

[22741 - Organisation and Management of Livestock Breeding Farms](#)

Themes	Teaching aims	Teaching subjects	Content	Hours
Economic tools for firm analysis and management				21
Firm theory	Theoretical basis of firm analysis	Production functions	Firm decision complexity. Decision concerning production level, technique and the sector	3
		Cost functions	Derivation and analysis of the cost function. Short and long term functions. Firm decisions in the short and long term.	5
Tolls for firm analysis and management	Identification of the firm context. Application of the analytical and management tools	Discrete tools of analysis	The balance sheet, its application in the livestock breeding farm. Assumptions. Production and productivity indexes. Partial budgeting. Production cost. Operating cost.	7
Efficiency evaluation	The efficiency concept. Analytical tools.	Analytical methods and processes	Basic concepts and assumptions in measuring economic efficiency. Balance sheet and efficiency indexes. Comparative approach.	3
Investment analysis	Understanding the investment analysis process	Investment analysis tools	Technical and economic aspects of investments. The investment time line. Money value over time. Actual Net Value, Internal rate of return, time to return. Tenure value.	
<b>Exercises</b>				<b>2</b>
Production cost calculation	Application of the production cost calculation	Exercise on production cost calculation	Implementation of production cost calculation process in livestock breeding farms	1
Investment decision	Application of investment analysis tools	Exercise on investment analysis	Case study in livestock breeding farms investment analysis	1
<b>Animal products markets and supply chains</b>				<b>6</b>
The agro-food system	Understanding the structure and the dynamics of the agro-food system	Agro-food system structure	Basic definitions and concepts. Elements and relationships within the agro-food system	1
		Agro-food system evolution	Drivers of the agro-food system evolution. Main trends. Relevant problems and situations.	2
Animal products supply chains	Understanding the functioning of the supply chain	Case studies in animal products supply chain	Identification of the supply chains structure and organization. Market and non-market co-ordination.	3