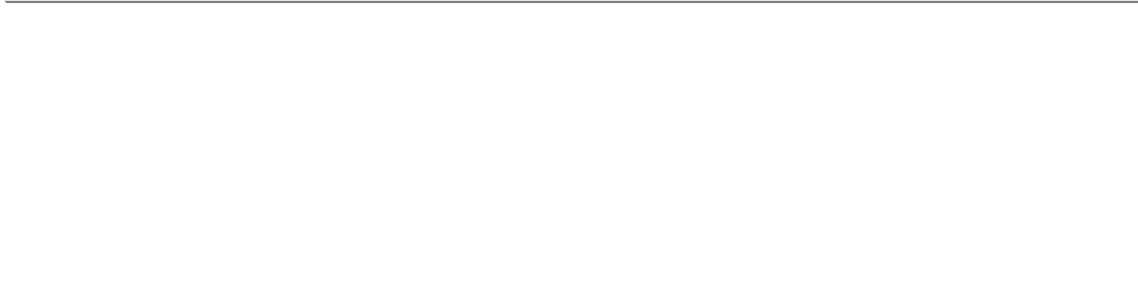




ENVI2MC
2024 - 2025

Interdisciplinary Advanced Master in Science and Management
of the Environment and Sustainable Development



ENVI2MC - Introduction

Introduction

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The Specialization Master in science and management of the environment and sustainable development trains graduates able to dialogue (to understand and to be understood) with experts from different disciplines involved in the management of environmental issues and sustainable development (economics, environmental sciences, ethical, societal and technical aspects in a systemic approach), and with all stakeholders. The master prepares them to make decisions and to take action to solve problems in the fields of environment and sustainable development. This training therefore entails a solid teaching sweeping covering all aspects related to natural sciences related to the environment, as well as economics, social, demographic, legal and political aspects, all related to the environment.

				Year	
				1	2
⌘ LMAT1271	Calculation of probability and statistical analysis	Rainer von Sachs	 [q2] [30h+30h] [6 Credits]  > English-friendly	x	x

⌘ Anglais

2 crédits minimum parmi les unités d'enseignement suivantes. Les étudiants-es qui n'ont pas de dispense de cours d'anglais DOIVENT contacter le Professeur d'anglais AU DEBUT DU 1E QUADRIMESTRE pour déterminer le cours le plus adapté à leur situation. A priori, le choix 00 -1 0 44.9000015 fera dans l'ordre la T Jted stpossitu adi-ds Ao40 soitseieJ 1 0 0 situaner ls adapt LANGL1000..007 23.200001 m 69.94cm

				Year	
				1	2
○ LENVI2002	Seminars in environmental science and management	Philippe Baret Hubert Bedoret (compensates Philippe Baret) Anne-Laure Jacquemart (coord.) Jean-Pierre Raskin Valérie Swaen	FR [q1] [15h] [2 Credits]	x	
○ LENVI2101	Societies, populations, environment, development: issues and interdisciplinary approaches	Martin Colla (compensates Caroline Nieberding) Nathalie Frogneux (coord.) Julie Hermesse Jean-Pierre Raskin	FR [q1] [45h] [6 Credits]	x	
○ LENVI2099	Projet personnel de fin d'études		FR [q1+q2] [] [15 Credits]		x
○ LENVI2199	Work placement	Dimitri Lederer	FR [q1 or q2] [15h] [30 Credits]		x

⊗ **Unités d'enseignement au choix :**

Les crédits des unités d'enseignement au choix viendront compléter le total des crédits des unités d'enseignement obligatoires pour atteindre au moins 120 crédits. Les étudiant-es peuvent choisir librement les unités d'enseignement proposés ci-dessous (attention aux horaires!). Les étudiant-e-s sont responsables de s'assurer qu'ils-elles disposent bien des bases nécessaires pour suivre les cours qu'ils-elles choisissent.

⊗ **Activités en approches sociétales de la transition**

⊗ LBIR2050	Challenges of sustainable development and transition	Valentin Couvreur Nathalie Delzenne Valérie Swaen (coord.)	FR [q2] [30h] [5 Credits]	x	x
⊗ LBRAI2210	Microeconomics of Development	Frédéric Gaspart	FR [q1] [30h] [3 Credits] > French-friendly	x	x
⊗ LBRAT2103	Sociology of the actors and the rural territories				



⌘ LMAPR2001A	Project "chemical & materials engineering for a sustainable future"	
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Year

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⌘ Un cours au choix parmi les deux suivants :

⌘ LDEMO2610	Populations and health	Bruno Masquelier	PK [q1] [30h] [5 Credits] 🌐	X	X
⌘ WFSP2238P	Advanced epidemiology (UCLouvain)	Niko Speybroeck	PK [q2] [20h+16h] [4 Credits] 🌐	X	X

⌘ Activités d'intégration professionnelle et de diversification

Les étudiant-es qui voudraient suivre d'autres unités d'enseignement en lien avec l'environnement et le développement durable peuvent en faire la proposition au coordinateur.

○ LBIR2004	Masters Internship	Damien Debecker (coord.) Xavier Draye Anne-Laure Jacquemart	PK [q2] [20h] [10 Credits] 🌐 > English-friendly	X	X
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The programme's courses and learning outcomes

For each UCLouvain training programme, a [reference framework of learning outcomes](#) specifies the the skills expected of every graduate on completion of the programme. Course unit descriptions specify targeted learning outcomes, as well as the unit's contribution to reference framework of learning outcomes.

ENVI2MC - Information

Access Requirements

In the event of the divergence between the different linguistic versions of the present conditions, the French version shall prevail.

Decree of 7 November 2013 defining the landscape of higher education and the academic organization of studies.

The admission requirements must be met prior to enrolment in the University.

Unless explicitly mentioned, the bachelor's, master's and licentiate degrees listed on this page are to be understood as those issued by an institution of the French, Flemish or German-speaking Community, or by the Royal Military Academy.

In the event of the divergence between the different linguistic versions of the present conditions, the French version shall prevail.

SUMMARY

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A mastery of the French language of level B1 ([Common European Framework of reference for languages](#)).

1. Students holding a master's degree obtained in a country belonging to the European Union

a/ The following three criteria must be met simultaneously:

- the average grade for master's classes must be at least 70% (14/20);
- the grade for the final project (thesis/dissertation/internship) must be at least 70% (14/20);
- the final project (thesis/thesis/internship) of at least 15 credits must be the subject of a report and defence (viva) before a jury.

b/ These criteria may be waived on the basis of duly attested significant professional or personal experience.

2. Students holding a master's degree obtained in a country outside the European Union

a/ The following three criteria must be met simultaneously :

- the average grade for master's classes must be at least 75% (15/20);
- the grade for the final project (thesis/dissertation/internship) must be at least 75% (15/20);
- the final project (thesis/thesis/internship) of at least 15 credits must be the subject of a report and defence (viva) before a jury.

b/ These criteria may be waived on the basis of duly attested significant professional or personal experience.

- Commission de programme - Master Bioingénieur-Chimie et bioindustries ([BIRC](#))
- Commission de programme - Master Bioingénieur-Sciences & technologies de l'environnement ([BIRE](#))
- Commission de programme - Bachelier en sciences de l'ingénieur, orientation bioingénieur ([CBIR](#))
- Commission de programme interfacultaire en Sciences et gestion de l'environnement ([ENVI](#))
- Fermes universitaires de Louvain ([FERM](#))

Academic supervisor: [Patrick Gerin](#)

Jury

- Président de jury: [Quentin Ponette](#)

Useful Contact(s)

- Conseiller aux études: [Patrick Gerin](#)

