

# Master TEAM Actors

## TRANSITIONS IN ENVIRONMENTAL AND AGRIFOOD SYSTEMS MANAGEMENT

**MENTION AGROSCIENCES, ENVIRONMENT TERRITORIES, LANDSCAPE, FOREST**

### CONTEXT AND OBJECTIVES

To respond to complex environmental issues (management of natural resources, food systems), it is necessary to have an approach based on the close articulation between engineering and social sciences in order to understand the complexity of the processes related to these objects: multi-stakes and multi-actors at the systemic scale of the territory.

This master's course combines environmental sciences and social sciences (sociology, economics, political sciences) to transition and development issues.

It focuses social and place-based dynamics development.

**At the end of the master, students are thus able to:**

- Understand environmental issues of agricultural, rural and peri-urban and high-naturevalue areas.
- Manage the tools for analysing the local situation from an interdisciplinary and multiscale perspective.
- Promote socio-professional dialogue in a multi-issue and multistakeholder context.
- Contribute to social and organisational innovations around the issues of sustainable development and resilience.

#### Campus

Angers ○ Rennes ●

Initial education ●

Executive education ●

#### Common Courses with :

International Master in Rural Development ●

#### Institut Agro Rennes-Angers supports

One-stop administrative desk for international students ●

French language courses for non-native students ●

Housing support, local options on campus ●

Tutor support ●

### OCCUPATION AND SECTORS OF ACTIVITIES

The professional context created by these major transitions shows an agricultural sector in the throes of change, driven by local communities that are investing in new issues.

These changes are taking place at the interface between public issues and are mobilising new forms of governance based on facilitation, mediation and coordination.

Consequently, new professional fields are identified such as local food plans, urban food planning, management of the environments, of agriculture and rural development, blue & greenways management, renewable energies, multi-stakeholders processes for agro-ecological transition, littoral, water management, health and environment, territorial waste management.

#### The graduates work in the public, parapublic and private fields:

- + Consular chambers and technical institutes
- + Institutions for territorial management
- + Design offices
- + Local authorities
- + Agricultural development and civil society groups
- + Research and higher education organizations
- + Associations and foundations
- + Large companies

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### PROGRAMME CONTENT

The formation is based on a:

- Interdisciplinarity: rural sociology, political science, economics, environmental sciences, agronomy and food studies,
- Systemic approach to these issues at the level of place-based case studies,
- Student field projects involving professional partners.

M1 level available in French / M2 level available in English (30 ECTS).

B2 to C1 level in both French and English is necessary for application.

#### MASTER 1 | SEMESTER 7 | 30 ECTS

- From data acquisition to analysis and interpretation 9 ECTS
- Systems in transition 6 ECTS
- The agricultural engineer in his professional environment 7 ECTS
- Interdisciplinarity to think about and lead transformations 8 ECTS

#### SEMESTER 8 | 30-32 ECTS

- Conducting innovative professional projects / Group Work 4 ECTS
- Notion of risk - Evaluation, management, prevention 2 ECTS
- The environment as viewed by the social sciences 4 ECTS
- Case Study: Systemic Approach to Regional Agriculture / Travel and group work 4 ECTS

#### To choose 1/2 4 ECTS

- Industrial strategy and nature policy
- Bibliographic synthesis social perceptions of nature

#### To choose 1/2 4 ECTS

- Ecotechnology
- Economic and financial analysis of agricultural enterprises and sectors

#### To choose 1/2 4 ECTS

- Agroecology
- From land data to GIS (geographic information system): Spatial data analysis of environments and landscapes

#### To choose 1/2 4 ECTS

- French language - Compulsory for students who do not speak french & Critical analysis of articles
- LV1 English & Critical analysis of articles

#### MASTER 2 | SEMESTER 9 | 30-32 ECTS

- Environmental analysis and prospective 5 ECTS
- Preparation for professional situations 3 ECTS
- French language courses or LV1 English & LV2 German, Spanish or Italian 2 ECTS
- Supporting transition to sustainable agri-food systems: Agroecology, food justice and governance 7 ECTS
- Transitions, actors and governance of environmental commons 6 ECTS
- Approaches and methods in social sciences 2 ECTS
- Project-based approaches 5 ECTS

#### SEMESTER 10 | 30 ECTS

Master's thesis

### ADMISSION

Open only to:

- International students
- French students in continuing education

A B2-level certificate in English is necessary to follow the TEAM Actors Master programme.

Admissions are possible at the Master 1 and Master 2 levels.

### ACADEMIC REFERENTS

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### EXECUTIVE INFORMATION

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### ADMINISTRATIVE INFORMATION

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