

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

Filières concernées	Nombre d'heures	Validation	Crédits ECTS
<b>Master en économie appliquée</b>	<b>Cours: 2 ph</b>	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

Prof. Nicole A. Mathys  
Institute of Economic Research,  
Rue A.-L. Breguet 2, CH-2000 NEUCHÂTEL  
tél: +41 58 462 55 60  
email: [Nicole.Mathys@gmail.com](mailto:Nicole.Mathys@gmail.com)

### 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

Face-to-face modality:

- 2h written exam during the exam session at the end of the semester (100%)
- No documents or connected objects allowed. Any violation of these rules will be considered as fraud, leading to the withdrawal of unauthorized items and possibly exam failure.
- Retake: ditto

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Remote modality:

- 1h written exam on Moodle test during the exam session at the end of the semester (100%)
- Open book
- Retake: ditto

### 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

URLs	1) <a href="#">tba</a>
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### **Environmental and Resource Economics (5ER2023)**

- Synthesise and discuss research papers in class
- Assimilate relevant information from papers
- Evaluate existing theories and empirical evidence

#### **Compétences transférables**

- Apply knowledge to new situations

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