

## CAREER PROSPECTS:

- ❑ Manager in production of farming supplies or service for the livestock industry
- ❑ Government official in charge of livestock farming for a Ministry
- ❑ Employee in a professional agricultural organisation
- ❑ Manager of a production unit
- ❑ Researcher or lecturer in a Research Institute, Veterinary School or Agricultural Sciences Higher Education Institute / University



### COURSE SUPERVISORS :

Dr. Magali JOUVEN , [magali.jouven@supagro.fr](mailto:magali.jouven@supagro.fr)  
Prof. François BOCQUIER, [francois.bocquier@supagro.fr](mailto:francois.bocquier@supagro.fr)

### CAMPUS

Montpellier SupAgro (La Gaillarde campus)



### FOR FURTHER INFORMATION PLEASE CONTACT :

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### PARTNERS :

- ✓ Researchers from INRA, CIRAD, IRD and especially the SELMET research unit
- ✓ Professionals from the livestock sector.
- ✓ CIRAD research institute participates in the organisation of a few teaching units.



National Institute of Higher Education  
in Agricultural Sciences

# Livestock Farming Systems

A course for students with successful completion of 4 years higher education in agricultural , veterinary or biological science.



### COURSE OBJECTIVES :

Train professionals to be competent in dealing with issues encountered in intensive or extensive animal husbandry, in Mediterranean or Tropical areas.

### DISTINCTIVE FEATURES :

The course develops integrated and systemic approaches of farming systems and product chains . A focus is done on pastoral systems and territories, with a variety of practical case studies and field work.

TEACHING LANGUAGE: French



## COURSE CHARACTERISTICS:

### An interactive course...

You will be asked to participate in many group tasks that need to be presented and debated using professional communication techniques. You will be able to personalize your academic year by choosing the themes of your personal work and of your placement.

### ... sustained by a dynamic research unit...

Most of the lecturers and academic staff of the course are part of the SELMET research unit, and work on the sustainable development of Mediterranean and Tropical livestock systems ([umr-selmet.cirad.fr](http://umr-selmet.cirad.fr)).

### ... with a strong international component.

Lecturers and case studies are chosen from various countries . The course is coupled with a specialisation for French agronomy engineer students. It is part of an Agris Mundus program 'Sustainable Development in Agriculture' in the curriculum 'Livestock Farming Systems' with the universities of Catania (Italy) or Copenhagen (Denmark).



## THE THREE ACADEMIC TEACHING UNITS :

### 1: Understanding Livestock Production Dynamics (9 ECTS)

- Tools for the analysis of livestock farming systems worldwide
- Integration of animal production within a territory

### 2: Finding solutions to livestock related issues according to the context (9 ECTS)

- Intensive livestock production in tropical or Mediterranean areas
- Pastoral livestock farming in drylands
- Health regulations and products' quality

### 3: Project and Study Management (12 ECTS)

- Bibliographic review
- Research project
- Statistics, Modelling
- Professional project