COURSE OUTLINE

(1) GENERAL

SCHOOL	School of Environment		
ACADEMIC UNIT	Department of Environment		
LEVEL OF STUDIES	Undergraduate		
COURSE CODE	**327KEY**	**SEMESTER**	**7**
COURSE TITLE	Economic Valuation of the Environment		

INDEPENDENT TEACHING ACTIVITIES *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*	**WEEKLY TEACHING HOURS**	**CREDITS**
Lectures	2	
Exercises	1	
TOTAL	**3**	**5**
Add rows if necessary. The organisation of teaching and the teaching methods used are described in detail at (d).		

COURSE TYPE *general background, special background, specialised general knowledge, skills development*	Special background
PREREQUISITE COURSES:	-
LANGUAGE OF INSTRUCTION and EXAMINATIONS:	Greek
IS THE COURSE OFFERED TO ERASMUS STUDENTS	No
COURSE WEBSITE (URL)	https://www.env.aegean.gr/all_courses/economic-valuation-of-the-environment/

(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*

- Understanding and analysis of basic concepts of Economic Valuation of the Environment.
- Development of skills for analyzing problems pertaining to natural resources, environmental goods and ecosystem services valuation
- Understanding of economic science's methodological approaches and analytical tools applied to the environment

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?

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

- Knowledge and understanding of economic approaches in analyzing and evaluating environmental problems and policy design for the environment and development.
- Search for, analysis and synthesis of data and information, with the use of the necessary technology.
- Interdisciplinary environmental management
- Working independently
- Team work
- Respect for the Natural Environment
- Development of critical thinking

(3) SYLLABUS

1. Economy and the Environment: An introductory outline
2. Environmental problems and the role of economic science
3. Environmental valuation: Basic concepts (pt. 1)
4. Environmental valuation: Basic concepts (pt. 2)
5. Revealed preference methods (pt. 1)
6. Revealed preference methods (pt. 2)
7. Stated preference methods (pt. 1)
8. Stated preference methods (pt. 2)
9. Other approaches to environmental valuation and decision-making for the environment and development
10. Applications of economic valuation to critical environmental problems
11. Economic valuation of the environment: A critique
12. Economic valuation of the environment & environmental policy
13. Synopsis: Environmental valuation for sustainable development

(4) TEACHING and LEARNING METHODS - EVALUATION

DELIVERY *Face-to-face, Distance learning, etc.*	Face-to-face
USE OF INFORMATION AND COMMUNICATIONS TECHNOLOGY *Use of ICT in teaching, laboratory education, communication with students*	Students have access to all lectures, lecture notes, assignments and related material through the MOODLE platform (https://aegeanmoodle.aegean.gr/)
TEACHING METHODS *The manner and methods of teaching are described in detail.* *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.* *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*	
STUDENT PERFORMANCE EVALUATION *Description of the evaluation procedure* *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 examination of patient, art interpretation, other* *Specifically-defined evaluation criteria are given, and if and where they are accessible to students.*	Language of evaluation: Greek Methods of evaluation: Assignments (40%) Final Exam (60%)

Activity	***Semester workload***
Lectures	39
Study hours	72
Assignments	16
Exams	3
Course total	***130***

(5) ATTACHED BIBLIOGRAPHY

- Suggested bibliography:

- Environmental and natural resource economics, Konstantinos Bithas, Research Institute of Urban Environment & Human Resources (UEHR), ISBN: 978-960-87384-5-4 (in Greek).
- Economics of the natural resources and the environment, Sylvie Faucheux, Jean - François Noël, Gutenberg, ISBN: 978-960-01-1136-1 (in Greek).

- Related academic journals:

- Ecological Economics
- Ecological Indicators
- Journal of Environmental Economics and Management
- Journal of Environmental Economics and Policy
- Environment and Development Economics
- Environmental and Resource Economics
- Review of Environmental Economics and Policy