Corso di Studio Magistrale in Strategia d'Impresa e Management
2024 - 2025
Natural Resource Economics

General information	
Year of the course	*2nd Year*
Academic calendar (starting and ending date)	*II semester (17-02-2025 -30-05-2025)*
Credits (CFU/ETCS):	6
SSD	*SECS P/02*
Language	*Italian*
Mode of attendance	*Optional attendance*

Professor/ Lecturer	
Name and Surname	*Rubino Alessandro*
E-mail	*alessandro.rubino@uniba.it*
Telephone	
Department and address	*Ionian Department in "Legal and Economic Systems of the Mediterranean: society, environment, cultures" – Economics Headquarters*
Virtual room	*TEAM Code sunwjkm*
Office Hours (and modalities: e.g., by appointment, on line, etc.)	Monday (13:00-14:00) or on digital platform upon reservation with the teacher

Work schedule			
Hours			
Total	Lectures	Hands-on (laboratory, workshops, working groups, seminars, field trips)	Out-of-class study hours/ Self-study hours
150	*48*	*Within the 48 hours (6CFU x 8 hours) of frontal teaching, seminars, workshops and exercises are planned. These activities are to be understood as an integral part of the course.*	*102*
CFU/ETCS			
150	*48*		

Learning Objectives	*The course aims to offer the basic concepts of economics and management of natural resources, and the analytical tools necessary to make them operational.* *The course in Economics of Natural Resources provides for the acquisition of general and specific knowledge related to the theory of economics of renewable natural resources (with 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 stocks. The student is required to acquire a good ability to expose the knowledge obtained and will have to demonstrate the property of language and the ability to expose the essential contents of the subject in a clear and mature way.*
Course prerequisites	Basic Economics

Teaching strategie	*Lectures (assisted by exercises)*
Expected learning outcomes in terms of	
Knowledge and understanding on:	○ 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
Applying knowledge and understanding on:	○ 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
Soft skills	• *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 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.* • *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 essayCapacities to continue learning* ○ *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 teamwork skills*.
Syllabus	
Content knowledge	*The course consists of lectures that focus on the following topics:* *1. Introduction to sustainability* *2. Fundamental principles of the economy of natural resources* *3. Methods and applications* *4. Advanced topics in Environmental Economics*
Texts and readings	*Musu, Introduzione all'economia dell'ambiente. Il Mulino, 2020.* • *Turner R.K., Pearce D.W., Bateman I. (2015): Economia ambientale, Bologna, Il Mulino.*

	• *Tom Tietenberg, Economia dell'ambiente 2006 - McGraw-Hill Education*
Notes, additional materials	Slides and lecture notes; case studies and exercises will be provided by the teacher
Repository	*Specific TEAM classroom*

Assessment	
Assessment methods	*The exam is written and consists of multiple choice questions, of an open-ended questions, and a question that requires the resolution of exercises.* *The student will have to answer the questions with terminological properties and will have to demonstrate the ability to analyze and reason using the theoretical tools presented in the course. Will have to demonstrate that they have acquired the meaning of specialized terms and techniques for analyzing economic problems*
Assessment criteria	*The evaluation criteria are:* *1. the level of mastery of knowledge,* 2. *the degree of articulation of the responses,* 3. *Synthesis skills.*
Final exam and grading criteria	*The vote is expressed in thirtieths.* *The score of the various exam questions is explained in the assignment.* *Cum laude is granted when the final written exam presents a quality of the answers such as to deduce the ability to understand and discuss specialized articles-published in specialized scientific journals (even if not formalized).*
Further information	
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