
CURSO: Graduação em Ciências Econômicas
DISCIPLINA: Environmental Economics
PROFESSOR(ES): Sophie Mathes
CARGA HORÁRIA: 30 horas
PRÉ-REQUISITO: Microeconomia I
HORÁRIO E SALA DE ATENDIMENTO: Friday, 7.30-10.50h
SALA:

PLANO DE ENSINO

1. Ementa

Environmental economics: Externalities, pollution, health. Design of environmental policy. Valuation, revealed preference, sorting. Value of a statistical life. Energy pricing and generation.

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
09.04	Economics and the environment Theory of externalities. Problems and policy issues	Problem set
16.04.	Imperfect information, competitive output markets	Present
23.04.	Environmental policy with pre-existing distortions	Problem set
30.04.	Institutional topics in cap-and-trade programs	Present
07.05.	Ambient pollution control, and innovation and adoption of new technology	Problem set
14.05.	Valuing the environment Revealed preference models, discrete choice models. Value of a statistical life	Present
21.05.	Property value models, stated preference models	Present
28.05.	Cost-benefit analysis	Present
04.06.	Energy generation and pricing	Present

7. Procedimentos de avaliação

Students will be evaluated based on their solution to problem sets, their summaries of papers assigned for reading, and their presentation of assigned papers. A research proposal can be submitted for extra credit.

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 saúd, e de economia urbana.

10. Link para o Currículo Lattes

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