



UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Green Economy Policy - 1

2021-1-F7701M127-F7701M128M-T1

Learning objectives

The environmental economics module aims to transfer knowledge of the main drivers of EU environmental policy to students, which will lead to a significant change in the EU production structure. The two main guidelines on which the course is developed concern the economic-industrial analysis of sustainable development and fight against climate change policies and circular economy policies and the efficient use of natural resources. With reference to sustainability policies, the course aims to provide students with the tools to understand the main policies for containing climate-changing gas emissions by analyzing economic and industrial policy tools. The aim of the module is to understand the benefits of the policies adopted, the risks in terms of industrial competitiveness, the manufacturing sectors and the opportunities for industrial growth deriving from the development of the green economy sectors. With reference to the circular economy objectives, the course focuses on the main tools adopted for the efficient use of natural resources and the effects of these policies on the productive and industrial fabric. The course also provides elements of analysis of energy markets in relation to the objectives of reducing fossil fuels, the incremental use of renewable energy resources and energy efficiency. Finally, the course provides market analysis tools for waste management as well as strategies for the reduction, recycling and reuse of waste in a circular economy perspective.

Contents

The first part of the course aims to connect the industrial economic analysis tools to the environmental economic analysis tools. To better understand the environmental economic analysis tools, it is important that the student addresses the framework and the structure of the objectives of the European Green New Deal with a precise focus of the main components of the policy guidelines for reducing emissions (ETS Effort Sharing) to the 2030 and 2050. The third part of the course provides the elements of economic analysis for the management of environmental policies from a theoretical economic point of view. The fourth part of the course focuses on the new lines of development of the energy markets within the new decarbonisation processes. The fifth part considers the effects on the competitiveness of the production system and the opportunities for industrial development

Detailed program

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Prerequisites

Student should have passed standard courses in microeconomics and business economics

Teaching methods

Frontal lessons. In the case of taking emergency COVID lessons in asynchronous mode

Assessment methods

Final written exam consisting of 2 open questions each of 15 points. The supplementary oral exam is not provided except in particular needs for further checks.

Textbooks and Reading Materials

Turner, Pearce, Bateman "Economia Ambientale" il Mulino 2003

Perman et al " Natural resource and environmental economics" Addison-Wesley 4th Edition 2011

Phaneuf D.J., Requate T. "A course in Enviromental Economics" Cambridge University Press 2019

Other material will be provided by the teacher

Semester

II Semestre

Teaching language

Italian
