
CURSO: Graduação em Economia
DISCIPLINA: Laboratório de dados econômicos
PROFESSOR(ES): Sophie Mathes
CARGA HORÁRIA: 30 horas
PRÉ-REQUISITO: Microeconomics
HORÁRIO E SALA DE ATENDIMENTO: Monday, 11am-1pm
SALA: Zoom Meeting
<https://fgv-br.zoom.us/j/97342202510?pwd=MUtsdWdTRkx5SEF0MXVOcmZROFBCdz09>
Meeting ID: 973 4220 2510
Passcode: 144030

PLANO DE ENSINO

1. Ementa

Environmental economics:

Theory of externalities, climate change, pollution and health, value of a statistical life (VSL), emission regulation, non-market valuation

2. Objetivos da disciplina

The objective of this course is to introduce students to important research questions of the field of environmental economics, and to present the tools to approach these questions.

3. Objetivos centrais de aprendizagem

At the end of the class, the student will be able to identify different research questions of environmental economics and to outline the research methods used to answer these questions.

4. Relação da disciplina com o debate contemporâneo

Empirical analyses are fundamental for testing results of economic theory, and to evaluate public policy to aid decision-making of policy makers. Environmental economic theory and empirical analysis can guide the understanding of the trade-offs that shape the possibilities of policy making.

5. Procedimentos de ensino (metodologia)

The class will be based on a textbook, and supplemented with the study of peer reviewed research articles in the field of environmental economics. Students will solve problem sets and read and present assigned research papers.

6. Conteúdo programático detalhado

Datas	Tópico	Atividades
14.02.	Theory of Externalities	
21.02.	Historical examples of pollution	Problem set
07.03.	Pollution and Health	Present
14.03.	Theory of Policy – Model damages and cost	
21.03.	Theory of Policy – policy instruments	Problem set
28.03.	Climate Change	
04.04.	Climate Change	Present
11.04.	A1 – Exam 1	
25.04.	Policy Design – Imperfect information	
02.05.	Policy Design – Imperfect competition	Problem set
09.05.	Emission regulation	
16.05.	Emission regulation	Present
23.05.	Institutional topics	
30.05.	Non-market valuation – Property value models	
06.06.	Non-market valuation – Discrete choice models	Present
13.06.	A2 – Exam 2	
20.06.	Value of a Statistical Life (VSL)	
27.06.	Cost-benefit analysis	
04.07.	AS – Present research proposals	Proposals

7. Procedimentos de avaliação

Students will be evaluated based on their solution to problem sets, their summaries of papers assigned for reading, the exams AS1 and AS2, and their presentation of assigned papers. Instead of a final exam, students will write a research proposal and present them in class.

8. Bibliografia Obrigatória

Phaneuf and Requate: A Course in Environmental Economics (2016)

9. Bibliografia Complementar

10. Minicurrículo do(s) Professor(s)

Possui doutorado em Economia pela Arizona State University (2020). Atualmente é Professora assistente do Fundação Getúlio Vargas. Tem experiência na área de economia ambiental, de saúde, e de economia urbana.

10. Link para o Currículo Lattes

<http://lattes.cnpq.br/2075183927669685>