least four years of higher education (M1 or engineering degree) and with an initial training and/or professional experience in the field of agricultural and rural development (agronomy/agriculture, economics, geography, ecology).

The programme investigates the impacts of climate change on the management of rural territories, their agriculture and their resources. It investigates the functions of territorial agriculture and its adaptation to new constraints and standards within the context of global change.

The objective is to provide professional training in the development of new technologies for agriculture and analyse territorial adaptation policies and projects in agricultural and rural sectors. In practical terms, the training prepares graduates for jobs such as development manager for local authorities and chambers of agriculture, project and research manager for international organisations, and software designer for training in private enterprises. It enables students to master the new models and tools that structure territorial public action and farm management decisions.

The CIHEAM Montpellier training course helps economists, ecologists, geographers and agricultural engineers to learn to work together, by providing them with the common language required for teamwork. It offers both an apprenticeship in theoretical and practical tools and the acquisition of professional experience (individual and group courses), bringing trainees into contact with local actors and real-life situations so that they may be operational by the end of the course.

#### The course teaches:

- **Knowledge:** through the analysis of the technical and economic operating of a farm and the diagnosis of an agricultural territory within the context of climate change.
- **Know-how:** implementation of decision-support methods, forward analysis and strategic steering in individual and collective advisory approaches. Conducting surveys, map construction, landscape and spatial analysis, statistical analysis of data, analysis of territorial policies. Development of optimisation models for production choices at farm and regional level. Coupling of biophysical and economic models for decision-making support in the management of natural resources and diffuse pollution in agriculture.
- **Soft skills:** working in a multidisciplinary team, at the interface between technical and socio-economic aspects.

### MASTER 2 PROGRAMME (60 ECTS)

#### Prerequisites (September)

- Refresher training in economics: reminder of basic notions in micro-economics and management, accounting, macro-economics and statistics.
- Introduction to agronomy.

#### Module 1: Integrated and sustainable development of territories: from stakeholders to tools (September-December)

- The perspective of territorial and spatial planning and management.

### ORGANISATION

#### → Master 2 (Baccalaureat +5 years)

**Theoretical and practical modules** 34 ECTS

**Internship and dissertation** 26 ECTS

The training is organised by the CIHEAM Montpellier, in partnership with Paul Valéry University Montpellier.

An internship in a professional environment is mandatory from mid-March onwards. Depending on the availability of places, the modules can be taken as short courses.

#### → Master of Science (Baccalaureat +6 years)

**Master of Science thesis** 60 ECTS

### ADMISSION

Places are awarded on the basis of an application file reviewed by a commission composed of representatives of the co-accredited institutions. The training is open to economists, agronomists, geographers and ecologists who want to specialise in agricultural and territorial management in the face of climate change. The admission level is at least Baccalaureate +4 or a level allowing access to postgraduate studies. Prerequisites in economics are required.

Training fees amount to 3 527 € (excluding registration, travel and accommodation costs) for candidates who are not citizens from the CIHEAM member countries.

Candidates are selected on the basis of an application file: <http://candidature.iamm.fr>. The deadline for receipt of applications by post is **29<sup>th</sup> April 2022**.

### DEGREES

**Master 2** delivered by the CIHEAM Montpellier and UPVM

**Master of Science** from the CIHEAM

### SCHOLARSHIPS

Scholarships are available for candidates from CIHEAM member countries to cover subsistence and training costs





**Module 2:** From sustainable development to territorialised climate policies, territorial agricultural vulnerability and adaptive capacity (September)

- Climate, sustainability and renewal of public action at the territorial level.
- Mobilising the concepts of vulnerability, adaptation and adaptive capacity.
- Approaches and analyses of territories and agricultural households based on multiple assets.

**Module 3:** Mediterranean agriculture in the context of climate change (October)

- Sustainability of Mediterranean agriculture under climate change.
- Landscape analysis and production systems typologies: field trips in the Cévennes and in Camargue.
- Public agricultural and rural policies in the context of climate change.

**Module 4:** Cartographic analysis applied to a territory in the context of climate change (October - November)

- Introduction to geographic information systems and thematic cartography for the territorial diagnosis.
- Understanding a rural territory based on vulnerability and adaptive capacity approaches
- Learning rapid diagnostic methods applied to a rural area.

**Module 5:** Data analysis, accounting and evaluation of territorial resources applied to rural territories in a situation of adaptation (November-December)

- Data analysis in the agricultural sector.
- Territorial ecological accounting.
- Economic valuation of non-market assets.

**Module 6:** Farm management (January)

- Mastering the techniques of farm business management using digital technology. Agri-environmental measures and management of externalities.
- Drawing up a development plan for a farming business using a multi-periodic simulator
- Operational experience in the field with farmers and professional representatives.

**Module 7:** Biophysical optimisation and simulation models (January)

- Optimisation and decision support model for farms.
- Biophysical models and bio-economic modelling

**Module 8:** Stakeholders and natural resource management (January-February)

- The economics of the environment and natural resources, environmental policy instruments.
- IWRM (Integrated Water Resource Management): irrigation techniques and control of inputs, management of water supply and demand.
- Use of spatial simulation models for decision support.
- The transition from farm models to regional aggregated models
- Analysis of the interaction between individual and collective choices at the regional level.
- Simulation game for negotiating and evaluating collective choices in a small agricultural region

**Module 9:** Research workshop: problematics and methods (October - March)

- Research methodology: formulation of a problematic, conceptual framework and development of a working methodology.
- Training in documentary research.

**Module 10:** English language course (October - March)

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

**Internship project (March)**

Preparation of a research project to structure the different aspects of the individual internship: fieldwork and analysis.

**Individual internship in a professional situation, writing and defending of the M2 dissertation (April - September)**

This internship is carried out within the framework of development structures, consultancy firms, NGOs, etc. The internship continues on to the writing of a thesis and its presentation for the Master's degree.

**MASTER of science (60 ECTS)**

**CIHEAM Master of Science thesis**

Writing and presentation.

## COORDINATORS

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**Mélanie REQUIER-DESJARDINS:** (33) (0)4 67.04.31.88 - requier@iamm.fr

**Tristan BERCHOUX:** (33) (0)4 67.04.60.65 - berchoux@iamm.fr







Specialisation “**Management**”, pathway of Master 2

## SUSTAINABLE AGRI-FOOD VALUE CHAINS: LOGISTICS, ENVIRONMENT, STRATEGIES - CDVALES

Joint accreditation with the University of Montpellier – Montpellier Management (MOMA) and the “Institut Agro” (Montpellier SupAgro)

**MASTER OF SCIENCE**  
**SUSTAINABLE AGRI-FOOD VALUE CHAINS: LOGISTICS, ENVIRONMENT,  
STRATEGIES**

### OBJECTIVE

This programme is a postgraduate course designed for holders of a university degree with at least four years of higher education (M1 or engineering degree) and with initial training and/or professional experience in the field of agricultural and rural development (agronomy/agriculture, economics).

Within the current context of ecological, food and social transition, agri-food value chains, which form the food system, are evolving towards innovative and more sustainable economic models. The challenge for the actors of agro-food value chains is to reconcile economic, social and environmental performance.

Mobilising multidisciplinary approaches, this professional training programme targets the acquisition and command of theoretical concepts, analysis and sustainability evaluation methods, and their application to professional situations. These skills are developed with the aim of understanding and analysing: i) the changes in the socio-institutional environment, ii) stakeholder behaviours and strategies, iii) modes of stakeholder organisation and coordination from upstream to downstream, from production (agricultural, raw materials), processing and distribution to the end consumer, iv) the evaluation of performance and value creation v) and the role of logistics as a cross-cutting strategic function of supply chains. The objective is to train and specialise future executives and project managers in the management and coordination of value and supply chains, from farm to fork to support the ecological transition of agro-food chains.

#### The course teaches:

- **Knowledge:** analysing food systems and agri-food value chains; observing and analysing stakeholder environments; assessing the sustainability of agri-food sectors and supply chains; familiarity with the national and international regulations that form the socio-institutional framework for value chains, specialising in the management and coordination of supply chains.
- **Know-how:**
  - Drawing up a strategic diagnosis of a value chain
  - Ability to interface technical and socio-economic aspects
  - Develop a diagnosis and model logistics optimisation plans
  - Mobilise environmental and economic performance evaluation indicators for decision support
- **Soft skills:** working and communicating in a multidisciplinary and multicultural team, developing analytical rigour and a sense of responsibility, respecting scientific and ethical integrity.

### ORGANISATION

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

**Nine modules** **30 ECTS**

**Internship and dissertation** **30 ECTS**

The training is organised by the CIHEAM Montpellier, in partnership with the University of Montpellier – MOMA and the “Institut Agro”. An internship in a professional environment is mandatory from mid-March onwards. Depending on the availability of places, the modules can be taken as short courses.

→ **Master of Science (Baccalaureat +6 years)**

**Master of Science thesis** **60 ECTS**

### ADMISSION

Places are awarded on the basis of an application file reviewed by a commission composed of representatives of the co-accredited institutions. The course is open to economists, agronomists, geographers and ecologists who want to specialise in economics.

The admission level is at least Baccalaureat +4 or a level allowing access to postgraduate studies. Pre-requisites in economics are required.

Training fees amount to 3 527 € (excluding registration, travel and accommodation costs) for candidates who are not citizens from the CIHEAM member countries.

Candidates are selected on the basis of an application file: <http://candidature.iamm.fr>. The deadline for receipt of applications by post is **29<sup>th</sup> April 2022**.

### DEGREES

**Master 2** delivered by the CIHEAM Montpellier and the University of Montpellier

**Master of Science** from the CIHEAM

### SCHOLARSHIPS

Scholarships are available for candidates from CIHEAM member countries to cover subsistence and training costs

## MASTER 2 PROGRAMME (60 ECTS)

### Prerequisites (September)

#### Module 1: Stakes, challenges and stakeholders of the ecological transition and the circular economy (September-December)

- Principles and concepts of sustainable development
- The interest of a multidisciplinary approach to the ecological transition
- Methodological approaches and benefits of the circular economy

#### Module 2: Agri-food value chains and sustainability: concepts and methods (October)

- Coordination and management of agri-food value chains, and the transition towards environmental and social sustainability
- Methods of sector analysis and stakeholder strategies: theoretical contributions from industrial economics and circular economy

#### Module 3: Technical aspects of logistics, innovations, sustainability and cost management (November)

- Understanding the logistics function as a strategic function of the company
- Familiarisation with information systems and data processing methods
- Learning methods to analyse logistics costs and economic and environmental performance indicators

#### Module 4: Regulations, social responsibility standards for logistics and the environment (December)

- Learning about the conventions, contracts and standards governing international logistics
- Familiarisation with the regulatory frameworks relating to the energy and ecological transition, applied to logistics at different scales (territorial, urban, etc.).
- Understanding national and international regulations for social responsibility in favour of sustainable development, the circular economy and the fight against food wastage

#### Module 5: Distribution and supply chain management (January)

- Understanding the functioning of distribution channels, the role of stakeholders and coordination arrangements
- Understanding the challenges of digitalisation

- Learning supply methods for optimised and sustainable flow management
- Learning the basics of waste management in agri-food supply chains

#### Module 6: International trade and marketing (January-February)

- Learning the basics of marketing associated with creation of value for the company
- Understanding the stakes of a distribution policy and an international communication strategy
- Identifying the strategic behaviours of companies for products obtained by sustainable production processes
- Familiarisation with quality signs, standards and international sustainability certifications.

#### Module 7: Company organisation, human resources management and corporate social responsibility (March)

- Understanding the process, tools and main models for the strategic analysis of organisations
- Understanding the stakes of human resources management and corporate social responsibility
- Acquiring team management skills

#### Module 8: Research methods in social science (January-March)

- Formulation of a scientific approach
- Training in scientific documentary research

#### Module 9: English language course (October - March)

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

#### Internship project (March)

Preparation of a research project to structure the different aspects of the individual internship: fieldwork and analysis.

**Individual internship in a professional situation**, writing and defending of the M2 dissertation (April - September)

## MASTER of science (60 ECTS)

### CIHEAM Master of Science thesis

Writing and presentation.

### COORDINATORS

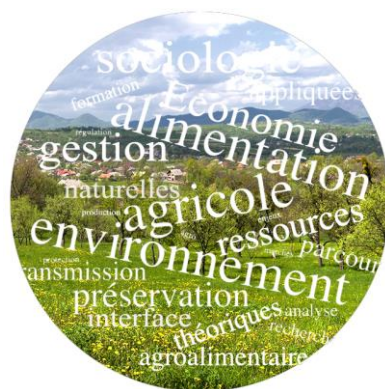
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Specialisation “**Economics**”, pathway of Master 2

## AGRICULTURAL, ENVIRONMENTAL DEVELOPMENT ECONOMICS AND FOOD - ECODEVA

co-accredited with the University of Montpellier (UM) and the “Institut Agro” (Montpellier Supagro).  
This Master offers the possibility to pursue a research career (PhD studies).

MASTER OF SCIENCE

**ECONOMICS AND MANAGEMENT OF THE AGRICULTURAL, FOOD AND RURAL  
DEVELOPMENT**

### OBJECTIVE

This educational programme is preparing students to positions needing autonomy, individual enterprise capacities and knowledge in economic sciences. Focused on the transmission of fundamental theoretical and methodological knowledge (quantitative and qualitative), it values the use of advanced modelling techniques in current economic analysis, and the approaches of institutional economy, management sciences and economics sociology. This training enables the students to acquire extensive know-how in the fields of agri-food and natural resources management thanks to the specialization units offered. Prerequisite courses are organized in September.

### MASTER 2 PROGRAMME (60 ECTS)

**The training begins with a session of common courses enabling students to acquire the general thematic knowledge and the necessary methodological and theoretical bases before starting the more operational courses provided in the optional courses. It ends with seminars and the redaction and presentation of a research report.**

#### COURSE UNIT 1 - Theoretical courses

##### Unit 1: Economics and agricultural, food and rural policies

Objective: to make a synthesis of the main economics aspects of the agricultural and agri-food area and its management by the public policies.

##### Unit 2: Environment economics and policies

Objective: to enable students to get the basis of economic analysis of environmental and of natural resources management issues.

##### Unit 3: Development economics and policies

Objective: to develop the theories of economic development in the framework of agri-food and rural development. This course draws a parallel between contemporary problematics and theories.

##### Unit 4: Circular economy and food systems

Objective: to provide the theoretical foundations, the concepts and necessary methods to the understanding and analysis of the food system and its dynamic, in France and in the world.

### ORGANISATION

#### → Master 2 (Baccalaureat +5 years)

**Fifteen units** 45 ECTS

**Internship and report** 15 ECTS

This training programme is organized in partnership between the CIHEAM Montpellier, the UM and the “Institut Agro”.

#### → Master of Science (Baccalaureat +6 years)

**Master of Science thesis** 60 ECTS

### ADMISSION

Places are awarded on the basis of an application file reviewed by a commission composed of representatives of the co-accredited institutions. This course is open to economists or agronomists wishing to specialise in agricultural, environmental development economics and food.

The admission level is at least Baccalaureat +4 or a level allowing access to postgraduate studies. Prerequisites in economics are required.

Training fees amount to 3 527 € (excluding registration, travel and accommodation costs) for candidates who are not citizens from the CIHEAM member countries.

Candidates are selected on the basis of an application file: <http://candidature.iamm.fr>. The deadline for receipt of applications by post is **29<sup>th</sup> April 2022**.

### DEGREES

**Master 2** delivered by the CIHEAM Montpellier, the UM and the “Institut Agro”.

**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.



## **COURSE UNIT 2 - Methodological courses : each student has to choose 3 units**

### **Unit 1: Applied econometrics**

Objective: to introduce students to a stochastic approach of complex phenomenon and to the use and processing of real data. More particularly, the course aims at leading students to carry out, by themselves, an empirical economic work through an individual project.

### **Unit 2: Modelling of the agricultural and environmental policies**

Objective: to master the mathematical programming techniques and know how to use them to develop optimization models.

### **Unit 3: Qualitative and quantitative methods**

Objective: to provide elements to economists who want to integrate a qualitative dimension in their future research work, through debates on field study matters.

### **Unit 4: Topic in experimental and behavioral economics**

Objective: to study the main themes of experimental economics focussing on social interactions. This course analyses the behaviour of economic agents.

### **Unit 5: Implementation of a Choice Experiment approach**

Objective: to present the Discrete Choice Experiment (DCE) methods, which have developed considerably in recent years, for the valuation of non-market benefits and costs. Notably, they help to reveal individual preferences and figure among the methods used to evaluate projects and public policies by determining the willingness to pay.

## **COURSE UNIT 3 - Theoretical courses**

### **Unit 1: New institutional economy**

Objective: to study the various trends of institutional economy (the "New institutional economy", the "Property Rights Theories", etc.), and to link them to the various objectives, research positions, hypothesis and methods used in the analysis of institutions.

### **Unit 2: Economic public calculation**

Objective: to provide to students the basis of public policies and some notions on the "theory of incentives".

### **Unit 3: Economical sociology and anthropology**

Objective: to present the origins and construction elements of the political economy, from both a scientific and a political point of view. This course also studies the main evolutions in the European and Anglo Saxon bodies, in the framework of the "great sharing" between economy and sociology, and provides some examples of debates, especially the one of the "New economic sociology".

### **Unit 4: Theoretical approaches in management sciences**

Objective: to introduce to students the theoretical approaches in management sciences with an overview of different fields of management. A specific focus is placed on organisational theory, strategy and consumer theories, linking them with subsequent courses (entrepreneurship, etc.).

## **COURSE UNIT 4 - Specialization courses: each student has to choose several units**

### **Unit 1: Consumers, food and sustainability**

Objective: to update knowledge on the debates about the sustainability of food systems, more specifically the questions of the contribution to the environment management and the social equity through a responsible consumption.

### **Unit 2: Institutions and development**

Objective: to present some of the important applications to the agricultural and agri-food sectors, to provide courses of institutional economy.

### **Unit 3: Coordination in the firms and agri-food chains**

Objective: to address coordination issues through the analysis of different cases that often raise questions about the food system sustainability (collective short supply chains, cooperatives, consumer participation in large-scale distribution, corporate social responsibility, etc.).

### **Unit 4: Information and environmental certifications**

Objective: to understand the economic behaviour of companies and consumers relative to environmental issues and in particular differentiation strategies within the scope of "green" products. To understand that the policy measures can be implemented by a regulator (state, government, administration). As environmental certification plays a key role in providing consumers with information on environmental quality, there is a particular focus on the interaction between market prices and certification in the transmission of information.

### **Unit 5: Economics of biodiversity and natural resources**

Objective: introduction to the economic analysis of the management of exhaustible natural resources (fossil fuels) and renewable resources (fisheries resources, forests).

## **COURSE UNIT 5 - Research seminars**

The students must choose 2 seminars out of the 4 that are proposed. These seminars deal with subjects related to researches from 3 teams involved in the Master (Mixed Research Units : MOISA, CEEM, Innovation) and can be oriented and developed to meet students specific needs for the preparation of their research master thesis.

### **Tutorials as guidelines to research process**

Objective: to prepare the students to the work that needs to be done during their research thesis. This class will enable each student to familiarize with the basic techniques related to a research work.

### **Research report and presentation**

The research report is the result of the student's personal work. Each student is supervised by a professor or a researcher involved in this Master. The main objective is to indicate the feasibility of a thesis project, insisting on the methods and tools of the selected discipline or disciplines. This work will be presented in front of a jury composed of the various disciplines part of the Master.

## **MASTER of science (60 ECTS)**

### **Master of Science of CIHEAM thesis**

Preparation and defence.

**CIHEAM Montpellier Scientific Coordinator**

**Myriam KESSARI** : (33) (0)4 67.04.60.36 - kessari@iamm.fr







## Specialisation “Economics”

# MASTER'S PROGRAMME (Master 2 – Baccalaureat +5 years) MEDITERRANEAN FARMING SYSTEM DESIGN FOR A SUSTAINABLE FOOD-SYSTEM - MIDAS

Co-accredited with the University of Montpellier (UM) and the “Institut Agro” (Montpellier SupAgro). The programme is in partnership with the Universidad Politécnica de Madrid (UPM), University of Thessaly (UTH), ICARDA, Faculty of Agriculture – Cairo University (CU), and Faculty of Agronomy – Lebanese University.

## OBJECTIVE

This master's programme focuses on students holding a university diploma corresponding to a minimum level of 240 ECTS and a background on agronomy, economics, or geography.

This Master's programme by the CIHEAM Montpellier focuses on the plot-farm-territory nexus in relation to socio-technical territorial dynamics, in a context of climatic uncertainty, socio-economic changes and natural resources' degradation. It has a strong international focus, and the language of study and assessment will be English. This one-year-study Master's programme is composed of 8 complementary modules and aims to address 3 major issues in relation with:

- Agricultural systems diversification and food security issues;
- Integrated assessment approach for designing innovative farming systems;
- Co-designing adaptation strategies to promote resilient and sustainable farming systems.

The CIHEAM Montpellier team is in collaboration with visiting professors/lecturers from the following international institutes for the elaboration of different modules and other aspects of the programme:

- Universidad Politécnica de Madrid (UPM),
- International Center for Agricultural Research in the Dry Areas (ICARDA),
- Faculty of Agronomy – Lebanese University,
- Maison de la télédétection – Montpellier,
- Leibniz Centre for Agricultural Landscape Research (ZALF),
- University of Milan (UM),
- University of Thessaly (UTH),
- Faculty of Agriculture – Cairo University (CU),
- University of Montpellier (UM),
- School of Environmental Engineering – Technical University of Crete,
- Banque de France.

**This master's programme will provide the students with the necessary:**

- **knowledge** to identify the main socio-economic and environmental issues of Mediterranean rural territories,
- **know-how** for designing technical, economic and environmentally viable agricultural production systems by using conceptual, agronomic, and economic models and scenario simulations,
- **skills** to be able to work in multidisciplinary teams and to facilitate the interface between technical and socio-economic aspects.

## STRUCTURE

### → MASTER'S PROGRAMME (Master 2 – Baccalaureat +5 years)

**Eight modules** **45 ECTS**

**Internship and Master Thesis** **15 ECTS**

This training program is organized by the CIHEAM Montpellier.

This Master's programme offers the opportunity to

- continue to the Master of Science of the CIHEAM (Baccalaureat +6 years)
- pursue PhD studies and a research career.

## LANGUAGE OF THE COURSES

English

## APPLICATION & ADMISSION

The required academic level for admission is a minimum of 4 years of higher education (corresponding to 240 ECTS) in a university or a cycle of engineering in agronomy, economics or geography.

Applicants coming from a CIHEAM member country\* are excluded from tuition fees (3 527 €) and are subject only to inscription costs (243 €).

## DIPLOMAS

**Master's programme** delivered by the CIHEAM Montpellier in co-accreditation with the University of Montpellier (UM) and the “Institut Agro” (Montpellier SupAgro)

**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.

*\*CIHEAM member countries: Albania, Algeria, Egypt, France, Greece, Italy, Lebanon, Malta, Morocco, Portugal, Spain, Tunisia and Turkey.*

## MASTER 2 PROGRAMME (60 ECTS)

### Module 1: Prerequisites and prospective analysis in relation to climate change issues (September)

- Upgrade in economics (fundamentals in microeconomics and environmental economics),
- Upgrade in systems approach in agriculture,
- Prospective analysis in relation to climate change issues at a regional scale.

### Module 2: Transition of agricultural systems under socio-economic and environmental uncertainty (October)

- Analyze the structure and assess the performance of the dominant production systems in the Mediterranean,
- Map agricultural systems and their impact on the environment,
- Conceptualize and represent complex agricultural systems,
- Prospective analysis in relation to climate change issues at a global scale.

### Module 3: Modeling of Mediterranean Cropping Systems (November)

- Integration in the modeling approaches of agrosystems under high water stress,
- Master the use of mechanistic and dynamic cropping systems models,
- Master the development and testing of a water balance models.

### Module 4: Methods of data collection and analysis (December)

- Establishment of the appropriate framework for data collection and analysis,
- Integration in questionnaires' design, data collection methods, sampling design, dealing with data quality, making estimates and combining data from different sources,
- Training of data analysis in different environments.

### Module 5: Modeling of Mediterranean Agricultural Systems (January - February)

- Integration in the basic concepts of Environmental Economics and into the role of mathematical programming models as a tool for decision making,

- Integration in the different Mediterranean agricultural systems by taking into account a significant amount of technical, agronomic and economic data,
- Learn the development of bio-economic models by using GAMS language,
- Design and implement scenario simulations in different socio-economic and environmental contexts,
- Analyze the resilience of Mediterranean agricultural systems through multi-criteria and multi-scale analysis.

### Module 6: Multi-agent analysis for designing resilient agricultural systems (February)

- Model sustainable food systems: from production to nutrition,
- Regional modeling and resilience analysis,
- Integration to companion modeling and multi-agent systems for the assessment of agricultural territories.

### Module 7: Research workshop: issues and methods (January - March)

- Analysis of a scientific article,
- Scientific construction of a research project,
- Selection of internship's host institution (e.g. University, company, cooperative etc.),
- Preparation of the internship's project.

### Module 8: Foreign language - French (October - March)

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

### Internship and Master thesis (April - September)

- Elaboration of internship,
- Reduction of Master Thesis,
- Defence of Master Thesis

## MASTER of science (60 ECTS)

### Master of Science of CIHEAM thesis

- Preparation and defence

### Scientific coordinators:

**Hatem BELHOUCETTE:** (33) (0)4 67.04.39.96 - belhouchette@iamm.fr

**Georgios KLEFTODIMOS:** (33) (0)4 67.04.60.20 - kleftodimos@iamm.fr



CIHEAM  
MONTPELLIER





## Continuous Professional Training in the Mediterranean

A permanent offer - some specialized themes



For a life-long update of professional knowledge

### OBJECTIVE

The CIHEAM Montpellier is a continuous professional training operator for young researchers and executives in agriculture, food industry and rural sustainable development in the Mediterranean. Drawing on its extensive experience in terms of education, cooperation and promotion of partnership network in the Mediterranean, the institute offers training courses adapted to the needs of both individuals and organizations, with tailored course contents and flexible educational methods.

### OUR ASSETS

#### MEET THE EVOLUTION OF THE INTERNATIONAL CONTEXT

Our training programmes focus on themes related to the current challenges faced by the Mediterranean basin, such as:

- Food security for populations and the development of sustainable farming systems
- The evolution of rural societies facing economic and climate change
- Pressure on natural resources and climate change
- Progress in communication and training techniques

#### MEET THE PARTICIPANTS' NEW EXPECTATIONS

Our training courses are based on a dynamic pedagogy that includes:

- Exchanges with professionals
- Fresh contents
- Specialized speakers
- Various dissemination methods
- Active educational methods

### OUR PERMANENT OFFER

Our training courses address four specialized topics:

- Modeling and decision-making tools in agriculture and environment
- Territories economy and spatial planning
- Quality in higher education
- Communication tools for the promotion of research works

#### MODELLING AND MATHEMATICAL PROGRAMMING TO SUPPORT DECISION-MAKING

This course provides modelling tools which enable a preliminary assessment of the impacts of agricultural, environmental and sustainable development policies on the functioning, the sustainability and the multifunctionality of agriculture.

It is based on a bio-economic modelling approach, combining agronomic and bio-economic models, and sustainability indicators.

This modelling can be used as a negotiation support for the choice of the production, to better meet the concerns of the different actors of a basin side or an irrigated perimeter.

**Contact and information :** [belhouchette@iamm.fr](mailto:belhouchette@iamm.fr)  
+ 33 (0)4.67.04.39.96

### ORGANIZATION

Three types of course are offered:

#### → Trainings based on special themes:

These specialized courses can be organized upon request, depending on the needs of our partners.

**Average duration of a specialized course:** from 3 to 5 days.

#### → A la carte modules

The Master programmes modules can be followed individually.

**Duration of a module:** 1 week to 1 month.

#### → Off-site short training courses:

The CIHEAM Montpellier adapts its services to meet the needs of its partners and organizes off-site training sessions.

**Average duration of an off-site session:** from 3 to 5 days.

### ELIGIBILITY/FEES/PAYMENT

The eligibility depends on the options selected by the candidate.

You will find all the information regarding the dates of the training sessions, the detailed content of the courses and the payment terms on our website:

[www.iamm.ciheam.org/fr/education/fpc](http://www.iamm.ciheam.org/fr/education/fpc)

### CONTINUOUS PROFESSIONAL TRAINING'S MANAGER:

Anne COBACHO

(33) (0)4 67.04.60.11

[cobacho@iamm.fr](mailto:cobacho@iamm.fr)

## **OLYMPE : A DATABASE AND A DECISION-MAKING TOOL IN AGRICULTURE**

The objective of this crash course on the Olympe database is the mastering of this modeling tool for agricultural holdings through the construction of a technicoeconomic model, allowing a multi-annual analysis of farmers' strategies. This tool enables the user to measure the impact of a technical decision-making and the importance of the economic risk. It also brings a prospective vision on the choice of future production systems.

**Contact and information :** [legrusse@iamm.fr](mailto:legrusse@iamm.fr)  
**+ 33 (0)4 67.04.60.23**

## **TERRITORIAL PROJECTS: DIAGNOSIS, SET UP AND ASSESSMENT**

The objective of these courses is to offer theoretical models and practical reference tools for the conception and the application of territorial development projects. Three distinct, complementary and adaptable modules are offered:

- Territorial diagnosis: a prerequisite necessary to the design of any development project, this course provides an analytical framework for the conception and design of the socio-economic diagnosis of a territory.
- Territories projects setting up or development: enables to learn how to use and implement the project development approaches recognized by the main international donors (logical framework, technical and institutional dimensions, etc.).
- Territorial development projects and policies appraisal: this course provides methodological tools to design and implement the assessment of a project or a territorial policy.

**Contact and information :** [requier@iamm.fr](mailto:requier@iamm.fr)  
**+ 33 (0)4 67.04.31.88**

## **QUALITY IN HIGHER EDUCATION AND TRAINING**

Quality management is more and more considered as one of the main elements in the management of training and higher education organizations. This training-action will enable you to learn while building the first elements of your quality management system. It is aimed at:

- Understanding the interest and the major principles of a quality approach (type ISO 9001)
- Identifying and describing the area on which the quality approach will be in place (its processes, its « actors »...)
- Evaluating the risks inherent to the activity
- Conceiving and planning the implementation and/or the followup of quality management system

**Contact and information :** [luye@iamm.fr](mailto:luye@iamm.fr)  
**+ 33 (0)4 67.04.04.60.52**

## **SOME EXAMPLES OF DELOCALIZED SHORT-DURATION AND A LA CARTE COURSES**

### **PHYTOSANITARY PRACTICES MANAGEMENT FROM THE PLOT TO THE TERRITORY: SIMPHY, A SIMULATION GAME FOR DECISION-MAKING**

This tool simulates health and environmental risks related to practices changes on a territory through a real-life situation. It enables a direct dialogue between the participants and the concertation process learning.

It is recognized by the French Commissioner-General for Sustainable Development as an innovative tool for the actors involvement in the processes of assessment and design of phytosanitary risks management measures.

**Contact and information :** [legrusse@iamm.fr](mailto:legrusse@iamm.fr)  
**+ 33 (0)4 67.04.60.23**

### **ANALYSIS OF THE AGRICULTURAL AND AGRIFOOD SECTORS AND VALUE CHAINS: METHODS AND APPLICATIONS**

The objective of this course is to provide tools for the understanding and analysis of a sector functioning in order to:

- Understand the interdependence mechanisms, the power relations, the conflicts and the issues which characterize the economic agents of a sector, as well as the creation of value along the supply chain.
- Be able to develop sectors strategies and policies based on integrated view.
- Identify the relations, complementarities and antagonisms between the chains, the territorial and the sectorial approaches.
- Raise the actors awareness of the interest of the chain approach for an inclusive territorial development.

**Contact and information :** [cobacho@iamm.fr](mailto:cobacho@iamm.fr)  
**+ 33 (0)4 67.04.60.11**

### **INTEGRATION OF CLIMATE CHANGE (CC) AND ENVIRONMENTAL ISSUES IN THE DESIGN, ELABORATION AND ASSESSMENT OF SUSTAINABLE RURAL DEVELOPMENT PROJECTS (IN COLLABORATION WITH UNIDO and ADA MOROCCO)**

This tailor-made training was intended for executives of the Moroccan Ministry of Agriculture with the following objectives:

- To understand CC concepts, characteristics and impacts on the agricultural sector and on productive systems,
- To identify existing public policy responses and tools to mitigate the CC impacts and promote environmentally friendly approaches,
- To identify operational tools to improve the efficiency of input management and build action plans that include CC into agricultural and rural development projects and efficiency,
- To understand local production valuation tools and approaches environmentally friendly to consumers.

**Contact and information :** [cobacho@iamm.fr](mailto:cobacho@iamm.fr)  
**+ 33 (0)4 67.04.60.11**







# French Language Centre



« French Language Quality » quality label  
ISO 9001 certified



## OBJECTIVE

The objective is to develop a sufficient knowledge of French language, to foster a good socio-cultural and professional integration and/or to undertake a university training in France.

## PROGRAMME

Created in 1979, the French Language Centre (CFLE) of the International Centre for Advanced Mediterranean Agronomic Studies (CIHEAM) provides the following training sessions:

### SUMMER COURSE

(8 – 15 students)

This course consists of 20 hours of lessons per week and may last from 2 to 10 weeks, from July to September.

→ General French : oral and written communication, civilization

Fees: 2 weeks = 470 € / 4 weeks = 850 €

6 weeks = 1 180 € / 8 weeks = 1 490 €

10 weeks = 1 700 €

### INTENSIVE GROUP INSTRUCTION

(4 – 15 students) October-June

→ 15h / week

Fees: 14 weeks = 1 690 € / 28 weeks = 3 250 €

→ 9h / week

Fees: 14 weeks = 1 260 € / 28 weeks = 2 410 €

### TRAINING COURSE ON COMMUNICATION AND WRITTEN EXPRESSION

This training course deals with the organization of written speech : grammar and spelling difficulties, academic writing, oral presentation of an academic work.

2 sessions of 20 hours in the year (2 hours a week):

→ Session 1 : October-December

Fees: 170 € / 20 h

→ Session 2 : January-April

Fees: 230 € / 28 h

### INDIVIDUALIZED INSTRUCTION

According to this formula, courses duration and contents are determined after an assessment of the student's needs.

Packs 4h = 145 € / 10h = 360 € / 15h = 510 € / 20h = 620 €

### PREPARATION FOR DELF OR DALF EXAM

(group of 6 students minimum)

This course consists of 20 hours of lessons per week and may be of 2 weeks to 10 weeks duration.

Fees: 250 € / week

### NIGHT GROUP INSTRUCTION

3 sessions: 2h, 4h or 6h a week

Schedule: 5.30 pm to 7.30 pm

→ Sessions: October-December / January-March / April-June

Fees: 130 € / 20 h (student fare)

### SCIENTIFIC FRENCH

General and scientific French (life sciences, agronomy), courses providing the level required for communication within the academic environment.

Fees: 260 € / week – discounts from 4 weeks on

### TRAINING OF TRAINERS

Duration: 2 weeks – 20h per week

Fees: 590 € / 2 weeks, for groups of 3 students minimum

## ADMISSION

**Age:** 18 minimum

**Enrolment fees:** included in our prices except for the scientific French

Proof of financial resources and a certificate of individual health and hospital insurance coverage are to be provided

## CERTIFICATION

Each training leads to the establishment of a training certificate specifying the level achieved

## CONTACT

Yamina DJENKAL-BENDAHMANE

(33) (0)4 67.04.60.02 or 60.26

[cfle@iamm.fr](mailto:cfle@iamm.fr)

[www.fle-montpellier.com](http://www.fle-montpellier.com)

NOTE: Requests for courses are carefully examined and arrangements are made to tailor instruction to students' needs ; they are likely to entail a modification of fees as they depend on the number of hours requested and the number of students.



CIHEAM  
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Sharing Knowledge, Feeding the Future

CIHEAM Montpellier, 3191 Route de Mende, CS 43999, 34093 Montpellier Cedex 5, France  
Tél. : (33) 04 67 04 60 00 - Fax : (33) 04 67 54 25 27



# Support to Mediterranean doctoral studies



NETWORK RESEARCH, DOCTORAL PLATFORM

## OBJECTIVE

The CIHEAM Montpellier has always been known for its tradition of welcoming doctoral students as well as teachers and associated researchers for a short scientific stay, or on sabbatical leave, or even within the framework of research or cooperation programmes.

## THE CIHEAM MONTPELLIER, WELCOMING DOCTORAL STUDENTS

Doctoral students admitted in the **Mediterranean Laboratory in Economics and Social sciences (LAMES)** at the CIHEAM Montpellier are inserted into the Institute's research teams. Thus, they benefit from a scientific support from the CIHEAM Montpellier teachers as well as the Institute's available facilities (offices, class rooms, Documentation Centre, occasional financial support).

Doctoral stays may be of short or medium duration depending on the supervision and fieldwork required for the thesis. The length that doctoral students may stay at CIHEAM Montpellier will also depend on where they are registered for their thesis:

### → A student registered at a university in a partner country

whose doctoral work is integrated into a collaborative project with the CIHEAM Montpellier, can be received for several short stays occurring during his thesis preparation.

### → A student registered at a French university

having as thesis supervisor or co-supervisor a teacher-researcher at the CIHEAM Montpellier, can be admitted during the whole period of his thesis preparation.

A privileged collaboration is maintained with several French universities, mainly with the jointly supervised Institut Agro – University of Montpellier doctoral training programme "Economy and management of farm, agri-food and rural development" as well as the University Paul Valéry Montpellier 3 doctoral training programme.

On average, the CIHEAM Montpellier yearly receives about 30 to 50 doctoral students for short, average or long stays.

### COORDINATOR

Hatem BELHOUCHE

(33) (0)4 67.04.39.96 - [belhouchette@iamm.fr](mailto:belhouchette@iamm.fr)

### CONTACT

Isabelle FERRIER

(33) (0)4 67.04.60.45 - [lames@iamm.fr](mailto:lames@iamm.fr)

## ADMISSION

Doctoral projects admitted by the research unit must be related to one of the thematic axes structuring the Institute's scientific and teaching activities:

- Mediterranean agricultures
- Sustainable food
- Public choices
- Agri-food chains
- Rural territories

Short-stay doctoral applicants are admitted on the proposal of their CIHEAM Montpellier referent teacher-researcher. The doctoral programme must also lie within the scope of institutional relations entertained with the research and training centers of the Mediterranean basin.

For long-stay doctoral applicants, an application must be submitted to the LAMES; the CIHEAM Montpellier doctoral committee makes decisions on admission.

Applications to doctoral programmes are to be sent directly to doctoral schools concerned.

## RESEARCH ALLOWANCES

For long-stay applications, once the selection is made by the CIHEAM Montpellier doctoral committee, the LAMES decides on allocation of research allowances. These research allowances may be given for the whole period of doctoral studies. Some one-time allowance may also be given for short stays or for the starting of a thesis work.

## DIPLOMA

Doctoral diplomas are proper to the universities awarding them, the Institute is only acting as a welcoming laboratory.



**CIHEAM  
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Tél. : (33) 04 67 04 60 00 - Fax : (33) 04 67 54 25 27





## ① Admission level and procedures

The required level for admission is 4 years of studies minimum after the French *Baccalauréat* (BAC+4) (equivalent to 240 ECTS) in the fields of economy, social sciences or agronomy. Professional experience is considered.

Admission is decided on the basis of the applicant's academic record and personal data (except for particular cases). A selection committee composed of CIHEAM Montpellier teachers-researchers examines the applications, suggests a ranking based on the application documents (grades, curriculum, acquired skills, etc). Applicants satisfying the academic requirements will be notified of their possible admission depending on the number of places available. In the case of an applicant's rescission, another applicant will be chosen from a waiting list. Enrolment by correspondence is not allowed.

## ② Intensive French training course

An intensive training session in French language is organized during the summer (from mid-July) to improve the non-French-speaking students' level with also the possibility for the students coming from CIHEAM member countries to benefit from a scholarship during the training period.

## ③ Enrolment procedures

In order to comply with enrolment requirements, applicants must:

- pay the CVEC (Contribution to Student Life and Campus) on the website <https://cvec.etudiant.gouv.fr>,
- come register to the SES (Education and Training Service) with a copy of the passport and visa, and the CVEC payment certificate,
- subscribe to health insurance and liability insurance (the SES will guide you through these formalities),
- pay the annual enrolment fees (243 €).

Once the SES receives the applicant's completed enrolment form and fees, the applicant is delivered a certificate of school attendance and a student card allowing access to the Institute's Documentation Centre and to computer facilities.

## ④ Documents delivered

At the end of the course, the CIHEAM Montpellier automatically and gratuitously delivers to each student a transcript of records including details of the modules taught, the number of corresponding credits and the grades obtained, and with the collaboration of the partner institutions:

- a success certificate,
- a "Diploma Supplement",
- a diploma mentioning the qualification and specialization achieved.

## ⑤ Registration fees and school fees

Registration fees: 243 € (for the whole school year).

School fees: 3 527 € (excluding insurances, living expenses, return ticket to the trainee's country) for applicants who are not coming from a CIHEAM member country. For further information, please contact the SES office.

## ⑥ Scholarships

The CIHEAM Montpellier grants scholarships to the candidates coming from the CIHEAM member countries, depending on the quality of their files. The scholarships bear the training costs and the residence costs (accommodation in the CIHEAM campus, lunches and insurance). CIHEAM member countries are the following: Albania, Algeria, Egypt, Spain, France, Greece, Italy, Lebanon, Malta, Morocco, Portugal, Tunisia, Turkey.

If you do not come from one of CIHEAM member countries, information on scholarships should be available from your own government's ministry of Education, from the cultural adviser of the French Embassy in your own country, or from other national or international organizations.



## THE APPLICATION FORM

### How to fill it in?

It is compulsory to complete your application form online: <http://candidature.iamm.fr>

Once you have entered and validated your data online, you will access to the printable paper version of your application form.

Only the final paper version (that you must return by post) will be accepted. To be assessed, your paper application form must reach the *Service de l'Enseignement et de la Scolarité (SES)* department of the CIHEAM Montpellier before the **deadline: 29<sup>th</sup> April 2022**.

It has to include:

- » Printed and signed application form
- » Cover letter detailing your professional project and explaining the reasons why you want to attend this Master of Science programme at the CIHEAM Montpellier
- » Curriculum Vitae
- » Certified copy of the highest university diploma obtained. The diploma has to be produced along with a translated copy into French or English if it is edited in a different language. In case you obtain your diploma at the end of the academic year, please provide details of the courses attended up to that point as well as a certificate from your university managing director specifying the date your diploma is likely to be delivered.
- » Certified copies of the transcript of records obtained during your university years, along with their translated copies into French or English if they are edited in a different language.
- » For foreign applicants: a French proficiency certificate  
Mandatory for non French-speaking applicants - Highly recommended for French-speaking applicants
- » If you are currently a civil servant of your government: Hierarchical authorization
- » Birth certificate in French
- » 4 id photos that must be individually cut out (write your first name and surname on the back)

### Applications are to be addressed to:

#### CIHEAM Montpellier

Service Enseignement et Scolarité (SES)  
3191, route de Mende - CS 43999  
34093 MONTPELLIER Cedex 5 (France)

### Admission notifications:

Admission letters will be sent in June 2022.

## Application form

To be sent at the following address:

CIHEAM Montpellier - Service Enseignement et Scolarité (SES)  
3191, route de Mende - 34093 MONTPELLIER Cedex 5 (France)

Priority given to online applications: <http://candidature.iamm.fr>

Please only fill in this paper form if you have serious internet connexion difficulties.

## APPLICATION FOR THE ACADEMIC YEAR 2022/2023

### PERSONAL INFORMATION

Name: ..... First name: .....

*The spelling of the surname and first name must be identical to that of your passport*

Date of birth: ..... Nationality: .....

Country of birth: ..... City of birth: .....

Gender <sup>(1)</sup> : ☐ male ☐ female

Postal address: .....

*The postal address must be accurate in order to ensure the admission letter receipt in case of admission.*

Phone number: ..... E mail: .....

### MASTER 2 PROGRAMMES (choose only one training programme)

- ☐ *Climate change, agricultural and territorial management - CGAT*
- ☐ *Sustainable agri-food value chains: logistics, environment, strategies - CDVALES*
- ☐ *Agricultural, environmental development economics and food - ECODEVA*
- ☐ *Mediterranean farming system design for a sustainable food-system - MIDAS*

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(1) Tick the box.





PROFESSIONAL BACKGROUND

(if you have one and if you think it is relevant to mention it considering the training that you are demanding)

How long have you been working ? ..... years

Precise your job title during your last professional experience:

Precise the name of the institution in which you get this experience (name of the institution/country):

Name and address of your last employer with phone or e mail:

REFEREES

Give the name of two people, from your university or professional environment, who could provide a referee letter (please enclose the letters to the application form. Referee letters must be original documents inserted in stamped envelopes).

o 1<sup>st</sup> referee

Job title, Name, First name: .....

Professional address: .....

Phone number: ..... E mail: .....

Link with the candidate: .....

Link with CIHEAM Montpellier (if applicable): .....

o 2<sup>nd</sup> referee

Job title, Name, First name: .....

Professional address: .....

Phone number: ..... E mail: .....

Link with the candidate: .....

Link with CIHEAM Montpellier (if applicable): .....

FRENCH LINGUISTIC SKILLS

Is French your working language ? ☐ yes ☐ no

Diplomas or certificates obtained in French Language:

Enclose the certificate or diploma obtained in French language which should indicate the French level achieved (certificate of the French Embassy, Consulate, or other).

POST-GRADUATE STUDIES AND DIPLOMA

Qualification: ☐ Agronomist ☐ Economist ☐ Other (precise): .....

Title of the diploma (mention the highest diploma you have obtained): .....

Place (name of the university or institution/country): .....

Year of the beginning of the training: ..... Year of the end of the training: .....

Post-graduate studies details:

Academic year from to		Name of University or school	Diploma obtained	Main course subject

POST-UNIVERSITY RESEARCH WORK (dates, duration, specialization)

If you are currently making a post-university research study, describe in a few words the title and subject of your study, as well as the results obtained up to now:

MOTIVATIONS

o Explain your motivations for applying to this Master .....

o Mention three subjects on which you would like to work:

1] .....

2] .....

3] .....

o Do you think that the program you want to attend at the CIHEAM Montpellier fits well with your career projects ? Why ?

o Did you work on this subject before ? yes ☐ no ☐

If you did, please give details:

1] Studies, researches, written reports (administrative, university), projects:

2] University course units attended (describe the course units contents and give the marks you obtained)

Mention the courses in economics that you attended during your university studies (describe the content, the number of ECTS credits and hours) and give the marks you obtained:

o Are you willing to carry on your studies with a PhD ?

yes ☐ no ☐

Subjects, specialization: .....

Why did you choose this subject/specialization ?

o How did you obtain information about our institute ?

If you get the information through various means, please only quote (or describe) the mean you used at first.

☐ Web

☐ Leaflet

Other (precise): .....

## CHECK LIST

Check the documents that you are enclosing to your application form, mention the missing documents and the date you will be able to send them:

- ☐ Application form dully filled in
- ☐ Letter of interest detailing your professional project and explaining the reasons you want to attend courses at the CIHEAM Montpellier
- ☐ Curriculum vitae
- ☐ Certified copy of the highest university diploma obtained  
The diploma has to be produced along with a translated copy into French or English if it is edited in a different language. If you have not obtained your diploma yet because you have to wait the end of the academic year, please provide at least the list of courses attended + a certificate of your Director mentioning the date you are likely to get the diploma
- ☐ Certified copies of the transcript of records obtained during your university years, along with their translated copies into French or English if they are edited in a different language.
- ☐ For foreign applicants: a French proficiency certificate  
Mandatory for non French-speaking applicants - Highly recommended for French-speaking applicants
- ☐ Hierarchical authorization (if you are a civil servant of your government)
- ☐ Birth certificate in French
- ☐ 4 id photos that must be individually cut out (write your first name and surname on the back)

### Nb:

- Referee letters must be original documents inserted in stamped envelopes.
- If you are admitted, please note that you will have to :
  - pay the CVEC (Contribution to Student Life and Campus) on the webiste <https://cvec.etudiant.gouv.fr>,
  - subscribe to health insurance and liability insurance (the SES will guide you through these formalities).

## SCHOLARSHIPS

Did you apply for a scholarship in another national or international organization but CIHEAM Montpellier ?

☐ yes ☐ no

If you did, did you receive a positive answer ? ☐ yes ☐ no

Name and address of the organization/institution:

.....  
.....

If you did not, would you like to benefit from a CIHEAM Montpellier scholarship\* (1) ? ☐ yes ☐ no

*\* I commit myself to inform the CIHEAM Montpellier if I obtain a scholarship after the sending of my application form*

*I certify that the declarations here above or answers to the asked questions are exact.*

*Date :*

*Signature :*

(1) Only for candidates coming from: Albania, Algeria, Egypt, Greece, Italy, Lebanon, Malta, Morocco, Portugal, Spain, Tunisia, Turkey.  
Scholarships will be attributed upon selection of application forms.

For further information: [www.iamm.ciheam.org/en/education/masters](http://www.iamm.ciheam.org/en/education/masters)

