



STUDY PROGRAMME

ECO + EEIB + ECO-ELEA + ECO-EPPA

ACADEMIC YEAR

2022 - 2023

SEMESTER

2nd

COURSE TITLE

ECONOMICS OF EU ENVIRONMENTAL POLICY AND CLIMATE CHANGE POLICY

COURSE PROFESSOR

MARC BAUDRY

COURSE ASSISTANT

GIOVANNI BARDONE

NATURE OF COURSE (COMPULSORY, OPTIONAL)

OPTIONAL

LANGUAGE OF INSTRUCTION

ENGLISH

ECTS CREDITS

4.5

1. COURSE OBJECTIVE

The objective of the course is to provide students with a good command of the concepts of environmental economics and their application in the framework of European policies. Emphasis is placed on the analysis of corrective policies, whether in terms of taxation or in terms of tradable permits market (EU-ETS), on the specificities of "green" innovation, as well as on international issues, in connection with questions of competitiveness and international negotiations on climate change.

2. LEARNING OUTCOMES

At the end of this course, students will be able to

- Define how to balance pollution damages and gains inherent to pollution from an economic point of view, whether in a static context or a dynamic context;
- Assess the efficiency and redistributive pros and cons of environmental taxation *versus* tradable permits;
- Describe the peculiarities of "green" innovation and comment on policies that aim at fostering this kind of innovation in the context of transition to a low-carbon economy;
- Take a position on the trade-off between competitiveness and environmental regulation in an international context;
- Identify the main economic factors governing European environmental policy with a focus on the EU-ETS regulation and related policies included in the European Green Deal.

The learning outcomes for this course tie in with the following learning outcomes for the European



Economic Studies programme:

- Describe, explain and illustrate core economic theory surrounding European policies;
- Use economic theory to assess current problems and policies;
- Think innovatively and provide constructive analytical commentary as well as potential recommendations on the evolution of the EU and its possible future development;
- Recognise the importance of empirical foundation for knowledge acquisition and evidence-based policies and use quantitative techniques and other empirical methods to evaluate theoretical knowledge;
- Be autonomous in the preparation and review of materials for the courses as well as in their completion of assignments bearing different requirements in terms of methodology, workload and evaluation of the final work;
- Demonstrate knowledge of the European Union' institutions, competences and substantive principles;
- Recognise, analyse, explain and critique economic developments and economic policies in Europe;
- Acquire a strong knowledge of broader social and political conditions and developments in Europe.

3. COURSE CONTENTS

The course is organised around main topics. An indicative list of these topics is

- Fundamentals in environmental economics
- The EU-ETS as a case study
- "Green" innovation policies
- Balancing competitiveness and environmental regulation
- Economic analysis of international negotiations on climate change

The exact number of topics studied will be adjusted to the time constraint.

4. TEACHING METHOD(S)

Lectures and class participation

5. COURSE MATERIAL

The presentation support for each subject is made available to students in partial form before the session. Students can read it in order to prepare for the session. The presentation support will be completed during the session. Key references from academic literature are provided so that students who wish to go further into the subject can do it.

6. EVALUATION

The evaluation will 100% be based on a closed-book written exam, three hours in length. The closed-book exam will consist of two or three questions, and a comment on several press articles or basic academic articles.

The resit exam will consist of a closed-book exam making up 100% of the grade.