

Faculty of Biological, Agronomic and Environmental Engineering

BIRA2103 Economy and management of agricultural production

[30h+7.5h exercises] 3 credits

This course is taught in the 2nd semester

Teacher(s): Jean-Marie Bouquiaux
Language: French
Level: Second cycle

Aims

1. Ability to identify and to compare specific characteristics of the economy and the management of the major agricultural factors of production (ground, buildings, capital, intermediate consumptions, manpower, #)
2. Ability to understand and to utilize the main decision-making tools available on the farm level (global and partial budget, linear programming, programme planning, accounting system) and at regional level (group analysis, factorial analysis, principal components analysis, models, simulations, ..)
3. Ability to understand and to analyse the structure, functioning and performance of the main agricultural production and agricultural enterprises.
4. Ability to apply in concrete terms the concepts and analysis techniques through supervised exercises.

Main themes

After an introduction on the agricultural production economy and on the main agricultural economic accounts, the major agricultural factors are characterized and explained to perform the management of agricultural enterprise.

The main tools of decision making and of analysis are explained and exploited (exercises).

Main agricultural productions and food channels are analysed, notably bovines, pigs and poultry farming and meats, milk, ..

The development of agricultural sector in Belgium and in Europe are analysed and main challenges are underlined.

Other information (prerequisite, evaluation (assessment methods), course materials recommended readings, ...)

Requirements

Vegetable productions, animal productions, agricultural and rural policy, firm strategy, market analysis, #

Evaluation : exam.

Other credits in programs

BIR22/0A	Deuxième année du programme conduisant au grade de bio-ingénieur: Sciences agronomiques (Technologies et gestion de l'information)	(3 credits)	Mandatory
BIR22/1A	Deuxième année du programme conduisant au grade de bio-ingénieur: sciences agronomiques (Sciences, technologie et qualité des aliments)	(3 credits)	Mandatory
BIR22/7A	Deuxième année du programme conduisant au grade de bio-ingénieur : Sciences agronomiques (Ressources en eau et en sol)	(3 credits)	Mandatory
BIR22/8A	Deuxième année du programme conduisant au grade de bio-ingénieur : Sciences agronomiques (Intégrée, productions animales, végétales & économie)	(3 credits)	Mandatory
BIR22/9A	Deuxième année du programme conduisant au grade de bio-ingénieur : Sciences agronomiques (Protection intégrée des plantes)	(3 credits)	Mandatory
BIR23/5E	Troisième année du programme conduisant au grade de bio-ingénieur : sciences et technologie de l'environnement (Aménagement du territoire)	(3 credits)	