

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.



### 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:

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