

## COURSE OUTLINE

### 1. GENERAL

<b>SCHOOL</b>	APPLIED ECONOMIC AND SOCIAL SCIENCES		
<b>ACADEMIC UNIT</b>	AGRIBUSINESS AND SUPPLY CHAIN MANAGEMENT		
<b>LEVEL OF STUDIES</b>	<i>Undergraduate</i>		
<b>COURSE CODE</b>	5612	<b>SEMESTER</b>	6th
<b>COURSE TITLE</b>	ENVIRONMENTAL POLICY AND ENVIRONMENTAL ECONOMICS FOR THE AGRIFOOD SECTOR		
<b>INDEPENDENT TEACHING ACTIVITIES</b>		<b>WEEKLY TEACHING HOURS</b>	<b>CREDITS</b>
Lectures		5	5
<b>COURSE TYPE</b>	In-Depth Analysis		
<b>PREREQUISITE COURSES</b>	NO		
<b>LANGUAGE OF INSTRUCTION and EXAMINATIONS</b>	Greek		
<b>IS THE COURSE OFFERED for ERASMUS STUDENTS?</b>	YES (in English)		
<b>COURSE WEBSITE (URL)</b>	<a href="https://oeclass.aua.gr/eclass/courses/4851/">https://oeclass.aua.gr/eclass/courses/4851/</a>		

### 2. LEARNING OUTCOMES

Learning Outcomes
<p>The specific course deals with the principles that govern the formulation of environmental policy as well as the principles of the environmental economics of agri-food businesses. It studies the tools of analysis, the principles of demand and cost, economic efficiency, and the techniques developed by economists to help make environmental decisions. It also discusses current environmental policy developments as well as their evaluation criteria. It also examines international environmental issues: global climate change, the economics of international environmental agreements, globalisation, economic development and the environment.</p> <p><b>The aim of the course is:</b></p> <ul style="list-style-type: none"> <li>to provide knowledge regarding the principles of environmental policy making as well as environmental economics.</li> <li>for students to understand of how research is conducted and applied in this sector of the economy. In particular, how environmental policies are constructed and implemented in an interdisciplinary context.</li> <li>to provide students with the ability to evaluate environmental issues and policies.</li> <li>to provide insight into the decision-making process in environmental issues.</li> </ul> <p><b>Upon successful completion of the course the student will be able to:</b></p> <ul style="list-style-type: none"> <li>• conduct research in this sector of the economy.</li> <li>• evaluate environmental issues and policies.</li> <li>• apply tools and techniques related to relevant decision-making and environmental policy evaluation.</li> <li>• to be a valuable researcher / worker for bodies that manage energy and the environment.</li> </ul>

### General Competences

- Search for, analysis and synthesis of data and information by the use of appropriate technologies
- Adapting to new situations
- Decision-making
- Individual/Independent work
- Group/Team work
- Development of free, creative and inductive thinking

### 3. SYLLABUS

- Introduction to Environmental Economics – Basic concepts
- Benefits and Costs, Supply and demand
- Markets, Externalities, and Public Goods
- Pollution Control Model-Damage Functions
- Cost-benefit analysis
- Cost-benefit analysis: The benefits
- Benefit-cost analysis: The costs
- Analysis of Environmental Policy
- Global Environmental Issues

### 4. TEACHING and LEARNING METHODS - EVALUATION

<b>DELIVERY</b>	Face -to-face,Distance learning													
<b>USE OF INFORMATION and COMMUNICATIONS TECHNOLOGY</b>	<ul style="list-style-type: none"> <li>• Support of the learning process through the AUA Open eClass platform of the University (Integrated Electronic Course Management System)</li> <li>• Support of the lectures using presentation software</li> <li>• Use of audiovisual material</li> <li>• Use of Internet applications</li> </ul>													
<b>TEACHING METHODS</b>	<table border="1"> <thead> <tr> <th style="text-align: center;"><i>Activity</i></th> <th style="text-align: center;"><i>Work Load</i></th> </tr> </thead> <tbody> <tr> <td>Lectures (direct)</td> <td style="text-align: center;">65</td> </tr> <tr> <td><i>Independent Study</i></td> <td style="text-align: center;">58</td> </tr> <tr> <td><i>Advisory support</i></td> <td style="text-align: center;">0,5</td> </tr> <tr> <td><i>Exams</i></td> <td style="text-align: center;">2</td> </tr> <tr> <td><i>Course Total</i> <i>(Approximately 25 hours of workload per credit unit 125.5)</i></td> <td style="text-align: center;"><b>125.5 h</b></td> </tr> </tbody> </table>		<i>Activity</i>	<i>Work Load</i>	Lectures (direct)	65	<i>Independent Study</i>	58	<i>Advisory support</i>	0,5	<i>Exams</i>	2	<i>Course Total</i> <i>(Approximately 25 hours of workload per credit unit 125.5)</i>	<b>125.5 h</b>
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<p align="center"><b>STUDENT PERFORMANCE EVALUATION</b></p>	<p>The evaluation process is in the language that the course is taught (Greek or English) and consists of optional written exam during the semester (weighting factor 30%)  Evaluation criteria: correctness, completeness, clarity  The exam syllabus is listed on the AUA Open eClass platform.</p>	

## 5. ATTACHED BIBLIOGRAPHY

### ***Suggested Bibliography in Greek Language:***

- Field, B.C and Field, M. (2020). Οικονομικά του Περιβάλλοντος. Εκδόσεις: Broken Hill Publishers
- Harris Jonathan M., Roach Brian, Καμπάς Αθανάσιος (Επιστ. Επιμέλεια) (2023). Οικονομικά του Περιβάλλοντος και των Φυσικών Πόρων, 5η Έκδοση, Έκδοση: 5η/2023. (Εκδότης): ΕΚΔΟΣΕΙΣ Α. ΤΖΙΟΛΑ & ΥΙΟΙ Α.Ε.
- Σέμος, Α. (2010), “Αγροτική Πολιτική”, Θεσσαλονίκη: Ζήτη.
- Σπάθης, Π., Παπαγεωργίου, Κ. & Δαμιανός Δ. (2015), “Αγροτική Πολιτική”, Αθήνα: Σταμούλης.

### ***Suggested Bibliography in English Language:***

- Field, B.C and Field, M. (2020). Environmental Economics. Εκδόσεις: McGraw Hill

### **Related academic journals:**

- American Journal of Agricultural Economics
- European Review of Agricultural Economics
- Journal of Agricultural Economics
- Agricultural Economics
- Journal of Agricultural and Resource Economics
- Agricultural and Resource Economics Review
- Journal of Agricultural & Applied Economics
- Environment and Development Economics
- International Review of Environmental and Resource Economics
- Review of Environmental Economics and Policy
- Economics of Energy and Environmental Policy
- Environmental Economics and Policy Studies