

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)

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o Acti

obligatoires

Pour 5:

o LEM	ent	Dimitri Lederer	EB [q1 or q2] [15h] [30 Credits]		X
o LEM	nel de fin d'études		EB [q1+q2] [] [15 Credits]		X
o LES	and Global Economy	Bert Willems	EB [q2] [30h] [5 Credits]		X

o Uni

mi les intitulés suivants :

⊗ LE...ez201	Human and environmental toxicology	Cathy Debier	EB [q1] [30h+7.5h] [5 Credits] > French-friendly		X
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o Mandatory subjects

Rem 1: L'étudiant(e) doit choisir un cours dans chacune des disciplines suivantes, s'il(elle) n'a pas réussi dans sa formation universitaire antérieure un cours qui aura été jugé équivalent, sachant que le total des crédits de son programme devra atteindre 120 crédits pour l'ensemble du master. Ce choix devra être soumis à l'approbation du coordinateur du programme. Rem 2: L'étudiant(e) veillera à s'assurer qu'il/elle dispose des bases nécessaires pour suivre les activités choisies.

⊗ Biology: one course to be chosen

Certaines des activités proposées pourront être suivies en partie.

⊗ LBIO1114	Introduction to biology	Patrick Dumont	EB [q2] [30h+7.5h] [3 Credits]		X	X
⊗ LPSP1005	General biology, including elements of human genetics	François Chaumont Patrick Dumont Charles Hachez	EB [q1] [30h] [4 Credits]		X	X

⊗ Chemistry: one course to be chosen

Certaines des activités proposées pourront être suivies en partie.

⊗ LBIR1140	Chimie générale 1	Pierre Delmelle (coord.) Charles-André Fustin Michel Ghislain (coord.)	EB [q1] [30h+30h] [6 Credits]		X	X
⊗ LFSM1101	General chemistry and biomolecules	Patrick Henriet	EB			

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) *Thierry Hance*

Year
1 2

o **Content:**

⊗ **Activités en pollution**

⊗ LBIRE2105	Assessment of water - soil - air quality	Yannick Agnan (coord.) Philippe Maetz Xavier Rollin	(FR) [q1] [30h+0h] [3 Credits] 🌐	X	X
⊗ LMAPR2647	Sustainable treatment of industrial and domestic waste: Fundamentals	Olivier Françoisse Patricia Luis Alconero Olivier Noiset Benoît Stenuit	(FR) [q1] [30h+15h] [5 Credits] 🌐 > French-friendly	X	X

⊗ **Activités en agriculture et écologie**

⊗ LBOE2166	Lutte biologique	Claude Bragard Thierry Hance	(FR) [q2] [12h+24h] [3 Credits] 🌐	X	X
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Thierry Hance

OPTION 3: LAND DEVELOPMENT AND ENVIRONNEMENT

- Mandatory
 - ✘ Optional
 - △ Not offered in 2024-2025
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OPTIONAL COURSES

- Mandatory
- ⊗ Optional
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- ⊕ 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

Masters Internship

[FR] 🌐 🚫🌐

x x

Supplementary classes

To access this Master, students must have a good command of certain subjects. If this is not the case, in the first annual block of their Masters programme, students must take supplementary classes chosen by the faculty to satisfy course prerequisites.

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o Supplementary classes

Maximum 60 credit(s)

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 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.

Vu le caractère interdisciplinaire de ce master qui par ailleurs, est très largement accessible aux détenteurs d'un grade de master de tous les domaines, une partie du programme consiste en une liste de cours de base proposés au choix. En fonction du grade de master dont il est porteur et des éventuelles dispenses qui pourront lui être octroyées, l'étudiant inscrira à son programme 0 à 21 crédits de cours repris dans cette liste. Ces cours feront bien sûr partie intégrante de son programme.

Holders of a non-University 2nd cycle degree

Access based on validation of professional experience

> It is possible, under certain conditions, to use one's personal and professional experience to enter a university course without having the required qualifications. However, validation of prior experience does not automatically apply to all courses. Find out more about [Validation of prior experience](#).

Access based on application

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Academic supervisor: [Patrick Gerin](#)

Jury

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