

Faculty of Economic, Social and Political Sciences



IAG3051 Management environnemental

[30h] 5 credits

Teacher(s): Daniel Tyteca
Language: French
Level: Third cycle

Aims

The course is part of the package "Environment" of the 3rd year program of Management Engineer. It is therefore conceived as a close complement to the other two courses in the package, namely, "Business and the environment" (FSA 2245) and the seminar "Management of environmental issues" (ESPO 2104). The teaching objective of the courses and the seminar as a whole is to enable students to understand and properly manage contemporary environmental matters inside companies. More specifically, the object of the course Environmental Management is to explain and help students to properly exploit the tools of environmental management. Its purpose is also to sensitize company managers to the essential issues of natural resources management and sustainable development, and to stimulate them to incorporate such dimensions into management policies and strategies.

Content and teaching methods

The course alternates ex cathedra presentations and discussions with students. Representatives from sectors concerned by the topic (companies, federations, administration) are invited to share their experience. The materials taught during the course are largely exploited in the scope of the seminar "Management of environmental issues".

General introduction
 Historical perspective
 Sustainable growth and development
 Interactions between companies and the environment
 Elements of environmental legislation applicable to companies
 Environmental management
 Environmental technologies
 Curative vs. preventive measures - Clean technologies
 Industrial ecology
 Innovation, communication
 Strategic options of companies
 Risk management and environmental strategy
 Environmental management tools
 Environmental diagnostic and audit
 Environmental management systems
 Certification (ISO, EMAS), environmental reporting
 Management control
 Environmental accounting
 Life cycle assessment
 Environmental performance indicators
 Global Reporting Initiative
 Application of EMAS in the Walloon Region - Incentives from the Region to companies

Programmes in which this activity is taught

ECGE3DS/AC Diplôme d'études spécialisées en économie et gestion (Master in business administration) (audit et contrôle de gestion)

Other credits in programs

ECGE3DS/AC	Diplôme d'études spécialisées en économie et gestion (Master in business administration) (audit et contrôle de gestion)	(15 credits)	Mandatory
IAG23M	Troisième année de Maîtrise en sciences de gestion (orientation "méthodes quantitatives de gestion")	(15 credits)	Mandatory
INGE22/G	Deuxième Ingénieur de gestion (Générale)	(15 credits)	Mandatory
INGE22/PM	Deuxième Ingénieur de gestion (Création d'entreprise)	(15 credits)	Mandatory
INGE23	Troisième Ingénieur de gestion	(15 credits)	Mandatory
INGE23/G	Troisième Ingénieur de gestion (Générale)	(15 credits)	Mandatory
INGE23/PM	Troisième Ingénieur de gestion (Création d'entreprise)	(15 credits)	Mandatory