



MASTER

GLOBAL QUALITY IN EUROPEAN LIVESTOCK PRODUCTION

Specialisation : Managing territories and local development

COURSE OVERVIEW

Livestock farming is currently at the heart of many societal issues. Various questions arise regarding the future of livestock production and its sometimes negative image among citizens.

Livestock systems must adapt to new challenges i.e. producing more, better and differently. It is necessary for livestock farming to improve its production methods thanks to successful experience in order to obtain a quality of animal production methods that meet societal demands. To include environment, health, ethical safety, product quality, regional development, economy of animal and crop production sectors and also consumption patterns. **The global quality is a concept of the production methods.** This requires training of people in the concept of global quality.

Global quality

Quality of animal production methods to meet societal expectations: territorial development, environment, health, health safety, ethics, animal welfare, quality of products, agricultural economic chain, patterns of consumption...



Objective of the Master : train executives able to apply and propose multi-criteria assessment methods to improve the global quality of animal production systems.

At the end of this training, you will be able:

- ▶ To **understand and analyze** the global quality of an animal production system;
- ▶ To **design and implement a global assessment approach** applied to an animal production system;
- ▶ To **acquire an ethical and philosophical reflection** on livestock farming;
- ▶ To **communicate** and transmit a message, **manage a project and carry out advocacy work** while adapting to the context.

PROGRAMME STRUCTURE

The Master Global Quality in European Livestock Production, is a specialisation of Managing territories and local development course and is co-accredited by the University of Clermont Auvergne and VetAgro Sup. The course comprises **one year of full-time training** and leads to the Master's degree. It begins in September until March for the school part and ends with a **6-month end-of-study internship**.



Training focuses on animal production systems, with a particular emphasis **on methods for assessing the global quality of these systems**. It is therefore centered on the different levels related to the components of global quality, from animals to raw materials, taking into account the territory and society. The program is divided into various teaching units concerning:

► Livestock systems: challenges and the future

The objective is to know the diversity of livestock farming systems and to understand the challenges surrounding livestock farming on a European and global scale. A focus will be placed on animal ethics, human relations and how to better take them into account in breeding systems.

► The different components of the global quality of production methods

The courses will make it possible to address different aspects of quality (territorial development, environment, health and safety, economy,...) necessary to adapt livestock production systems.

► Global assessment methods

The objective is to provide methodological knowledge of multi-criteria evaluation and to put it into practice through various case studies in France and Europe. This method will make it possible to evaluate the global quality of production systems in order to make them evolve.

► Advocacy techniques

The aim is to acquire the methods and tools to carry out advocacy action and to know how to manage controversies around livestock farming.

ORGANISATION

The programme consists of joint courses with a Master's degree in Managing territories and local development from the **University of Clermont-Auvergne**, but also with courses given in **VetAgro Sup** (agro and veto campuses) and partner institutions: **Bordeaux Sciences Agro** and the **University of Lorraine/ENSAIA**.

INRA, the national institute for agricultural research is one of the privileged partners of the training.

The teaching is carried out by the teachers and teacher-researchers of the various institutions, by international experts and by a large number of stakeholders from the socio-professional world.



Not only is this training innovative in its design with a combination of approaches in the humanities and social and biotechnical sciences, but also through its teaching methods:

The teaching methods are proposed to push forward the acquisition of learners' skills:

- **Lectures and tutorials** to acquire knowledge about the different concepts;
- **Field case studies** to illustrate theoretical contributions and apply the global evaluation method;
- Participation in **scientific and technical symposia** and **organization of a seminar** with professionals
- Professional training through **internships**.

COMPLETE PROGRAMME

The training is divided into 16 teaching units that allow students to acquire 60 ECTS credits. To validate the Master's degree it is necessary to follow all the teaching units, but some EU Member States are open to modular training for learners in continuing training.

Unit training		Duration	ECTS
First semester	Research skills and data analysis	30h	3
	Global quality concept : livestock and products	30h	3
	Livestock systems issues	25h	3
	Territorial organization & Livestock chains	30h	3
	Resource management	30h	3
	Global assessment livestock systems : case study in France	50h	6
	Multicriteria assessment ●	30h	3
	Scientific evaluation of the sanitary risk	30h	3
	Management of food safety and livestock systems	30h	3
Second semester	Participative process	25h	3
	Environment & Society	25h	3
	Global assessment livestock systems: advanced case studies in Europe	30h	3
	Livestock geopolitics and economics	30h	3
	Controversy and advocacy ●	30h	3
	Animal ethics & philosophy ●	30h	3
	Work placement	30h	12
		455h	60

● Teaching unit open to modular training (continuing training)

The majority of the teaching units take place in Clermont-Ferrand but weeks of training are carried out in Bordeaux (Global assessment of livestock systems: case studies in France) and Nancy (Evaluation of the sanitary risk) and in Europe during a study tour.

Full programme available on www.vetagro-sup.fr.

STUDY TOUR

A study week is organised in a European country (which may be different each year) to apply the knowledge and skills acquired on the global evaluation of production systems.

This study tour is an opportunity to meet animal production professionals in the country.



ENTRY QUALIFICATIONS AND APPLICATIONS

The training is open to :

- ▶ Students with a M1 of the master's specialisation
- ▶ Students with an equivalent level for foreign and French students in the field of training (biology or geography)
- ▶ Agricultural engineers students (Last year or graduates)
- ▶ Veterinarians (5th year and graduates)

A minimum level of English is required (level B2) to complete the training. Recruitment is done on the basis of an application and a potential interview. Training is also open to continuing education (complete programme - page 5). Contact us for more information.



TUITION FEES

General information

All students undertaking the GLOQUAL Master are required to pay tuition fees.

Tuition Fees 2019/2020

EU students/ non EU students € 1243*.

** (these fees include the cost of the study tour)*

Possibility to follow some training units through continuing training, complete programme - page 5 (750 €/unit).

For further details or specialisation, please contact us at contact.mastergloqual@vetagro-sup.fr.



CAREER OPPORTUNITIES

This professional training course remains very close to the research sector.

The targeted professions are **professions at the crossroads between agri-food companies and agricultural structures in strategic positions** that promote the improvement of production methods in response to the challenges surrounding livestock farming (global quality director in animal production, quality sector referent, purchasing manager, production manager).

Professions linked to public policies (international consultant in animal production system quality, advocacy manager, etc.).

Further studies at the **university doctorate level (PhD) or in research positions** are also possible.

The increasing attention paid to the quality of food and its production methods as well as the various societal issues surrounding livestock farming will probably open up other professional opportunities for graduates.

The Master's degree may lead to work in governmental and non-governmental organizations as well as international organizations and companies where the acquired skills can be used, particularly those related to the global evaluation of the quality of production methods.

- ▶ National or international private companies related to animal production
- ▶ National bodies (inter-professional, institutes,...)
- ▶ European union
- ▶ University, Research Centres





COURSE CONTACT DETAILS

For further information, please contact :

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