

COURSE OUTLINE

(1) GENERAL

SCHOOL	Faculty of Social, Political and Economic Sciences		
ACADEMIC UNIT	Department of Economics		
LEVEL OF STUDIES	Undergraduate		
COURSE CODE	NE57	SEMESTER	5 th
COURSE TITLE	Environmental Economics		
INDEPENDENT TEACHING ACTIVITIES <i>if credits are awarded for separate components of the course, e.g. lectures, laboratory exercises, etc. If the credits are awarded for the whole of the course, give the weekly teaching hours and the total credits</i>		WEEKLY TEACHING HOURS	CREDITS
Lectures		4	6
<i>Add rows if necessary. The organisation of teaching and the teaching methods used are described in detail at (d).</i>			
COURSE TYPE <i>general background, special background, specialised general knowledge, skills development</i>	Elective (special background)		
PREREQUISITE COURSES:			
LANGUAGE OF INSTRUCTION and EXAMINATIONS:	Greek		
IS THE COURSE OFFERED TO ERASMUS STUDENTS			
COURSE WEBSITE (URL)	https://eclass.duth.gr		

(2) LEARNING OUTCOMES

Learning outcomes

The course learning outcomes, specific knowledge, skills and competences of an appropriate level, which the students will acquire with the successful completion of the course are described.

Consult Appendix A

- *Description of the level of learning outcomes for each qualifications cycle, according to the Qualifications Framework of the European Higher Education Area*
- *Descriptors for Levels 6, 7 & 8 of the European Qualifications Framework for Lifelong Learning and Appendix B*
- *Guidelines for writing Learning Outcomes*

- Knowledge and understanding of economic science
- Application of economic science
- Development of strategic and critical thinking and the ability to highlight and study an economic subject.
- The ability to explain how economic agents (individuals, households, firms, governments, etc.) make decisions and choices and to use this to solve problems related to economic decisions.
- The ability to explain the basic workings of an economic system and the role of policy in such a system.
- The ability to use economic reasoning to formulate and evaluate economic advice and policy.
- The ability to understand economic theory principles using mathematical and quantitative methods and to model systems utilizing these methods.
- The ability to apply economic reasoning and methods effectively to the study of specific topic areas (For example, markets, public finance, environment, health, labor markets, international trade, etc.)
- The ability to raise and explore a specific issue in economics. This involves identifying the subject to study, knowing suitable examination methods and the ability to draw conclusions.

General Competences

Taking into consideration the general competences that the degree-holder must acquire (as these appear in the Diploma Supplement and appear below), at which of the following does the course aim?

- | | |
|---|---|
| <i>Search for, analysis and synthesis of data and information, with the use of the necessary technology</i> | <i>Project planning and management</i> |
| <i>Adapting to new situations</i> | <i>Respect for difference and multiculturalism</i> |
| <i>Decision-making</i> | <i>Respect for the natural environment</i> |
| <i>Working independently</i> | <i>Showing social, professional and ethical responsibility and sensitivity to gender issues</i> |
| <i>Team work</i> | <i>Criticism and self-criticism</i> |
| <i>Working in an international environment</i> | <i>Production of free, creative and inductive thinking</i> |
| <i>Working in an interdisciplinary environment</i> | <i>.....</i> |
| <i>Production of new research ideas</i> | <i>Others...</i> |
| | <i>.....</i> |

- Production of new research ideas
- Decision-making
- Production of free, creative and inductive thinking

(3) SYLLABUS

This course presents the basic theoretical approaches regarding the relation between environmental problems and economic activity, giving special emphasis to the approaches of “Thermodynamics” and “Mechanics”. Moreover, basic mathematical models of natural resource management (both renewable and non-renewable) are presented. Finally, the course analyzes some environmental topics of Neoclassical economics such as externalities and taxation.

(4) TEACHING and LEARNING METHODS - EVALUATION

DELIVERY <i>Face-to-face, Distance learning, etc.</i>	Face-to-face	
USE OF INFORMATION AND COMMUNICATIONS TECHNOLOGY <i>Use of ICT in teaching, laboratory education, communication with students</i>		
TEACHING METHODS <i>The manner and methods of teaching are described in detail.</i> <i>Lectures, seminars, laboratory practice, fieldwork, study and analysis of bibliography, tutorials, placements, clinical practice, art workshop, interactive teaching, educational visits, project, essay writing, artistic creativity, etc.</i> <i>The student's study hours for each learning activity are given as well as the hours of non-directed study according to the principles of the ECTS</i>	Activity	Semester workload
	Lectures	52
	Study	98
	Course total	150
STUDENT PERFORMANCE EVALUATION <i>Description of the evaluation procedure</i> <i>Language of evaluation, methods of evaluation, summative or conclusive, multiple choice questionnaires, short-answer questions, open-ended questions, problem solving, written work, essay/report, oral examination, public presentation, laboratory work, clinical</i>	The language of evaluation is Greek and students have to take a final exam.	

examination of patient, art interpretation, other

Specifically-defined evaluation criteria are given, and if and where they are accessible to students.

(5) ATTACHED BIBLIOGRAPHY

- Suggested bibliography:

Economics of natural resources and the environment, Faucheux Sylvie, Noel Jean - Francois
Economy and the environment, Passet Rene

- Related academic journals:

Environmental and Resource Economics
Journal of Environmental Economics and Management