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Year

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⌘ LBIO1117

Ecology I

Renate Wesselingh

				Year	
				1	2
⊗ LMAT1271	Calculation of probability and statistical analysis	Rainer von Sachs	FR [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 se fera dans l'ordre de la liste proposée ci-dessous soit une priorité pour le cours LANGL1882.

⊗ LANGL1882	English : reading and listening comprehension of texts in Bioengineering	Amandine Dumont Ariane Halleux Sandrine Meirlaen (coord.) Anne-Julie Toubeau (coord.)	EN [q2] [30h] [2 Credits]	x	
⊗ LANGL1881	English : reading and listening comprehension of texts in Bioengineering	Charline Coduti (compensates Anne-Julie Toubeau) Ariane Halleux Sandrine Meirlaen (coord.) Yannick Paquin (compensates Anne-Julie Toubeau) Marine Volpe (compensates Amandine Dumont)	EN [q1] [30h] [2 Credits]	x	
⊗ LANG1861	English: reading and listening comprehension of scientific texts	Catherine Avery (coord.) Fanny Desterbecq Amandine Dumont (coord.) Marc Piwnik	EN [q2] [10h] [2 Credits]	x	
⊗ LANG1862	English: reading and listening comprehension of scientific texts	Ahmed Adriouèche (coord.) Catherine Avery Ariane Halleux (coord.) Adrien Kefer (compensates Amandine Dumont)	EN [q1] [30h] [2 Credits]	x	

### o Contenu : (88 credits)

#### o Pollution et environnement (11 credits)

o LB RTE2201	Human and environmental toxicology	Cathy Debier	FR [q1] [30h+7.5h] [4 Credits]  > French-friendly		
o LENVI2012	Environment Pollution	Yannick Agnan Patrick Gerin (coord.)	FR [q2] [45h] [3 Credits]		

#### o Economie et environnement (5 credits)

5 crédits à choisir parmi les deux unités d'enseignement suivantes :

⊗ LBIR1362	Environmental Economics	Frédéric Orlitzky	FR [q2] [14h] [2 Credits]		
⊗ LESPO2103	Environment and Global Economy	Frédéric Orlitzky	FR [q2] [14h] [2 Credits]		

#### o Droit et environnement (10 credits)

o LDROP2061	Sustainable Development Law	Robert Born	FR [q2] [30h] [5 Credits]	x	
o LDROP2063	Sectoral Environmental Law	Valérie Dupont Damien Jans	FR [q2] [30h] [5 Credits]	x	

#### o Gestion de l'environnement (5 credits)

o LENVI2010	Public strategies for sustainable development	Thomas Pardoën Benoît Rihoux Valérie DuSwae(coord.)			
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				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 Gaspard	EN [q1] [30h] [3 Credits] > French-friendly	X	X
⊗ LBRAT2103	Sociology of the actors and the rural territories	Yves Hanin	FR [q1] [30h] [3 Credits]	X	X
⊗ LENVI2006	Environmental sociology	Brendan Coolsaet	FR [q2] [15h+15h] [3 Credits]	X	X
⊗ LSOC2091	Sociology of the city: ecological approaches	Mathieu Berger	FR [q1] [30h] [5 Credits]	X	X

⊗ **Activités en analyse des situations environnementales**

⊗ LBIR1351	Introduction to systems analysis	Philippe Baret	FR [q1] [10h+20h] [3 Credits]	X	X
⊗ LBIRE2105	Assessment of water - soil - air quality	Yannick Agnan (coord.) Philippe Maetz Xavier Rollin	FR [q1] [30h+0h] [3 Credits]	X	X
⊗ LEPL1804	Sustainable development and transition	David Bol David Bol (compensates Hervé Jeanmart) Patricia Luis Alconero Patricia Luis Alconero (compensates Hervé Jeanmart) Xavier Marichal Xavier Marichal (compensates Hervé Jeanmart) Jean-Pierre Raskin Jean-Pierre Raskin (compensates Hervé Jeanmart)	FR [q1] [22.5h+15h] [3 Credits]	X	X
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LDEMO2610

Populations and health

## The programme's courses and learning outcomes

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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

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*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

- [General access requirements](#)
- [Specific access requirements](#)

### General access requirements

Translated from [https://www.galilex.cfwb.be/fr/leg\\_res\\_01.php?ncda=39681&referant=l02](https://www.galilex.cfwb.be/fr/leg_res_01.php?ncda=39681&referant=l02)

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](#)

