



MSc EURAMA
European Animal Management and Sustainability
SYLLABUS Semester 1 in PURPAN TOULOUSE FR
Fall 2017

GENERAL TARGET OF THE MSc EURAMA:

The MSc EURAMA aims at educating our students to mainly work as managers in companies in the animal sector with international dimensions.

Our students must have, when graduated:

- Strong skills in animal sciences AND/OR business in animal sector
- A high capacity to work in an intercultural environment with a positive ethic
- Capacity to understand the animal sector and anticipate its evolutions

GENERAL TARGET OF THE SEMESTER:

For the first semester, our three main targets are:

- 1 - Knowing and understanding the international **diversity for the animal production systems and commercial chain** organizations.
- 2 - Knowing the main **international agricultural policies** and their ways to influence the animal sector.
- 3 - Sorting out the **main world issues** for the animal productions systems and commercial chains.

PEDAGOGY OF THE SEMESTER:

We keep a **balance** between:

- the lectures
- the visits or study tours
- the personal and group work

In any case, the pedagogy is **professional oriented**:

- the courses must have a link with the professional interest or situation
- the visits or study tours are prepared and lead to a restitution including the professional issue
- some reports will be enriched and/or assessed by professionals

NB: this pedagogy can be uncomfortable for the students used to a classical academic system.

The **international** dimension (lectures, foreign lecturers and study tours abroad) and intercultural group work are priorities.

Assessments are very diverse to assess the academic like professional skills of the students, in mixing individual and group reports, oral defending, like written exams. Assessors are professors and professionals.

STRUCTURE OF THE SEMESTER:

The Semester is organized with the following four dimensions:

- **POLICIES**: Understanding the international agricultural policies and regulation
- **FARMING SYSTEMS**: Deepening the European livestock farm systems and their sustainability

- **MARKET**: Adding a market approach to the other dimensions
- **CONSUMER**: lightening the market chain by the social and ethical consumers' demand.

The backbone of the semester is the **TUTORED WORK** which responds to a professional demand in animal sector with an international dimension. This work must be done with a real professional approach.

Semester 1 – INTERNATIONAL ANIMAL MANAGEMENT & SUSTAINABILITY		
<i>Semester in E.I. PURPAN TOULOUSE – FRANCE</i>		
Module	Title	ECTS
41SPA03	Introduction in international animal sector	4
41SPA01	Livestock production systems in the world	4
41ECM03	International animal market chains	4
41ECM08	Animal feed industry	4
41ECM02	International agricultural policies	4
41ECM04	Sustainability and main issues of animal sector	4
41ECM05	Tutored work in European animal chains	6
TOTAL Semester		30ECTS

SYLLABUS Semester 1 – 2017 - MSc EURAMA in PURPAN:

Module: 41SPA03	Introduction in international animal sector
Number of credits (ECTS)	4
Hours of lectures, exercises and visits	40
Hours of personal work	55
Name of responsible	<i>De RANCOURT (PURPAN)</i>
Names of regular participating lecturers	<i>de Rancourt (PURPAN), Siqueira (PURPAN)</i>
Course objectives:	<p>Having the minimum basis in animal techniques and farm economics.</p> <p>Understanding the main world animal issues</p> <p>Being able to behave and communicate in an intercultural environment.</p>
Course content :	<p>Levelling in livestock farms techniques and economics</p> <p>Livestock production in different countries in the world</p> <p>Main international issues for the animal productions and chains</p> <p>Intercultural conference and exercises</p>
Evaluation types	Individual oral presentation of the students' country of region for animal productions

Module: 41ECM02	International agricultural policies
Number of credits (ECTS)	4
Hours of lectures, exercises and visits	65
Hours of personal work	40
Name of responsible	<i>SIQUEIRA (PURPAN)</i>
Names of regular participating lecturers	<i>Van der Sluis (South Dakota University), Siqueira (PURPAN), lecturers from European Commission, COPA COGECA, FEFAC & FEFANA etc. in Brussels</i>
Course objectives :	Having a good knowledge of the Common Agricultural Policies and especially its regulations concerning animal sector. Being able to appreciate the main differences and interactions with other policies in the world (US Farm Bill, WTO, bilateral agreements...)
Course content :	European common agricultural policy Other international policies Study Tour in Brussels (European Commission, COPA COGECA, FEFAC...)
Evaluation types	Individual exam Group written report

Module: 41SPA01	Livestock production systems in the world
Number of credits (ECTS)	4
Hours of lectures, exercises and visits	35
Hours of personal work	65
Name of responsible	<i>SIQUEIRA (PURPAN)</i>
Names of regular participating lecturers	<i>Siqueira (PURPAN), de Rancourt (Purpan)</i>
Course objectives :	<p>Being able to analyse a livestock farm system for technique like economical performances</p> <p>Assessing the effect of the European regulations on the farm economic performances</p> <p>Knowing the diversity of the main livestock production and feeding systems in Europe</p>
Course content :	<p>DIAGNOSIS METHOD for technique and economic farm performances</p> <p>ANIMAL PRODUCTION SYSTEMS, compared in Europe</p> <p>STUDY TOUR & VISITS in: Spain (Catalonia), France (South West)</p>
Evaluation types	<p>individual Oral</p> <p>report in group</p>

Module: 41ECM08	Animal feed industry
Number of credits (ECTS)	4
Hours of lectures, exercises and visits	40
Hours of personal work	40
Name of responsible	<i>LEKHAL (Purpan)</i>
Names of regular participating lecturers	<i>Lekhal (Purpan), Zened (Purpan), Dussert (Lallemand ltd.) Clech (Norfeed Ltd.), Marden (Lessafre Ltd.), den Hartog (Nutreco Ltd.)</i>
Course objectives :	Being able to know the main actors of the feed industry sector in Europe and the world Having a clear idea of the different scientific and professional skills which are developed in this economic sector
Course content :	Presentation and visits of different actors in compound feed like feed additive with some R & D labs.
Evaluation types	essay individual report

Module: 41ECM03	International animal market chains
Number of credits (ECTS)	4
Hours of lectures, exercises and visits	50
Hours of personal work	40
Name of responsible	<i>SIQUEIRA (PURPAN)</i>
Names of regular participating lecturers	<i>Van Ferneij (IFIP), Mtimet (ILRI Kenya), Habert (Consultant)</i>
Course objectives :	Being able to analyse the European diversity of the main animal market chains and feed industries and their international evolutions
Course content :	Concept and method for the market chains Future international market types Animal market chains in developing countries International markets for dairy, pork, beef etc.
Evaluation types	collective oral exercise

Module: 41ECM04	Sustainability and main issues of animal sector
Number of credits (ECTS)	4
Hours of lectures, exercises and visits	85
Hours of personal work	25
Name of responsible	<i>ZENED (PURPAN)</i>
Names of regular participating lecturers	<i>Zened (Purpan), Siqueira (Purpan), Frayssignes (Purpan), Avadi (INRA), Lund (Aarhus Univ.)</i>
Course objectives:	Being able to analyse the sustainability of a livestock farm system Understanding the main global issues of the livestock farms and the main consumer tendencies for animal products.
Course content :	LIVESTOCK SUSTAINABILITY: concept and methods ENVIRONMENT: Livestock farms and environmental impacts, Life Cycle Analysis for animal products CONSUMPTION ISSUES: consumer behaviour for animal products in the world, quality signs and sanitary issues for animal products
Evaluation types	Exercise individual report

Module: 41ECM05	Tutored work in European animal chains
Number of credits (ECTS)	6
Hours of lectures, exercises and visits	5
Hours of personal work	100
Name of responsible	<i>SIQUEIRA (PURPAN)</i>
Names of regular participating lecturers	<i>Siqueira (Purpan), Zened (Purpan), Lekhal (Purpan), Bouroullec (Purpan)</i>
Course objectives:	Being able to professionally analyse a transversal question in animal chains with an international dimension
Course content :	Course on project management methods Course on bibliographic research method and referencing Tutored workshop on an animal topic having a multidisciplinary and international dimension
Evaluation types	group report group oral defending