



UNIVERSITY OF BASILICATA STUDIES
DEPARTMENT OF MATHEMATICS, INFORMATICS AND
ECONOMICS

COURSE: Natural Resources Economics – Module 1

ACADEMIC YEAR: 2019-2020

TYPE OF EDUCATIONAL ACTIVITY: Characterizing

TEACHER: Salvia Rosanna

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website:

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phone: 0971 205411

mobile (optional):

Language: Italian

ECTS:	n. of hours:	Campus: Potenza	Semester: II
4	28	Dept./School: Mathematics, Computer Science and Economics	
		Program: Business Economics	

EDUCATIONAL GOALS AND EXPECTED LEARNING OUTCOMES

Knowledge and understanding skills: Basic knowledge of the main notions and methodological categories for the

analysis of natural resources and their interaction with the economy.

Ability to apply knowledge and understanding: Students will be able to analyse the main dynamics between natural

resources and socio-economic structure and to evaluate the different strategic options for a sustainable use of the

resources.

Independent judgement: Students will develop thinking and reasoning skills on the theoretical and practical topics discussed in the classroom. The analysis of real cases will perfect the students' ability to analyze and propose solutions.

Communication skills: By the end of the course, students must demonstrate knowledge of the developed topics, by employing an appropriate language and making the subject's keywords their own.

Learning skills: Students will refine the ability to learn concepts with a strong multidisciplinary character. The acquisition of skills related to the main concepts of the economics of natural resources and of some analytical tools necessary to make these abilities operational will be promoted. Students will know how to deal with complex problems by learning the theoretical concepts and refining their analytical skills.

PRE-REQUIREMENTS

It is recommended to have acquired and assimilated the knowledge provided by the courses in Political Economy (Microeconomics) and Mathematics.

SYLLABUS

Economy-environment dynamics

Environmental impacts of human activities

The debate on the Anthropocene

Sustainable development: sustainability; theoretical and methodological developments; limits of the definition

The Sustainable Development Goals: The 2030 Agenda for Sustainable Development

The European agenda and the Italian agenda for sustainable development

Ecosystem services

TEACHING METHODS

Theoretical lessons, Discussions on case studies.

EVALUATION METHODS

Intermediate written test / Oral examination

For students attending the course there are two written tests (one intermediate and one at the end of the course) with the possibility of integrating the evaluation with an oral examination. Each written test includes 10 closed-ended questions, 2 open-ended questions and 1 exercise. Only those who have passed the first test with a score equal or above 18/30 are admitted to the second written test. The final grade is given by the average of the scores reported in the two tests. Passing only the first test implies the necessity to take the oral exam. For all the others and for attending students who do not pass the written tests during the course, there will be an oral exam based on the discussion of 3 topics covered during the course.



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TEXTBOOKS AND ON-LINE EDUCATIONAL MATERIAL

Raworth Kate (2017). L'economia della ciambella - Sette mosse per pensare come un economista del XXI secolo.
Edizioni Ambiente

Supplementary materials provided by the teacher

INTERACTION WITH STUDENTS

Office hours: appointment arranged via e-mail.

The teacher will be available at all times for communication with students through his own e-mail.

EXAMINATION SESSIONS (FORECAST)¹

SEMINARS BY EXTERNAL EXPERTS YES NO

FURTHER INFORMATION

¹ Subject to possible changes: check the web site of the Teacher or the Department/School for updates.