

Faculty of Biological, Agronomic and Environmental Engineering

BIR1344 Operation and management of enterprises

[30h+7.5h exercises] 2.5 credits

This course is taught in the 2nd semester

Teacher(s): André Nsabimana
Language: French
Level: First cycle

Aims

This course is an introduction of enterprises functioning and management in agricultural, food and bio-industrial sectors. The objective of this course is the study and application of fundamental concepts and tools of enterprise management. At the end of this course, the student should master fundamental concepts and be able to analyse autonomously typical problems of enterprise management in the agricultural and food sector.

Main themes

This course studies:

- enterprise in the economic environment,
- organisation design and framework,
- fundamental aspects of enterprise analysis (variable factors, human resources, capital)
- fundamental tools of enterprise management: accounting, financial analysis, risk analysis, investments profitability analysis, decision analysis, and marketing
- strategic aspects of enterprise management in agricultural and food sector: enterprise/ environment, innovation-patent-intellectual ownership rights, enterprise growth, vertical versus horizontal integration.

Content and teaching methods

1. Introduction
2. The theory of the firm: why do firm exist?
3. Enterprise design and economic environment
4. Fundamental aspects of enterprise management
5. Accounting system and cost management
6. Financial analysis and management
7. Investment decision and risk analysis
8. Budgets management and analysis
9. Strategic management, innovation and growth

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

Precursory courses: BIR 1241 "Economie politique et sociale"

Supplemental courses : Economie et gestion de la production agricole, recherche opérationnelle en agriculture, économie des filières agro-industrielles.

Evaluation : written examination, based on both the theory and the exercises.

Teaching team: professor and assistant.

Theoretic course with exercises.

Other credits in programs

BIR13BA/A	Troisième année de bachelier en sciences de l'ingénieur, orientation bioingénieur (option : agronomie)	(2.5 credits)	Mandatory
BIR13BA/C	Troisième année de bachelier en sciences de l'ingénieur, orientation bioingénieur (option : chimie)	(2.5 credits)	Mandatory
BIR13BA/E	Troisième année de bachelier en sciences de l'ingénieur, orientation bioingénieur (option : environnement)	(2.5 credits)	Mandatory