

## COURSE OUTLINE

### (1) GENERAL

<b>SCHOOL</b>	Economics and Public Administration		
<b>ACADEMIC UNIT</b>	Economic and Regional Development		
<b>LEVEL OF STUDIES</b>	Postgraduate		
<b>COURSE CODE</b>	800041	<b>SEMESTER</b>	VI'
<b>COURSE TITLE</b>	<b>ENVIRONMENTAL ECONOMICS &amp; POLICY</b>		
<b>INDEPENDENT TEACHING ACTIVITIES</b> <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 course, give the weekly teaching hours and the total credits.</i>	<b>WEEKLY TEACHING HOURS</b>	<b>CREDITS</b>	
	3	7,5	
<i>Add rows if necessary. The teaching organisation and methods used are described in detail at (d).</i>			
<b>COURSE TYPE</b> <i>general background, special background, specialised general knowledge, skills development</i>	specialised general knowledge, skills development		
<b>PREREQUISITE COURSES:</b>	No		
<b>LANGUAGE OF INSTRUCTION and EXAMINATIONS :</b>	Greek		
<b>IS THE COURSE OFFERED TO ERASMUS STUDENTS</b>	No		
<b>COURSE WEBSITE (URL)</b>	<a href="https://openeclass.panteion.gr/courses/TMI191/">https://openeclass.panteion.gr/courses/TMI191/</a>		

### (2) LEARNING OUTCOMES

<p><b>Learning outcomes</b></p> <p><i>The course learning outcomes, specific knowledge, skills and competencies of an appropriate level, which the students will acquire with the successful completion of the course, are described.</i></p> <p><i>Consult Appendix A</i></p> <ul style="list-style-type: none"> <li>• Description of the level of learning outcomes for each qualifications cycle, according to the Qualifications Framework of the European Higher Education Area</li> <li>• Descriptors for Levels 6, 7 &amp; 8 of the European Qualifications Framework for Lifelong Learning and Appendix B</li> <li>• Guidelines for Writing Learning Outcomes</li> </ul>																
<p><i>The course's learning outcomes could be briefly described as:</i></p> <ul style="list-style-type: none"> <li>• <i>The understanding of the basic theoretical and methodological framework of the estimation process of the optimum level of environmental protection</i></li> <li>• <i>The comprehension of the economic process as an entropic process in the context of Coupled Human Natural Systems (CHANS)</i></li> <li>• <i>The comprehension of the “polluter pays” principle</i></li> <li>• <i>The utilization of the economic instruments of environmental policy: taxes and tradable permits, standards</i></li> <li>• <i>The ability to perform Monetary valuation of environmental assets</i></li> <li>• <i>The comprehension of EU Environmental Policies</i></li> </ul>																
<p><b>General Competences</b></p> <p><i>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></p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;"><i>Search for, analysis and synthesis of data and information with the use of the necessary technology.</i></td> <td style="width: 50%; border: none;"><i>Project planning and management</i></td> </tr> <tr> <td style="border: none;"><i>Adapting to new situations</i></td> <td style="border: none;"><i>Respect for difference and multiculturalism</i></td> </tr> <tr> <td style="border: none;"><i>Decision-making</i></td> <td style="border: none;"><i>Respect for the natural environment</i></td> </tr> <tr> <td style="border: none;"><i>Working independently</i></td> <td style="border: none;"><i>Showing social, professional and ethical responsibility and sensitivity to gender issues</i></td> </tr> <tr> <td style="border: none;"><i>Teamwork</i></td> <td style="border: none;"><i>Criticism and self-criticism</i></td> </tr> <tr> <td style="border: none;"><i>Working in an international environment</i></td> <td style="border: none;"><i>Production of free, creative and inductive thinking</i></td> </tr> <tr> <td style="border: none;"><i>Working in an interdisciplinary environment</i></td> <td style="border: none;"><i>Others</i></td> </tr> <tr> <td style="border: none;"><i>Production of new research ideas</i></td> <td style="border: none;"><i>.....</i></td> </tr> </table>	<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>Teamwork</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>Others</i>	<i>Production of new research ideas</i>	<i>.....</i>
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- Search for, analysis and synthesis of data and information with the use of the necessary technology.
- Project planning and management
- Working independently
- Teamwork
- Production of new research ideas
- Criticism and self-criticism
- Decision-making
- Production of free, creative and inductive thinking
- Adaption in new circumstances

### (3) SYLLABUS

The basic issues of Environmental Economics and Policy are addressed.

The course is structured as follows:

- The optimum level of environmental protection
- The economic instruments of environmental policy: taxes and tradable permits, standards
- The “polluter pays” principle
- The economic process as an entropic process in the context of Coupled Human Natural Systems (CHANS)
- The economics of Renewable and Non-renewable natural resources
- Monetary valuation of environmental assets

### (4) TEACHING and LEARNING METHODS - EVALUATION

<b>DELIVERY</b> <i>Face-to-face, Distance learning, etc.</i>	Face-to-face	
<b>USE OF INFORMATION AND COMMUNICATIONS TECHNOLOGY</b> <i>Use of ICT in teaching, laboratory education, and communication with students</i>	<i>Use of ICT in teaching, laboratory education, and communication with students</i>	
<b>TEACHING METHODS</b> <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, projects, 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>	<b>Activity</b>	<b>Semester Workload</b>
	Lectures	70
	Study and analysis of bibliography	45
	Data Collection and Elaboration/essay writing	45
	Public Presentation	27,5
	<b>Course Total (25 hours per ECTS)</b>	<b>187,5</b>

<p style="text-align: center;"><b>STUDENT PERFORMANCE EVALUATION</b></p> <p><i>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</i></p> <p><i>Specifically-defined evaluation criteria are given, and if and where they are accessible to students.</i></p>	<p>Final Exams, including: summative or conclusive, multiple choice questionnaires, short-answer questions, open-ended questions, problem-solving.</p>
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## **(5) ATTACHED BIBLIOGRAPHY**

<ul style="list-style-type: none"> <li>- K. Bithas, P. Kalimeris, “Revisiting the Energy-Development Link. Evidence from the 20th Century for Knowledge-based and Developing Economies”.Springer.</li> <li>- Κ. Μπίθας, (2012). «Οικονομική του Περιβάλλοντος και των Φυσικών Πόρων», Εκδόσεις ΙΑΠΑΔ.</li> <li>- Δ. Παπαϊωάννου, (2010). «Διαχείριση και Πολιτική Περιβάλλοντος», Εκδόσεις ΙΑΠΑΔ</li> <li>- Γ. Χάλκος, (2013). «Οικονομία και Περιβάλλον», Εκδόσεις LiberalBooks</li> </ul>
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