

**CIHEAM-IAMM**

**International institute  
for higher education,  
research and cooperation**



# **SYLLABUS**

## **MASTER 2 AND MASTER OF SCIENCE**

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



**CIHEAM-IAM of Montpellier**

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

**2018 / 2019**

In a very fluid and uncertain Mediterranean context, the demand for training in rural development evolves. The CIHEAM-IAMM, an intergovernmental institute for higher education, research, and development, adapts its training offer and co-operative activities to face the multiple challenges related to food security and sustainable development in rural areas in the Mediterranean. The institute of Montpellier welcomes students and teachers in a high-standing international campus, for long or short stays, as well as executives in rural and food processing development, from the public or private sector, mostly from the countries bordering the Mediterranean. Its educational and support processes are ISO 9001 certified. The institute is accredited by the French Ministry of Higher Education and Research to issue the national diploma of Master. Some of its specializations are co-accredited with the universities and Montpellier SupAgro. Other Master programmes are specific to the Institute. This training opens a way to important professional opportunities and to university doctoral studies. International Master courses are also available, in particular with Lebanon. The PhD laboratory welcomes PhD and post-PhD students to enable the supervision of their research work by the teachers-researchers of the CIHEAM-IAMM who are part of the joint research units of the agricultural pole. In partnership with the institutes of CIHEAM member countries and through our Mediterranean network, we also offer research seminars and short-duration specialized courses dealing with food security stakes. The CIHEAM-IAMM, with its scientific platform and activities in support of sustainable development, reinforces its active role in the exchange of information, the production of operational knowledge and as an international cooperation interface for development in the Mediterranean..

Pascal Bergeret, Director

## EDUCATIONAL PROGRAMMES

### DEGREE TRAINING PROGRAMMES

The teaching programme is divided into modules of two to four weeks credited in accordance to the international standards (ECTS), which facilitates the equivalency process and the students exchanges between the CIHEAM-IAMM, its partners based in Montpellier and the network of associated Mediterranean universities. The pedagogical processes have been ISO 9001 certified since November 2008 and from 2015 onwards, the CIHEAM-IAMM is accredited by the French Ministry of Higher Education and Research to issue the national diploma of Master in the four mentions corresponding to its training programmes in Master 2.

#### The diplomas

##### Master 2 degree (M2) - (equivalent to a Bac +5 level)

This degree is delivered after one training year (60 ECTS) in one of the programmes listed below and is intended for candidates who have achieved at least 240 ECTS (or a minimum level of four years of studies after the Bachelor's degree).

- Specialization "Economy and public management", pathway "Projects and public policies engineering"  
Master 2 co-accredited with the University of Montpellier
- Specialization "Management of territories and local development", pathway "Agricultural Management and Territories"  
Master 2 co-accredited with the University Paul Valéry Montpellier 3
- Specialization "Economy of the environment, the energy and transport", pathway "Agricultural, environmental development economics and food"  
Master 2 co-accredited with the University of Montpellier and Montpellier SupAgro
- Specialization "Economic and social sciences", pathway "Food value chains and agro-logistics"

##### CIHEAM's Master of Science degree (Msc.) - (equivalent to a Bac +6 level)

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

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

Dean of Studies **Philippe Le Grusse**

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 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.

For more information: [www.iamm.ciheam.org/en/education/fpcpro@iamm.fr](http://www.iamm.ciheam.org/en/education/fpcpro@iamm.fr)

Continuous Professional Training's manager: **Anne Cobacho**





## RESEARCH

### NETWORK RESEARCH, PHD WELCOME LABORATORY

The Mediterranean Laboratory in Economic and Social Sciences (LAMES) of the CIHEAM-IAMM conducts specialized or applied research on the following three topics: Food, Agriculture and Sustainable Development. It deals with agricultural and food policies, social choices and markets, the strategies of actors in the food processing sector, sustainable rural development, sustainable food, food safety and natural resources management. It is involved in such projects concerning the Mediterranean countries from the North, the South and the East, based on European funding, on the National Research Agency funding or even on multilateral and bilateral

cooperation fund. This laboratory takes part in the local research cluster, the international Agropolis campus in Montpellier, through Joint Research Units (UMR) such as UMR MOISA, UMR SYSTEM and UMR-GRED. Moreover, it is an instrument for co-operation thanks to the close connections it maintains with European institutions to the South and East of the Mediterranean. Every year, it welcomes 30 to 50 PhD students coming from the Mediterranean area, for permanent or short stays.

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



## COOPERATION AND EXPERTISE

The CIHEAM-IAMM participates in development programmes at national and international levels, in particular in the fields of rural development, food governance, management and promotion of land resources, value chains and stakeholders' organization, reform and strengthening of agricultural and rural policies. The institute also offers its expertise to governmental authorities and to national/international institu-

tions engaged in agriculture and rural development. Thanks to the synergy between the partners in its network, it plays the role of a 'master planner' enabling it to mobilise a wide range of skills (involving institutional decision-makers, regional authorities, professionals, teachers, researchers, civil society, etc.) and to draw up proposals with an international dimension combining the various know-how of different teams.

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



## SUPPORT SERVICES

### CFLE-CIHEAM-IAMM (LANGUAGE CENTRE)

#### 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 500 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 partners.

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) / [doc@iamm.fr](mailto:doc@iamm.fr)  
To follow us on Twitter : [@Doc\\_IAMM](https://twitter.com/Doc_IAMM) – Scoop.it : [CIHEAM News](https://www.scoop.international.com/CIHEAM-News)



### MULTI-MEDIA DEVELOPMENT AND PUBLICATIONS

The CIHEAM-IAMM has set up a workshop for designing and producing multi-media material for e-learning and research activities. It is specialized in developing communication strategies for pedagogical processes, in a wide range of fields and including supply chains engineering: human resources and technic sectors.

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



The Publications department publishes two collections: Mediterranean Options (A and B series, shared by the four institutes), the Serie "Master of Science" which contains the best Masters presented at the CIHEAM-IAMM and a bimonthly Information Letter since 2006. Partners and students can draw on its resources for publication purposes, in particular for the "Master of Science" editions and for scientific publications.

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



## ADAPTED TRAINING PROGRAMMES

For over 50 years, the CIHEAM-IAMM has been observing, analysing and accompanying geopolitical, economic and cultural evolutions of the Mediterranean area. Over 5000 trainees (students and professionals, in short or long duration courses) have been trained, more than 900 CIHEAM Master of Science degrees awarded and numerous doctoral studies and PhD degrees supervised. Every year, the institute welcomes over 180 teachers through its Euro-Mediterranean network: researchers and experts working within the framework of its research, training and co-operation programmes, and covering topics related to its priority fields of expertise.

Our academic and scientific recognition enables the CIHEAM-IAMM to take part in or to coordinate international, national and European training and research programmes (Horizon 2020, Erasmus+, MED programmes, among others) in agriculture, environment, food and sustainable development, in a context of increasing climatic changes, important migratory flows and high risks for food security.



## A NETWORK FOR TRAINING, RESEARCH AND COOPERATION IN THE EUROMED AREA

The CIHEAM-IAMM has been designated as operator by the European Commission to set into place the programme of European Neighbourhood for the agricultural and rural development (ENPARD) in south bank countries. The second phase has started in 2015. This action, along with the Euro-Mediterranean projects conducted by the institute, reinforces the CIHEAM's Mediterranean identity and regional action. We regularly take part in the preparation and realization of the conference of the Ministers of Agriculture of the CIHEAM member countries (Cairo, December 2006 - Zaragoza, February 2008 - Istanbul, March 2010 - Malta, September 2012 - Algiers, February 2014 - Tirana, September 2016 - and the forthcoming conference in Tunis, in 2018). The Institute ensures the exchange of skills within the Mediterranean basin, the

transfer of resources towards the partner institutions of its network and the development of the scientific and educational recognition of its trainings. The renovated Mediterranean Campus\* offers 96 fully-equipped apartments for students and researchers-teachers, a 150 places cafeteria as well as a "Villa Mediterra" for the stay of our visitors. The whole campus has been built following the HQE standards (High Environmental Quality Standards) and is totally equipped to welcome people of reduced mobility. The CIHEAM-IAMM has been granted the ISO 9001 quality certification for its training organization processes regarding its Master training programmes, its vocational trainings, doctoral platform and linguistic courses. This certification has been regularly renewed.



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

The Director: **Pascal Bergeret** - [bergeret@iamm.fr](mailto:bergeret@iamm.fr)

\*For further information about the Mediterranean campus: [www.iamm.ciheam.org/en/about/ciheam-iamm/campus](http://www.iamm.ciheam.org/en/about/ciheam-iamm/campus).  
or contact by e-mail: [ResaCampus@iamm.fr](mailto:ResaCampus@iamm.fr) or by phone: +33 (0)4 67 04 60 79





2018/2019

From 09/07 to 14/09/18		Prerequisites in French language, microeconomics and accounting			
18/09/18		Introduction to the Mediterranean			
Projects and public policies engineering		Agricultural management and territories		Food value chains and agro-logistics	
From 17/09 to 28/09/18		I3PGAT0918 Economics for rural development		From 03/09 to 28/09/18	CDV0918 Food chains: concepts and definitions
From 01/10 to 19/10/18		I3PGAT1018A Diagnosis methods and tools		From 01/10 to 26/10/18	CDV1018 Technical aspects of logistics
From 22/10 to 16/11/18		I3PGAT1018B Territorial diagnosis			
From 19/11 to 30/11/18	I3P1118 Development sustainability in the Mediterranean	From 19/11 to 30/11/18	GAT1118 Actors and natural resources management (1 <sup>st</sup> part)	From 29/10 to 16/11/18	CDV1118 Legal aspects of logistics
From 03/12 to 19/12/18		I3PGAT1218 International and national agricultural policies		From 19/11 to 14/12/18	CDV1218 Large retailing sector and food supply chains management
From 20/12/18 to 06/01/19		Christmas holidays			
From 07/01 to 11/01/19	I3P0119A Total utility assessment (market values)	From 13/09/18 to 31/01/19	GATTC18 Integrated and sustainable regional development for territories	From 07/01 to 25/01/19	CDV0119 International trade and marketing
From 14/01 to 25/01/19	I3P0119B Projects elaboration	Jan-Feb 2019	GAT/ARPM19 Research workshop : issues and methods		
From 21/01 to 08/02/19	I3P0119C Financial Evaluation	Jan-March 2019	GAT/AREP19 Thematic research workshop and project elaboration	From 28/01 to 22/02/19	CDV0219 Business organization and human resources management
From 11/02 to 15/02/19	I3P0219A Total utility assessment (non-market values)				
From 18/02 to 22/02/19	I3P0219B Methodology of public policy assessment	From 07/01 to 01/02/19	GAT0119 Farm management		
From 25/02 to 08/03/19	I3P0219C Regional multipliers	From 04/02 to 01/03/19	GAT0219 Modelling and support for decision-making		
From 11/03 to 15/03/19	I3P0319A Social utility assessment	From 04/03 to 15/03/19	GAT0319 Actors and natural resources management (2 <sup>nd</sup> part)	Sept. 18 - Feb. 19	CDV0319 Research methods in social sciences
From 21/01 to 15/03/19	I3P0319B Human capital assessment				
Oct. 2018 - March 2019	SR2019 Training workshops on research methods		From 25/02 to 08/03/19		
From 18/03 to 29/03/19	Internship report				
Oct. 2018 - March 2019		Foreign language - English			
March-September 2019		Internship Report and presentation			



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## Agricultural, environmental development economics and food

From 17/09 to 05/10/18	<p>Thematic courses</p> <ul style="list-style-type: none"> <li>▪ EC/TC11 Economics and agricultural, food and rural policies</li> <li>▪ EC/TC12 Environment economics and policies</li> <li>▪ EC/TC13 Development economics and policies</li> <li>▪ EC/TC14 Food systems</li> </ul>
From 08/10 to 23/11/18	<p>Methodological courses : each student has to choose 3 courses</p> <ul style="list-style-type: none"> <li>▪ EC/TC21 Applied econometrics</li> <li>▪ EC/TC22 Modelling of the agricultural and environmental policies</li> <li>▪ EC/TC23 Qualitative and quantitative methods</li> <li>▪ EC/TC24 Experimental and behavioural economics</li> </ul>
From 08/10 to 23/11/18	<p>Theoretical courses</p> <ul style="list-style-type: none"> <li>▪ EC/TC31 New institutional economy</li> <li>▪ EC/TC32 Economic public calculation</li> <li>▪ EC/TC33 Economical sociology and anthropology</li> </ul>
From 26/11 to 14/12/18	<p>Specialization courses : each student has to choose 3 courses</p> <ul style="list-style-type: none"> <li>▪ EC/SPÉ 1 Consumers, food and sustainability</li> <li>▪ EC/SPÉ 2 Coordination in the firms and agri-food chains</li> <li>▪ EC/SPÉ 3 Institutions, development and international negotiations</li> <li>▪ EC/SPÉ 4 Public policies, firms and environment</li> <li>▪ EC/SPÉ 5 Natural resources management</li> </ul>

From 20/12/18 to 06/01/19	Christmas holidays
From 07/01 to 11/01/19	Reviews
From 14/01 to 01/02/19	EXAMS

February - March 2019	Research seminars
February - March 2019	Tutorials as guidelines to research process
April - September 2019	Research report and presentation







Specialization « Economy and public management », pathway of Master 2

## PROJECTS AND PUBLIC POLICIES ENGINEERING

co-accredited with the University of Montpellier (UM).

This Master offers the possibility to pursue a research career (PhD studies)

Master of Science

## TERRITORIAL DEVELOPMENT AND PROJECTS

**2018/2019**

### OBJECTIVE

This post-graduate educational programme is intended for students who achieved a university diploma corresponding to a minimum level of 4 years after the "Baccalauréat" (Master 1 or Engineer diploma) and to working professionals with experience in the thematic fields of rural development (agronomy/agriculture, economics, geography, rural sociology).

The aim of this programme is to prepare students to the professions related to policies and projects engineering for the development of rural territories, such as project coordinator, responsible for development programmes, top executive in local development, responsible for studies in local authorities or in rural and agricultural development organizations or institutions, etc. Indeed, the recent evolutions in the agricultural environment have favoured the emergence of many organizations and institutions in charge of territorial or rural development and implementing development programmes or processes for rural territories planning; that is why these organizations prospect high skilled people specialized in territorial development.

The training at the CIHEAM-IAMM not only teaches economists and engineers how to work in teams by providing them the common language needed, but it also offers them the knowledge of both theoretical and practical tools. Furthermore, the training includes a professional experience (individual or collective internships) enabling them to be in contact with local professionals and the field work reality, making them operational directly after the end of the training.

The training provides the following skills:

- Knowledge: theories of development, theoretical basis for the approaches of rural territories development, study of the notions of social and environmental sustainability,
- Know-how: to be able to make a diagnosis of a territory, to manage surveys, to implement development projects, to prepare proposals, to make an economic and financial evaluation of a rural development process,
- Personal skills: to be able to work in multidisciplinary teams and to facilitate the interface between technical and socio-economic aspects.

### MASTER 2 PROGRAMME (60 ECTS)

#### Prerequisites (September)

- Upgrade in economics (fundamentals in microeconomics, management, macroeconomics and statistics).
- Upgrade in agronomy.

#### Unit 1: Economics for rural development (September)

Acquisition of the main tools used for general development and for rural territories development.

#### Unit 2: Diagnosis methods and tools (October)

- Learning rapid diagnosis methods applied to a rural area.
- Reading a rural territory using the concept and approach of vulnerability and capacity for adaptation.
- Introduction to data analysis and Geographic Information System.

### ORGANIZATION

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

Fifteen units 45 ECTS

Training and report 15 ECTS

This training programme is organized by the CIHEAM-IAMM, in partnership with the UM.

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.

#### → Master of Science of the CIHEAM (Baccalauréat +6 years)

Master of Science Thesis 60 ECTS

### LANGUAGE OF THE COURSES

French

### ADMISSION

Selection is based on qualifications and admission is decided by a Commission composed of representatives from the various institutions involved in the Master. This course is designed for economists, agronomists or geographers wishing to specialize in economy of rural development projects or in rural development in general.

The required level for admission is an engineer's degree or any equivalent level giving access to post-graduate studies. Prerequisites in economics are compulsory.

Tuition fees amount to 400 € per month (excluding registration fees, travel and living expenses). Applicants coming from a CIHEAM member country can have access to scholarships.

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 April 20<sup>th</sup> 2018.**

### DIPLOMAS

#### Master 2

awarded by the CIHEAM-IAMM and the UM.

#### 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. Requests have to be sent together with the application documents.



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### Unit 3: Territorial diagnosis (October-November)

Socio-economic diagnosis applied to a rural territory after interviews with local actors and statistic surveys with growers.

### Unit 4: Development sustainability in the Mediterranean (November)

- Critical analysis of the "sustainable development" concept.
- Presentation of the major concepts derived from sustainability, ecosystem services and adaptation to climate change.
- Measures and main indicators of sustainability: ecological footprint.
- Life cycle social analysis, processes and implementation policies: application to wetlands..

### Unit 5: International and national agricultural policies (December)

- Agricultural policies: history of national trajectories and methods of international coordination.
- Analysis of two policies: that of the European Union and that of the Green Morocco Plan.

### Unit 6: Total utility assessment (market values) (January)

- Acquiring concepts and methods to assess a project.

### Unit 7: Projects elaboration (January)

- From the diagnosis to the project implementation: methods and project diversity.
- Acquisition of the necessary implements for a project elaboration: initiation to the "logical framework", social acceptability and environmental impacts.

### Unit 8: Financial evaluation (January-February)

- Acquisition of the necessary concepts and methods for the financial evaluation of a development process.
- Application: financial evaluation through information technologies.

### Unit 9: Total utility assessment (non-market values) (February)

- Presentation of different types of values of a non-market asset.
- Managing scientific issues of the assessment of non-market assets

### Unit 10: Methodology of public policy assessment (February)

- Scope of the public policies evaluation and terms for its institutionalization.
- Implementation and measurement protocols.

### Unit 11: Regional multipliers (February-March)

- Difference between total utility value and total activity value (main approaches and methods).
- Complementarities between financial evaluation and economic evaluation of projects applied to a territory.

### Unit 12: Social utility assessment (March)

- Social utility concept, theoretical foundations, fields of application. Methods and application contexts of the social utility value.

### Unit 13: Human capital assessment (January-March)

- Application of the theory of human capital in terms of public policies.
- Assessment methods.

### Unit 14: Training workshops on research methods (October-March)

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

### Unit 15: Foreign language - English (October-March)

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

### Internship report (March)

Preparation of a research project structuring the different aspects of the individual training: field works and analysis.

### Individual training in a professional environment, preparation and defence of the M2 thesis (April-September)

This training takes place in firms involved in development, consulting firms, NGO, etc. Two students, with complementary skills, may jointly carry out studies focusing on the same project. This training period is followed by the presentation of a report, required to obtain the Master's Diploma.

## MASTER OF SCIENCE (60 ECTS)

### Master of Science of CIHEAM thesis

Preparation and defence.

#### Scientific coordinators:

**Tahani ABDELHAKIM**  
Phone: (33) (0)4 67.04.60.13  
Email: abdelhakim@iamm.fr

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



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## Specialization « Management of territories and local development », pathway of Master 2 **AGRICULTURAL MANAGEMENT AND TERRITORIES**

co-accredited with the University Paul Valéry Montpellier 3 (UPVM3).

This Master offers the possibility to pursue a research career (PhD studies)

Master of Science

## **AGRICULTURAL MANAGEMENT AND TERRITORIES**

**2018/2019**

### **OBJECTIVE**

The aim of this master is to train students for works in agricultural production systems management, taking account of the specific characteristics of territories with a both technical and economic approach. To this end, the training offers both a learning of the theoretical and practical tools and the acquisition of professional experience (individual and collective internships), thus enabling students to be in contact with the local actors and the realities on the ground so as to be operational by the end of the training.

The training enables to acquire:

- Knowledge: Analysis of the technical and economic functioning of a farm and of an farming region,
- Know-how: Implementation of decision-making methods, preliminary analysis and strategic steering in a consultancy process at an individual or collective level. Elaboration of optimization models for the technical and production choices made in the farm and at the regional level. Linking of bio-physical and economical models for decision-making in the field of natural resources management and diffuse pollution management in agriculture,
- Personal skills: Work in multidisciplinary teams, conciliation of technical and socio-economic aspects.

The first part is devoted to the theoretical and practical learning of the various methods and tools. It allows students to be placed regularly in real life/ real work situations: case studies, collective field works, and applications.

The second part is dedicated to an individual work including a practical internship of at least 3 months leading to the writing and the defence of a Master's thesis or a research paper.

The training provides students with skills to work as research analysts in agricultural development organizations and among the actors of the agricultural production in the territories. This training also aims to teach economists, geographers and engineers how to work together by providing them the common language needed.

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

#### **Prerequisites (September)**

- Upgrade in economics (fundamentals in microeconomics, management, macroeconomics and statistics).
- Upgrade in agronomy.

#### **Unit 1: Integrated and sustainable regional development for territories (September-February)**

- Presentation of the connection between the urban planning actors and the implementation of the public action mechanisms, through territorial management tools.

#### **Unit 2: Economics for rural development (September)**

Acquisition of the main tools used for general development and for rural territories development.

#### **Unit 3: Diagnosis methods and tools (October)**

- Learning rapid diagnosis methods applied to a rural area.
- Reading a rural territory using the concept and approach of vulnerability.
- Introduction to data analysis and Geographic Information System.

### **ORGANIZATION**

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

Thirteen units 34 ECTS

Training and report 26 ECTS

This training programme is organized by the CIHEAM-IAMM, in partnership with the UPVM3.

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.

→ **Master of Science of the CIHEAM (Baccalauréat +6 years)**

Master of Science Thesis 60 ECTS

### **LANGUAGE OF THE COURSES**

French

### **ADMISSION**

Selection is based on qualifications and admission is decided by a Commission composed of representatives from the various institutions involved in the Master. This course is designed for economists, agronomists or geographers wishing to specialize in economy of rural development projects or in rural development in general.

The required level for admission is an engineer's degree or any equivalent level giving access to post-graduate studies. Prerequisites in economics are compulsory.

Tuition fees amount to 400 € per month (excluding registration fees, travel and living expenses). Applicants coming from a CIHEAM member country can have access to scholarships.

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 April 20<sup>th</sup> 2018.

### **DIPLOMAS**

**Master 2** awarded by the CIHEAM-IAMM and the UPVM3.

**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. Requests have to be sent together with the application documents.



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#### Unit 4: Territorial diagnosis (October-November)

Socio-economic diagnosis applied to a rural territory after interviews with local actors and statistic surveys with growers.

#### Unit 5: Actors and natural resources management (1<sup>st</sup> part: November)

- Economics applied to the environment and to natural resources.
- Environment policies implements: definition and implementation, taxes, quotas.
- Analysis of the interaction between individual and collective choices at the regional level.
- The IWRM "GIRE" (Integrated Water Resource Management): irrigation techniques, control of inputs, water supply and demand management.

#### Unit 6: International and national agricultural policies (December)

- Agricultural policies: history of national trajectories and methods of international coordination.
- Analysis of two policies: that of the European Union and that of the Green Morocco Plan.

#### Unit 7: Research workshop: Issues and Methods (January-February)

- Scientific construction of a research project.
- Analysis of a scientific article.
- Analysis of Master theses.

#### Unit 8: Farm management (January)

- To master farm firms management techniques using computer tools (technical and economical productions follow-up, work planning, funds and budget management, agricultural accountancy, environmental performance indicators).
- Agri-environmental measures and externalities management.
- To work out a strategic development plan for an agricultural firm using a multi-periodical simulator (Olympe) and create a model of counsel for management.
- Operational simulation studying a given area together with farmers and professional managers.

#### Unit 9: Modelling and support for decision-making (February)

- Mathematical modelling of a farm for decision-making.
- Simulation and optimisation models.
- Mathematical modelling examples: formulation and resolving of an optimisation model in an agricultural firm.

- Various methods of mathematical modelling of risk assessment.
- Comparison of the main models of bio-physical simulation.
- The CROPSYST model: vegetative growing modules, water, salt, nitrates, erosion.
- Construction of production functions, identification of the water needs of plants, scheduling based on need or on irrigation techniques.

#### Unit 10: Actors and natural resources management (2<sup>nd</sup> part: March)

- Transfer of farms management models to regional incorporated models. Case studies: basic structures of a regional model, formulation, functioning, coherence of data, validation of models.
- Using of regional simulation models for negotiation.
- Simulation of negotiation and collective choices evaluation in a small agricultural area/region.

#### Unit 11: Foreign language - English (October-March)

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

#### Unit 12: Documentary and bibliographic search tools (October-March)

- Master information-retrieval methods and tools
- Identify and assess the relevance, quality and validity of the collected information

#### Unit 13: Thematic research workshop and project elaboration (January-March)

- Formalize a research or master thesis project.
- Define the problematic, the working hypotheses and the methodological approach.

#### Internship report (March)

- Preparation of a project presenting the different aspects of the individual professional training period.

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

This training takes place in firms involved in development, consulting firms, NGO, etc. Two students, with complementary skills, may jointly carry out studies focusing on the same project. This training period is followed by the presentation of a report, required to obtain the Master's Diploma.

## MASTER OF SCIENCE (60 ECTS)

### Master of Science of CIHEAM thesis

Preparation and defence.

#### Scientific coordinators:

**Philippe LE GRUSSE**  
Phone: (33) (0)4 67.04.60.23  
Email: legrusse@iamm.fr

**Hatem BELHOUCLETTE**  
Phone: (33) (0)4 67.04.39.96  
Email: belhouchette@iamm.fr



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## OBJECTIVE

This educational programme is preparing students to positions needing autonomy, individual enterprise capacities and knowledge in economic sciences. It is a selective Master programme based on research and high level educational standards. Focused on the transmission of fundamental theoretical and methodological knowledge, it values the use of advanced modelling and quantification 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: Thematic 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: 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.

### 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 applied to the analysis of the agricultural economy issues.

## ORGANIZATION

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

Five units 36 ECTS

Research report and presentation 24 ECTS

This training programme is organized by the CIHEAM-IAMM, the UM and Montpellier SupAgro.

### → Master of Science of the CIHEAM (Baccalauréat +6 years)

Master of Science Thesis 60 ECTS

## LANGUAGE OF THE COURSES

French

## ADMISSION

The minimal required level for admission is "Baccalauréat" + 4 years or other equivalent level giving access to post-graduate studies.

Tuition fees amount to 400 € per month (excluding registration fees, travel and living expenses). Applicants coming from a CIHEAM member country can have access to scholarships.

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 April 20<sup>th</sup> 2018.

## DIPLOMAS

Master 2 delivered by the UM and co-accredited with the CIHEAM-IAMM and 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. Requests have to be sent together with the application documents.



→ **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: Experimental and behavioural economics**

**Objective:** to study the main themes of experimental economics focussing on social interactions. This course analyses the behaviour of economic agents in reference to the conceptual framework of the "game play theory".

**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", the "Evolutionary economy", 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 of the 20th century, 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".

**Course unit 4: Specialization courses**

Each student has to choose 3 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: Coordination in the firms and agri-food chains**

**Objective:** to present some of the important applications to the agricultural and agri-food sectors, to provide courses of institutional and industrial economy (theory of incitement).

→ **Unit 3: Institutions, development and international negotiations**

**Objective:** to develop the course in institutional economy, especially the issues related to rural development and public policies.

→ **Unit 4: Public policies, firms and environment**

**Objective:** to study the behaviour of the company towards the environment and its regulation through a basically microeconomic approach.

→ **Unit 5: Natural resources management**

**Objective:** to develop the concepts and methods for economic analysis of natural resources management, especially of sustainable resources.

**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 the 3 UMR (Mixed Research Units) 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 in case of a multidisciplinary approach. 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-IAMM Scientific coordinator:**

**Myriam KESSARI**

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Specialization « Economic and social sciences », pathway of Master 2

## FOOD VALUE CHAINS AND AGRO-LOGISTICS

Master of Science

## FOOD VALUE CHAINS AND AGRO-LOGISTICS

2018/2019

### 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

### 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 400 € per month (excluding registration fees, travel and living expenses). Applicants coming from a CIHEAM member country can have access to scholarships.

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 April 20<sup>th</sup> 2018.

### 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. Requests have to be sent together with the application documents.



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### 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 coordinators:

**Fatima EL HADAD-GAUTHIER**

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**Myriam KESSARI**

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Email: kessari@iamm.fr





## CIHEAM-IAMM, A CONTINUOUS PROFESSIONAL TRAINING OPERATOR IN THE MEDITERRANEAN

**A permanent offer - some specialized themes**

For a life-long update of professional knowledge

**2018/2019**

### OBJECTIVE

The CIHEAM-IAMM 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 offer focuses on themes linked to present issues in the Mediterranean such as:

- The market openings and the creation of free trading zones
- The evolution of societies in the face of economic changes
- The pressure on natural resources and climate change
- The evolution of 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

3 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: 1 week.

#### A la carte modules

The Master of Science modules can be followed individually.

Duration of a module: 1 week to 1 month.

#### Off-site short training courses:

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

Average duration of an off-site session: one week.

### 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/en/education/fpc](http://www.iamm.ciheam.org/en/education/fpc)

Contact: [fpc@iamm.fr](mailto:fpc@iamm.fr)

#### Continuous Professional Training's manager:

**Anne COBACHO**

Phone: (33) (0)4 67.04.60.11

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



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## 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

## AUDIOVISUAL AND WRITTEN COMMUNICATION: TOOLS AND METHODS

The CIHEAM-MAIM offers training courses to learn about the tools and methods in the fields of promotion of education and scientific contents through the media: online broadcasting, audiovisual scripts, written linguistic command:

**Contact and information:** [aragon@iamm.fr](mailto:aragon@iamm.fr) - + 33 (0)4 67.04.60.34

## SOME EXAMPLES OF DELOCALIZED SHORT-DURATION 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

## SECTORS ANALYSIS AND AGRICULTURAL AND FOOD 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.

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# FRENCH LANGUAGE CENTRE (CFLE)

« French Language Quality » quality label - ISO 9001 certified



**2018/2019**

## 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 = 440 € / 4 weeks = 820 €

6 weeks = 1 160 € / 8 weeks = 1 470 €

10 weeks = 1 670 €

### INTENSIVE GROUP INSTRUCTION

(4 - 15 students) - October-June

→ **15h /week**

Fees: 14 weeks = 1 660 € / 28 weeks = 3 230 €

→ **9h /week**

Fees: 14 weeks = 1 230 € / 28 weeks = 2 385 €

### 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 ; Session 2 : January-April

Fees Session 1 : 170 € /20 h

Fees Session 2 : 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 = 136 € / 10h = 330 € / 15h = 480 € / 20h = 600 €

### 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.

### PREPARATION FOR DELF or DALF EXAMS

(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 of 20 hours - 2 hours a week

Schedule: 5.30 pm to 7.30 pm

Sessions : October-December / January-April / May-July

Fees: 120 € /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: 250 € / weeks - discounts from 4 weeks on

### TRAINING OF TRAINERS

Duration: 2 weeks - 20h per week

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

#### Contact:

**Yamina DJENKAL-BENDAHDANE**

Phone: (33) (0)4 67.04.60.02 ou 60.26

Email: 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.**



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# SUPPORT TO MEDITERRANEAN DOCTORAL STUDIES

2018/2019

## OBJECTIVE

The CIHEAM-IAMM has always been known for its tradition of welcoming students and its aim is to systematize this function and make it a priority. We host doctoral students as well as teachers and associated researchers for a given period, or on sabbatical leave, or even within the framework of research programmes.

## A LABORATORY (LAMES) WELCOMING DOCTORAL STUDENTS

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

Doctoral stays may be of short or average duration depending on the university where the thesis has been registered.

- A student registered at a university in a partner country, whose doctoral work is integrated into a collaborative project with the CIHEAM-IAMM, 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-IAMM, 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 Montpellier SupAgro – University of Montpellier doctoral training programme "Economy and management of farm, agri-food and rural development" as well as the UM3 doctoral training programme.

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

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**Contact: Isabelle FERRIER**

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## 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-MAIM 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-MAIM 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-MAIM 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.







## 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-IAMM 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. Registration by correspondence is not allowed.

## ② Enrolment procedures

In order to comply with enrolment requirements, applicants must:

- subscribe a health insurance (medical and hospital insurance);
- report to the Institute's Office of Trainee Administration (the SES - "*Service de l'Enseignement et de la Scolarité*") and produce: the notification letter, a photocopy of the passport, a health insurance certificate, and a public insurance certificate. You may take out these insurances from your home country (in which case the certificates should precisely mention their validity in France). You can also subscribe to an insurance once in France on the day of your registration in Montpellier (the SES office will help you for that).
- pay the annual enrolment fees (230 €).

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

## ③ Documents delivered

At the end of the course, the CIHEAM-IAMM 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.

## ④ Registration fees and school fees

Registration fees: 230 € (for the whole school year). School fees: 400 € per month (excluding insurances, living expenses, return ticket to the trainee's country). Students coming from a CIHEAM member country can benefit from scholarships (see next paragraph).

For further information, please contact the SES office.

## ⑤ Scholarships

The CIHEAM-IAMM grants scholarships to the candidates coming from the CIHEAM member countries, depending on the quality of their files. The scholarships bear the training costs (training monthly cost) and the residence costs (accommodation in the CIHEAM campus, lunches at the campus cafeteria 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-IAMM before the deadline: April 20th 2018.

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-IAMM
- » 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 non French-speaking applicants: Certificate of level in French language
- » If you are currently a civil servant of your government: Hierarchical authorization
- » Birth certificate
- » 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-IAMM

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

Tel.: (33) (0)4 67 04 60 46/31 90 - Fax : (33) (0)4 67 54 25 27

Email : [ses@iamm.fr](mailto:ses@iamm.fr)

### Admission notifications:

Admission letters will be sent during the second half of May 2018.

## Application form

To be sent at the following address:

CIHEAM-IAMM - 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 2018/2019

### PERSONAL INFORMATION

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

Date of birth: ..... Place of birth: .....

Nationality: .....

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

Family situation: ☐ single ☐ married Number of children: .....

Current address: .....  
.....

Address between May and August: .....  
.....

Phone: ..... Fax: ..... E mail: .....

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

- ☐ *Projects and public policies engineering*  
☐ *Agricultural Management and Territories*  
☐ *Agricultural, environmental development economics and food*  
☐ *Food chain and agro-logistics*

(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: ..... Fax: ..... E mail: .....

Link with the candidate: .....

Link with CIHEAM-MAIM: .....

### o 2<sup>nd</sup> referee

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

Professional address: .....

Phone: ..... Fax: ..... E mail: .....

Link with the candidate: .....

Link with CIHEAM-MAIM: .....

## 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 Why did you choose this master / subject ? .....

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-MAIM 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 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-MAIM
- ☐ Curriculum vitae
- ☐ Certified copy of the highest university diploma obtained  
The diploma has to be translated in French or English if it is edited in another language
- ☐ Certified copies of the statements of grades that you obtained during your university years  
The statements of grades have to be translated in French or English if they are edited in another language
- ☐ Certificate of French language (for non French-speaking applicants)
- ☐ Hierarchical authorization (if you are a civil servant of your government)
- ☐ Birth certificate
- ☐ 4 id photos that must be individually cut out (write your first name and surname on the back)

### Nb:

- If you are admitted, please note that you will have to present a document certifying that you have a health protection and a public responsibility insurance in France the day of your registration. These insurances can be taken in your country before your departure (in that case certificates should precisely mention their validity in France) or on the day of your registration in Montpellier. Our SES department will help you for that.
- Referee letters must be original documents inserted in stamped envelopes.

## SCHOLARSHIPS

Did you apply for a scholarship in another national or international organization but CIHEAM-MAIM ? 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-MAIM scholarship\* (1) ? yes ☐ no ☐

*\* I commit myself to inform the CIHEAM-MAIM 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)

