

At Louvain-la-Neuve - 120 credits - 2 years - Day schedule - In FrenchDissertation/Graduation Project : **YES** - Internship : **YES**Activities in English: **optional** - Activities in other languages : **NO**Activities on other sites : **NO**Main study domain : **Sciences**Organized by: **Faculty of bioscience engineering (AGRO)**Programme acronym: **ENVI2M** - Francophone Certification Framework: 7**Table of contents**

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ENVI2M - Introduction

Introduction

Programme structure

The interfaculty nature of the Master means that a significant part of the programme includes courses organized by different partner faculties.

The programme is structured as follows :

1. students from different backgrounds will follow introductory courses which will enable them to acquire a foundation in disciplines they have not studied before. Students must take all these activities to qualify for the Master degree : exemptions may be given for subjects already studied and previous results. If more than 21 credits are lacking, students will have to complete a preparatory year before they can enter the Master programme.
2. a block of compulsory group activities : 7 credits
3. a professional focus including 30 credits for compulsory activities
4. an option or a block of optional subjects : the option programme must include a minimum of 15 credits and a maximum of 30. It is possible to select a mixed programme of activities. However, it is compulsory to take at least 15 credits for activities within a single option if this option is to be mentioned in the supplement to the degree certificate. Failing this, there will be no specific reference to a particular option : the supplement will merely list the optional subjects taken.
5. a professional work placement, ideally done outside the university: 30 credits
6. a final piece of individual work (report on the professional work placement) : 15 credits
7. optional activities enabling students to supplement their programme, depending on any exemptions they may have been granted.

To recap :

1. Core subjects (total : min. 52 credits and max. 75 credits)
 - work placement (*) : 30 credits
 - individual final projet (*) : 15 credits
 - compulsory group activities (*) : 7 credits
 - basic activities : 21 credits maximum
 - optional activities : 15 credits
2. Professional focus (*) : 30 credits
3. Option courses or optional subjects :
 - Option course: 15 credits minimum (*) and 30 credits maximum.
 - Optional subjects : 15 credits minimum (*).

(*) Compulsory activities

Each individual programme must always be approved by the programme coordinator.

ENVI2M Programme

Detailed programme by subject

CORE COURSES

Une mise à niveau dans les différentes disciplines de base (Tronc commun) Le master ENVI est conçu pour des étudiants venant de différents horizons (sciences et technologies, sciences humaines, sciences médicales) qui n'ont pas nécessairement acquis toutes les notions de base importantes en sciences de l'environnement et du développement durable. Pour leur garantir une formation de base adéquate, le tronc commun comprend un ensemble de cours de mise à niveau dans les disciplines de base (cours de niveau bachelier). Une formation de base dans chacune de ces disciplines doit avoir été obligatoirement suivie pour obtenir le diplôme de master. Des dispenses sont accordées en fonction des cours déjà suivis par l'étudiant dans le cadre de son diplôme universitaire précédent et des résultats obtenus.

- Mandatory
 - ⌘ Optional
 - △ Not offered in 2024-2025
 - ⊙ Not offered in 2024-2025 but offered the following year
-

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Year

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⌘ **Sociology: one course to be chosen**

Le cours LPSP1007 est recommandé.

⌘ LPOLS1121	Sociologie du comportement politique	Nicolas Bocquet (compensates Benoît Rihoux)	EX [q2] [22.5h] [4 Credits] 🌐	X	X
⌘ LPSP1007	Sociology: education, health and work	Marc Zune	EX [q1] [30h] [3 Credits] 🌐	X	X
⌘ LDROI1221	Introduction to Sociology	Nicolas Bocquet (compensates Benoît Rihoux) John Cultiaux (compensates Laura Merla)	EX [q1] [45h] [3 Credits] 🌐	X	X

⌘ **Geography: one course to be chosen**

L'étudiant peut éventuellement choisir d'autres activités de Géographie en fonction des prérequis dont il dispose.

Year

LDVLP2320	Anthropology of development and environment	Emmanuelle Piccoli	PK [q1] [30h] [5 Credits]	1	2
				x	x

⌘ Philosophie des sciences de la nature: une activité au choix parmi les intitulés suivants:

LFILO2003E	Ethics in the Sciences and technics (sem)		PK [q2] [15h+15h] [2 Credits]	x	x
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PROFESSIONAL FOCUS [30.0]

Un coeur de formation interdisciplinaire, spécifique et original (Finalité spécialisée) Un ensemble de cours, dédiés aux sciences environnementales et aux approches interdisciplinaires de gestion des problématiques environnementales et du développement durable. Ces cours sont rassemblés dans le tronc commun obligatoire et dans la finalité spécialisée. Un stage réalisé en milieu professionnel, à l'extérieur de l'université, amenant les étudiants à mettre en pratique leur formation théorique dans des situations concrètes, en s'intégrant et en apportant leur contribution à l'équipe des professionnels de l'institution d'accueil (entreprise, bureau d'étude, ONG, administration publique,...) pour résoudre les problématiques environnementales auxquelles ils sont confrontés. Un projet personnel de fin d'études, correspondant à la rédaction d'un rapport sur le stage professionnel.

- Mandatory
- ⊗ Optional
- △ Not offered in 2024-2025
- ⊙ Not offered in 2024-2025 but offered the following year
- ⊕ Offered in 2024-2025 but not the following year
- △ ⊕ Not offered in 2024-2025 or the following year
- Activity with requisites
- 🌐 Open to incoming exchange students
- 🚫 Not open to incoming exchange students
- [FR] Teaching language (FR, EN, ES, NL, DE, ...)

[Click on the course title to see detailed informations \(objectives, methods, evaluation...\)](#)

Year

1 2

o Content:

o Problématique générale de l'environnement

○ LENVI2010	Public strategies for sustainable development	Thomas Pardoen Benoît Rihoux Valérie Swaen (coord.)	[FR] [q1] [15h] [2 Credits] 🌐	X
○ LENVI2002	Seminars in environmental science and management	Philippe Baret Hubert Bedoret		

OPTIONS

Une option et/ou un ensemble de cours au choix (Options)

L'étudiant dispose d'une grande liberté pour compléter le cœur de sa formation (voir TC et FS) par le choix des cours qui l'intéressent dans un ensemble de cours facultatifs du tronc commun et de cours proposés au sein de différentes options. Il est possible de panacher un programme de cours parmi ces options. Il est cependant nécessaire de prendre au moins 15 crédits d'activités dans une seule et même option pour que celle-ci figure dans le supplément au diplôme. Dans le cas contraire, aucune référence à une option ne sera mentionnée dans le supplément au diplôme, qui indiquera simplement la liste des cours au choix qui ont été suivis.


- > [Option 1 : Industry and Environment](#) [en-prog-2024-envi2m-lenvi201o]
 - > [Option 2 : Agriculture and Environment](#) [en-prog-2024-envi2m-lenvi202o]
 - > [Option 3: Land Development and Environnement](#) [en-prog-2024-envi2m-lenvi203o]
 - > [Option 4: Public Administration and Environment](#) [en-prog-2024-envi2m-lenvi204o]
 - > [Optional Courses](#) [en-prog-2024-envi2m-lenvi206o]
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Year

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⌘ **Activité en climat: état, pression et réponses**

Le cours PHY2153 peut également être suivi en partie pour 3 crédits.

⌘ LPHYS2162	Introduction to the physics of the climate system and its modelling	Hugues Goosse Francesca Ragone	EN [q1] [22.5h+22.5h] [5 Credits]  > French-friendly	X	X
⌘ LENVI2005	Climate change: impacts and solutions				

OPTION 2 : AGRICULTURE AND ENVIRONMENT

- Mandatory
- ✘ Optional
- △ Not offered in 2024-2025
- ⊖ Not offered in 2024-2025 but offered the following year
- ⊕ Offered in 2024-2025 but not the following year
- △ ⊕ Not offered in 2024-2025 or the following year
- Activity with requisites
- 🌐 Open to incoming exchange students
- 🌐 Not open to incoming exchange students
- (FR) Teaching language (FR, EN, ES, NL, DE, ...)

[Click on the course title to see detailed informations \(objectives, methods, evaluation...\)](#)

From 15 to 30credit(s)

Year

1 2

OPTIONAL COURSES

- Mandatory
- ⊗ Optional
- △ Not offered in 2024-2025
- ⊖ Not offered in 2024-2025 but offered the following year
- ⊕ Offered in 2024-2025 but not the following year
- △ ⊕ Not offered in 2024-2025 or the following year
- Activity with requisites
- 🌐 Open to incoming exchange students
- 🌐 Not open to incoming exchange students
- (FR) Teaching language (FR, EN, ES, NL, DE, ...)

Click on the course title to see detailed informations (objectives, methods, evaluation...)

From 15 to 30credit(s)

Year

1 2

o Content:

⊗ Activité d'enrichissement personnel

Les étudiants peuvent effectuer un stage supplémentaire. Ce stage fait partie intégrante du programme et ne fera l'objet ni de crédits ni d'évaluation. Cette activité est couverte par l'assurance de l'université.

⊗ LBIR2001

Course prerequisites

There are no prerequisites between course units (CUs) for this programme, i.e. the programme activity (course unit, CU) whose learning outcomes are to be certified and the corresponding credits awarded by the jury before registration in another CU.

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.

ENVI2M - Information

Access Requirements

Master course admission requirements are defined by the French Community of Belgium Decree of 7 November 2013 defining the higher education landscape and the academic organisation of courses.

General and specific admission requirements for this programme must be satisfied at the time of enrolling at the university.

Unless explicitly mentioned, the bachelor's, master's and licentiate degrees listed in this table or 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

- > [General access requirements](#)
- > [Specific access requirements](#)
- > [University Bachelors](#)
- > [Non university Bachelors](#)
- > [Holders of a 2nd cycle University degree](#)
- > [Holders of a non-University 2nd cycle degree](#)
- > [Access based on validation of professional experience](#)
- > [Access based on application](#)
- > [Admission and Enrolment Procedures for general registration](#)

Specific access requirements

L'étudiant doit avoir obtenu au moins 70% des points ou une mention équivalente lors de l'obtention du diplôme qui lui permet d'accéder au master. En outre, son dossier de candidature sera soumis à l'approbation de la commission de gestion du programme.

University Bachelors

Diploma	Special Requirements	Access	Remarks
UCLouvain Bachelors			
Titre inconnu:lchim1ba		Access based on application	
Others Bachelors of the French speaking Community of Belgium			
#prog:intitulé:Lmath1ba#		Access based on application	
Bachelors of the Dutch speaking Community of Belgium			
		Access based on application	
Foreign Bachelors			
		Access based on application	

Non university Bachelors

> Find out more about [links](#) to the university

Holders of a 2nd cycle University degree

Diploma	Special Requirements	Access	Remarks
"Licenciés"			
		Direct access	
Masters			
		Direct access	En principe, les masters de tous les domaines.



Teaching method

The programme for the Master in Science and Environmental Management includes a group of courses which are designed to provide students with basic knowledge of the different disciplines involved in the management of environmental problems and sustainable development. A significant proportion of the courses are organized by different partner faculties. In this way, courses are given by specialists from each discipline.

The training programme particularly focuses on encouraging students to use their knowledge and skills, through different kinds of individual and group work and also through a large-scale exercise (ENVI 2101, 9 credits) in which students gather evidence about the many different aspects of a real environmental problem they are faced with: they have to become negotiators of technical, socio-economic and institutional solutions between all the involved parties.

Finally, the professional work placement provides a break from academic training, allowing students to put their knowledge and skills into practice to find solutions to real environmental issues.

Evaluation

The evaluation methods comply with the [regulations concerning studies and exams](#). More detailed explanation of the modalities specific to each learning unit are available on their description sheets under the heading "Learning outcomes evaluation method".

Examinations for each activity. The precise form is outlined, where necessary, in the relevant course specification.

Mobility and/or Internationalisation outlook

There is an active exchange agreement with the University of Sherbrooke (Quebec, Canada).

The programme has traditionally welcomed international students.

Possible trainings at the end of the programme

Academic supervisor: [Patrick Gerin](#)

Jury

- Président de jury: [Charles Bielders](#)

Useful Contact(s)

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

