

<b>General Information</b>	
Academic subject	Environmental Economics (SSD SECS P / 02)
Degree course	Master's Degree Program in Business Strategy and Management
Curriculum	
ECTS credits	6 CFU
Compulsory attendance	No
Language	Italiano

<b>Subject teacher</b>	Name Surname	Mail address	SSD
	Alessandro Rubino	alessandro.rubino@uniba.it	SECS P / 01

<b>ECTS credits details</b>			
Basic teaching activities	Economic Policy	SECS P / 02	6 CFU

<b>Class schedule</b>	
Period	II semester
Year	2021/2022
Type of class	Lecture- workshops

<b>Time management</b>	
Total Hours	150
In-class study hours	48
Out-of-class study hours	102

<b>Academic calendar</b>	
Class begins	21 February 2022
Class ends	3 June 2022

<b>Syllabus</b>	
Prerequisites/requirements	Basic Economics (Istituzioni di Economia Politica)
Expected learning outcomes (according to Dublin Descriptors) (it is recommended that they are congruent with the learning outcomes contained in A4a, A4b, A4c tables of the SUA-CdS)	<p><i>The course provides the basic concepts of economics and management of natural resources, and the analytical tools needed to make these concepts operational. The course presupposes the skills acquired in the course of Basic Economics.</i></p> <ul style="list-style-type: none"> <li><i>Knowledge and understanding: the course in Economics of Natural Resources provides for the acquisition of general and specific knowledge related to the theory of the economy of renewable natural resources (with particular reference to the case of marine resources and forests) and non-renewable (fossil fuels, mineral resources), as well as an adequate deepening of management policies, the state of these resources and trends in the quantitative and qualitative conditions of their stock.</i></li> <li><i>Applied knowledge and understanding: the student will have gained the basic knowledge necessary to operate within entrepreneurial and public contexts active in the sectors of the production of goods and services related to exploitation, price definition and management of natural resources and the environment. The student will also be able to deal with the analysis of the causes underlying the current state and trends in the stocks of renewable and non-renewable natural resources, as well as the evaluation of possible policies for a rational and sustainable management of natural resources.</i></li> <li><i>Making judgements: a capacity for critical evaluation of the problems related to environmental exploitation and ecological transition and in the evaluation of policies related to their management is required. The debate on the scarcity of natural resources, the implications for economic development and growth, and future scenarios</i></li> </ul>

	<p><i>includes very different currents of thought and visions. Students will have to be able to critically process the information acquired according to interdisciplinary interpretations and acquire an autonomous ability to discuss and critically evaluate the different arguments in the field.</i></p> <ul style="list-style-type: none"> <li>• <i>Communication skills: a good ability to present the knowledge acquired through the presentation of a written report on a topical issue agreed with the teacher is required. Students will have to demonstrate the acquisition of a correct vocabulary and to possess the ability to discuss the essential contents of the subject in a clear and mature way. The drafting of a written in-depth work on one of the topics covered by the course will also allow to refine and consolidate the ability to structure, elaborate and communicate their knowledge in the format of a technical-economic report/short essay.</i></li> <li>• <i>Learning skills: the aim of the course is to develop the student's learning skills, combining theories and practices on the issues of natural resources and climate change. Students will be able to deal with the study of advanced textbooks, reports and materials related to environmental phenomena and policies produced by governments, environmental protection agencies and international organizations. The in-depth work in a group will offer an opportunity to experiment and consolidate forms of participatory and interactive learning and team work skills.</i></li> </ul>
Contents	<p>The course consists of lectures that focus on the following topics:</p> <ol style="list-style-type: none"> <li>1. Introduction to sustainability</li> <li>2. Fundamental principles of the economy of natural resources</li> <li>3. Methods and applications</li> <li>4. Advanced topics in Environmental Economics</li> </ol>
Course program	<ol style="list-style-type: none"> <li>1. Introduction to natural resources and environmental economics;</li> <li>2. The origins of the sustainability problem;</li> <li>3. Economics of well-being and the environment;</li> <li>4. Pollution control: objectives and tools;</li> <li>5. Cost-benefit analysis;</li> <li>6. Enhancement of the environment;</li> <li>7. The efficient and optimal use of natural resources;</li> <li>8. The theory of optimal resource extraction: non-renewable resources;</li> <li>9. Problems of pollution of stocks;</li> <li>10. Renewable resources;</li> <li>11. International environmental agreements.</li> </ol>
Bibliography	<ul style="list-style-type: none"> <li>• Musu, Introduzione all'economia dell'ambiente. Il Mulino, 2020.</li> <li>• Turner R.K., Pearce D.W., Bateman I. (2015): Economia ambientale, Bologna, Il Mulino.</li> <li>• Tom Tietenberg, Economia dell'ambiente 2006 - McGraw-Hill Education</li> </ul> <p>Slides and lecture notes Case studies and exercises</p>
Notes	
Teaching methods	<p>Lectures, project work exercises, and the possibility of inviting experts for testimonies and analysis in the classroom of concrete cases (to be confirmed)</p> <p>Talks by experts and multimedia projections will be programmed in addition to the hours of lectures.</p>
Assessment methods (indicate at least the type written, oral, other)	<p><i>The expected learning outcomes will be evaluated through a written test that includes open questions and multiple choice questions. The time available to answer the proposed questions is 1:30 hours.</i></p> <p><i>In addition to the written exam, students will be offered a group work of bibliographic research, to focus on some current topics agreed with the teacher.</i></p>

	<i>Evaluation of the exercises carried out in class and of any group work activities planned during the course</i>
Evaluation criteria (Explain for each expected learning outcome what a student has to know, or is able to do, and how many levels of achievement there are.	The evaluation criteria are: i. the level of mastery of knowledge, ii. the degree of articulation of the answer, iii. ability to synthesize. Students not attending For non-attending students, a complete oral exam will be held concerning the topics covered during the lessons and the case studies discussed in the classroom..
Further information	