

- Faculté des sciences économiques
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Environmental and Resource Economics (5ER2023)

Filières concernées	Nombre d'heures	Validation	Crédits ECTS
Master en économie appliquée	Cours: 2 ph	Voir ci-dessous	3

ph=période hebdomadaire, pg=période globale, j=jour, dj=demi-jour, h=heure, min=minute

Période d'enseignement:

- Semestre Printemps

Equipe enseignante

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Contenu

This course gives an overview and provides an introduction to sustainable development and the methods of economic analysis for environmental issues. Concepts, models and their applications to pollution control and global environmental problems such as climate change are discussed.

Forme de l'évaluation

2-hour written exam during the exam session at the end of the semester (100%).

Retake: 2-hour written exam during the exam session (100%).

No documents or connected objects are allowed during the exams. Any violation of these rules will be considered as fraud, leading to the withdrawal of unauthorized items and possibly exam failure.

Documentation

- Perman, Roger, Michael Common, James McGilvray and Yue Ma, Natural Resource and Environmental Economics, Addison-Wesley, 4th edition, 2012.
- Additional readings provided during lectures and made available on Moodle

Pré-requis

Students have to be familiar with basic microeconomic concepts and statistical techniques.

Forme de l'enseignement

2-hour lecture

Objectifs d'apprentissage

Au terme de la formation l'étudiant-e doit être capable de :

- Recognise the main possibilities and problems related to economic policy in environmental economics
- Apply abstract analytical frameworks to real-world issues
- Identify and take into account key particularities of environmental economics
- Judge the value added, limitations and caveats of approaches
- Employ an interdisciplinary approach to environmental problems
- Differentiate relevant from non-relevant information
- Recommend instruments for policy making
- Synthesise and discuss research papers in class
- Assimilate relevant information from papers
- Evaluate existing theories and empirical evidence

Compétences transférables

URLs	1) https://moodle.unine.ch/course/view.php?id=2751
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- Apply knowledge to new situations