

Professor name	Giovanni LAGIOIA
Master in	Business Professional Consulting
Academic year	2013 - 2014
Semester	II
ECTS / CFU	6
Scientific Area Code	SECS-P/13

**Course unit title: Environmental Management and Certification System (a.a. 2013/2014)
(Prof. LAGIOIA Giovanni)**

University of Bari Aldo Moro
Master in Business Professional Consulting

Admission criteria

Knowledge concerning the business system, macroeconomics model and the basic Commodity Science concept.

Aims of the course

Analysis of industries impacts on environment and interlink between the economic system and natural ecosystems. Environmental Management scheme is illustrated. Description of the main environmental management tools, as ecological labelling and certification patterns.

Course content

Part 1 – Introduction concepts

The features of the Industrialized society; limits to growths concept; environment and industry relationship; the theory of the sustainable development. European Environmental Policy: a short description.

Part 2 – Environmental Certification of organizations

Description of ISO 14000 and EMAS Regulation. Project work: analysis of environmental balances of power companies, explanation of power generation chain and its environmental indicators.

Part 3 – Environmental Certification of goods

Environmental labelling (Ecolabel etc.), Environmental Product Declaration (EPD).
Project work: analysis of procedure for obtaining environmental certification.

Part 4 – Environmental management

Environmental accounting, green taxation and public procurement.

Study material

Leoci B., Cicli produttivi e merci, Roma, Aracne. [*]

Ciraolo L., Giaccio M., Morgante A., Riganti V., Merceologia, Bologna, Monduzzi. [*]

Gervasoni S., Sistemi di Gestione Ambientale, Milano, Hoepli. [*]

European Union, Regulation (EC) No. 1221/2009 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 25 November 2009 on the voluntary participation by organizations in a Community eco-management and audit scheme (EMAS), repealing Regulation (EC) No. 761/2001 and Commission Decisions 2001/681/EC and 2006/193/EC. Official Journal of the European Union L342.

Baldo G., Marino M., Rossi S., Analisi del ciclo di vita, Milano, Edizioni Ambiente. [*]

ENEL, Dichiarazioni EMAS di vari stabilimenti.

EDISON, Dichiarazioni EMAS di vari stabilimenti.

The teacher distributes Lectures notes for integrating the supporting materials for preparing the final exam.

[*] Some chapters only

Teaching methods

- Direct contact
Lectures: Yes
Tutorials: Yes
- Personal work
Case studies – in group: Yes

Assessment methods

- Assignment: No
- Written without oral presentation: No
- Oral presentation: Yes

This course is in e-learning Web Site area: Yes