



Course Syllabus

Course Code	Course Title	ECTS Credits
MBAN-804	Environmental Safety and Natural Resources	7.5
Prerequisites	Department	Semester
None	School of Business	Fall, Spring, Summer
Type of Course	Field	Language of Instruction
Elective	Agricultural Economics	English
Level of Course	Lecturer(s)	Year of Study
2 nd Cycle	Prof. Philippos Karipidis	1 st or 2 nd
Mode of Delivery	Work Placement	Corequisites
Face-to-Face	N/A	None

Course Objectives:

The main objectives of the course are to:

- Issues of the exhaustion, degradation and sustainable exploitation of the natural resources.
- Interconnections between businesses of the agro–food sector and natural environment.
- Methods of economic evaluation of the environment.
- Formulation of strategies environmentally friendly to businesses and implementation of environmental management systems.
- Optimization in making environmentally sound decisions at the micro - and macro - level.
- Development and recording of national and corporate environmental information.
- The main environmental issues and the treatment options.

Learning Outcomes:

After completion of the course students are expected to be able to:

- Interpret the issues of the depletion, degradation and sustainable management of the natural resources.
- Analyse the environmental problems caused by economic activities in agriculture, food and rural areas, and evaluate the policy responses.
- Analyse the environmental values and assess the environmental elements.
- Interpret the eco-design and eco-labelling of products, and undertake studies of the life cycle analysis.

- Analyse the functions of the reverse supply chain and design or administers systems of the reverse logistics.
- Plan and evaluate environmentally friendly business strategies in conjunction with the implementation of environmental management systems.
- Evaluate the effectiveness and efficiency of enterprise policy and prepare reports of the environmental performance.
- Identify and interpret the conditions of optimization with economic and multiple criteria.
- Interpret environmental information at national and corporate level and contributes to the development and recording of them.
- Evaluate the response of the agri-food businesses to the requirements of environmental policy and propose the optimum solution.

Course Content:

1. Introduction to the environmental management
2. Environmental policy
3. Selection of tools of environmental policy
4. Methods of environmental assessment
5. Eco-centric approach in the management
6. Stakeholders
7. Environmental quality of the business
8. Eco-labeling
9. Optimisation and Sustainability
10. Recording of environmental information
11. Addressing environmental problems

Learning Activities and Teaching Methods:

Power point and articulate presentations, lectures, case studies and exercises.

Assessment Methods:

Exercises, Assignments, Final Exam

Required Textbooks / Readings:

Title	Author(s)	Publisher	Year	ISBN
Natural Resource and Environmental Economics	Perman R., Ma Y., Common M., Maddison D., Mcgilvray J.	Prentice Hall	2012	978-0321417534

Recommended Textbooks / Readings:

Title	Author(s)	Publisher	Year	ISBN
Environmental Management Accounting for Cleaner Production	Schaltegger S., Bennett M., Burrit L. R., Jasch C.	Springer	2010	978-90-481-8026-4
Sustainable Business Development – Inventing the Future through Strategy, Innovation, and Leadership	Rainey L. D.	Cambridge	2008	978-0-521-86278-3
Handbook of Agricultural Economics, V. 2A, Agriculture and its External Linkages	Gardner, B. and Rausser, G. Eds	Elsevier	2002	978-0-444-51080-8
Environmental Management and Business Strategy: Leadership Skills for the 21st Century	Piasecki B., Fletcher K., Mendelson F.	John Wiley & Sons, Inc.	1998	978-0471169727
Environmental & Natural Resource Economics	Tietenberg T., Lynne L.	Prentice Hall	2011	978-0131392571