

## COURSE LAYOUT

### 1. GENERAL

<b>SCHOOL</b>	SCHOOL OF APPLIED ECONOMIC AND SOCIAL SCIENCES		
<b>DEPARTMENT</b>	AGRICULTURAL ECONOMICS AND RURAL DEVELOPMENT		
<b>STUDY LEVEL</b>	Undergraduate		
<b>COURSE CODE</b>	31791	<b>SEMESTER</b>	8
<b>COURSE TITLE</b>	RESOURCE ECONOMICS		
<b>INDEPENDENT TEACHING ACTIVITIES</b>		<b>WEEKLY TEACHING HOURS</b>	<b>ECTS</b>
LECTURES and PRACTICAL EXERCISES		5	5
<b>COURSE TYPE</b>	Scientific area, Skill Development		
<b>PREREQUISITES</b>	Microeconomics, Introduction to water resources management		
<b>LANGUAGE</b>	ENGLISH		
<b>IS THE COURSE OFFERED for ERASMUS STUDENTS?</b>	YES		
<b>COURSE WEB PAGE</b>	<a href="https://openeclass.aua.gr/courses/AOA139/">https://openeclass.aua.gr/courses/AOA139/</a>		

### 2. LEARNING OUTCOMES

<b>Learning Outcomes</b>
<p>This course is the main course dealing with the economic analysis and management of natural resources. The course aims to introduce students to the basic concepts of optimal/rational exploitation of natural resources and the corresponding methodologies. The course provides a basis for understanding specific natural resource management techniques and how they are applied to specific categories of natural resources (renewable and non-renewable natural resources). Also, the concept of sustainable development is scrutinized its genealogy is examined and a functional definition is given. A student after completing the classes will be able to:</p> <ul style="list-style-type: none"> <li>- Explain what is meant by "tragedy of the commons", and comment on successful examples of rational management of the commons.</li> <li>- Understand what it means by over-exploit natural resources (over-fishing, over-pumping, etc.).</li> <li>- Apply methodologies and techniques for the rational management of natural resources.</li> </ul>
<b>General Competences</b>
<ul style="list-style-type: none"> <li>▪ - Decision-making</li> <li>▪ - Working in an interdisciplinary environment</li> <li>▪ - Autonomous work</li> </ul>

### 3. COURSE CONTENT

<ul style="list-style-type: none"> <li>i. i. Introduction to Natural Resource Economics.</li> <li>ii. Introduction to Natural Resource Management.</li> <li>iii. Economics of Fisheries.</li> <li>iv. Forest Economics.</li> <li>v. Economics of Water Resources.</li> <li>vi. Economics of non-renewable natural resources</li> <li>vii. Sustainable development and Green Growth.</li> </ul>
--

#### 4. TEACHING and LEARNING METHODS - Evaluation

<b>TEACHING METHOD</b>	Face to face classes.	
<b>USE OF INFORMATICS and COMMUNICATION TECHNOLOGIES</b>	Use of special software for presentations.	
<b>TEACHING ORGANISATION</b>	<i>Activity</i>	<i>Work Load</i>
	Lectures	45
	Assignments	10
	Essays	25
	Presentations	10
	Debate-Role Playing	10
	Personal study	30
	<i>Course total (25 hours of student work loadper ECTS)</i>	125
<b>STUDENTS EVALUATION</b>	Course evaluation comprise the following 1. Final exams on critical theoretical issues (20%) 2. Assignments (20%) 3. Essays (40%) 4. Debate (20%)	

#### 5. BIBLIOGRAPHY

##### Textbook

Harris, J., Roach, B., 2022. Environmental and Natural Resource Economics: A Contemporary Approach. Routledge, New York.

##### Related Journals

##### 1) Environmental and Resource Economics

ISSN: 0924-6460 (print version), ISSN: 1573-1502 (electronic version)

##### 2) Journal of Environmental Economics and Management

ISSN: 0095-0696

##### 3) Environmental Economics and Policy Studies

ISSN: 1432-847X (print version) ISSN: 1867-383X (electronic version)