

Cycle view of the study programme

B1 Or Th Pr Au Cr

Compulsory courses (B1 : 60Cr, B2 : 25Cr)

Semester 1 at ULiège-Arlon

Socio-ecological issues: regulated sectors of the environment

ENVT0892-1	<i>Integrated energy management, particularly in the construction industry</i> - Deepak AMARIPADATH, N...	B1	Q1	28	12	-	4
ENVT3040-2	<i>Integrated and participative management of water resources</i> - Johan DEROUANE, Joost WELLENS	B1	Q1	24	16	-	4
ENVT3127-1	<i>Biodiversity and societies</i> - Dorothée DENAYER	B1	Q1	30	10	-	4
ENVT0893-1	<i>Air quality: Pressure - State - Response</i> - AnneClaude ROMAIN, Bernard TYCHON	B1	Q1	34	4	-	4
ENVT0894-1	<i>Environment (soil)</i> - Bernard TYCHON	B1	Q1	25	15	-	4

Cross-cutting approaches to environmental issues

ENVT0846-2	<i>Introduction to the Anthropocene</i> - N... - [6h FW, 4h SEM]	B1	Q1	20	-	[+]	2
ENVT0049-1	<i>System analysis applied to environment</i> - Deepak AMARIPADATH	B1	Q1	14	6	-	2
ECON0945-1	<i>Economie, énergie et environnement</i> - N...	B1	Q1	25	5	-	2
ENVT3054-2	<i>Methodological Approach to Environmental Science</i> - Marjorie BARDIAU, Léna CAUCHIE, Antoine DENIS - [4h Mon. WS]	B1	Q1	16	10	[+]	3

Semester 4

SMEM0042-1	<i>Dissertation</i> - COLLÉGIALITÉ, N...	B2	TA	-	-	-	25
------------	--	----	----	---	---	---	----

Semester 2 at Unilu

HULG2966-1	<i>Smart energy management</i>	B1	Q2	-	-	-	3
HULG2954-1	<i>Energy efficiency of buildings, part 1 and 2 & lab 1</i> (english language)	B1	Q2	-	-	-	7
HULG2957-1	<i>Thermodynamics</i> (english language)	B1	Q2	-	-	-	5
HULG2960-1	<i>Policy, assessment & evaluation of energy projects on European Level</i> (english language)	B1	Q2	-	-	-	3
HULG2962-1	<i>Transport Systems Analysis</i> (english language)	B1	Q2	-	-	-	4
HULG2963-1	<i>Sustainable Water and Resources Management</i> (english language)	B1	Q2	-	-	-	4
HULG2964-1	<i>Initiation to Project Work</i> (english language)	B1	Q2	-	-	-	2
HULG2965-1	<i>Circular economy in construction sector</i> (english language)	B1	Q2	-	-	-	3

Optional courses (B2 : 5Cr)

With the jury's agreement, choose one or more courses to support the dissertation for a total of 5 credits from: (B2 : 5Cr)

SSTG0154-1	<i>Internship</i> - COLLÉGIALITÉ, Joost WELLENS - [60h Internship]	B2	TA	-	-	[+]	5
ENVT1154-1	<i>Citizen service</i> - COLLÉGIALITÉ, N...	B2	TA	-	60	-	5

[...] by means of reinforcing specific skills, courses in the Masters in Environmental Sciences and Management

[...] or from another programme

Focus compulsory courses (B2 : 22Cr)

Semester 3 at ULiège-Arlon

Cross-cutting approaches to environmental issues

ENVT0040-2	<i>Transitions theory and management ecological transitions</i> - N... - [15h SEM]	B2	Q1	30	30	[+]	5
------------	--	----	----	----	----	-----	---

ENVT0897-1	<i>Introduction to environmental and health risks -</i> HenryMichel CAUCHIE, Pierre OZER - [6h SEM, 2d FW]	B2	Q1	24	12	[+]	5
------------	---	----	----	----	----	-----	---

Renewable energy and sustainable construction module

(Coordinator: N...)

ENVT0068-2	<i>Exploitation of renewable energy -</i> Deepak AMARIPADATH, Frédéric LEBEAU, N... - [0,5d FT]	B2	Q1	37	3	[+]	4
------------	--	----	----	----	---	-----	---

ENVT0072-2	<i>Project approach: theory and economic issues -</i> Deepak AMARIPADATH, N..., N...	B2	Q1	12	8	-	2
------------	---	----	----	----	---	---	---

ENVT0867-1	<i>Performance globale des bâtiments : aspects physiques, techniques, environnementaux et réglementaires -</i> Deepak AMARIPADATH	B2	Q1	20	20	-	6
------------	---	----	----	----	----	---	---

Focus optional courses (B2 : 8Cr)

In agreement with the jury and depending on your background, choose two of the 7 courses below: (B2 : 8Cr)

- Les cours ne seront organisés qu'à partir de 3 étudiants inscrits.

- Les horaires des 2 cours ENVT0069-2 et ENVT0904-1 peuvent ne pas être compatibles avec les 4 derniers cours de la liste ci-dessous (GEOL1031-2, ENVT3041-1, ENVT3029-1, ENVT0902-1)

ENVT0069-2	<i>Decentralised production and storage of energy -</i> N..., N..., Sébastien THOMAS	B2	Q1	30	10	-	4
------------	---	----	----	----	----	---	---

ENVT0904-1	<i>Simulation et expérimentation des systèmes énergétiques du bâtiment</i> - Deepak AMARIPADATH	B2	Q1	24	36	-	4
------------	--	----	----	----	----	---	---

ENVT0905-1	<i>Energy communities -</i> Deepak AMARIPADATH, Damien ERNST	B2	Q1	20	20	-	4
------------	--	----	----	----	----	---	---

GEOL1031-2	<i>Management of groundwater quantity and quality -</i> Serge BROUYÈRE, Philippe ORBAN - [1d FW]	B2	Q1	25	15	[+]	4
------------	---	----	----	----	----	-----	---

ENVT3041-1	<i>Analytical and decision-making tools for integrated management of water resources -</i> JeanFrançois DELIÈGE	B2	Q1	22	16	-	4
------------	---	----	----	----	----	---	---

ENVT3029-1	<i>Public policy and action -</i> Sébastien BRUNET, Sylvie MARIQUE, N...	B2	Q1	27	-	-	4
------------	--	----	----	----	---	---	---

ENVT0902-1	<i>Modelling atmospheric dispersion -</i> Fabian LENARTZ, N..., AnneClaude ROMAIN	B2	Q1	20	20	-	4
------------	--	----	----	----	----	---	---

Prerequisite :

ENVT0893-1 - Qualité de l'air : Pression - Etat - Réponse

En accord avec le jury et pour raisons dûment motivées, les cours repris dans la liste des 7 cours au choix de la finalité du Bloc 2 pourront être remplacés par des cours repris dans la liste des cours au choix du Bloc 1 ou par des cours choisis dans les programmes de cours d'autres filières de la Faculté des Sciences, d'autres facultés ou d'autres universités.

Bridging courses Master in environmental science and management (120 credits) - joint degree with Luxembourg

Depending on the student's previous training and with the agreement of the jury, choose courses for a maximum of 14 credits among the following : (B0 : 14Cr)

ENVT0060-1	<i>Introduction to environmental sociology, Part 1: Approaches in environmental sociology -</i> François MELARD	B0	Q1	8	8	-	2
------------	---	----	----	---	---	---	---

ECON0944-1	(pas organisé en 2026-2027) <i>Elements of economy for environmental sciences -</i> N...	B0	Q1	18	2	-	2
------------	--	----	----	----	---	---	---

ENVT0048-2	<i>Statistics applied to the environment: introduction to the statistical approach and aspects of univariate statistics -</i> Laurent LOOSVELDT	B0	Q1	15	15	-	3
------------	---	----	----	----	----	---	---

LANG2972-1	<i>English 1 - Level 1: reading English texts at level B2 (english language) -</i> Clara BRERETON, Kevin NOIROUX - [10h Mon. Read.]	B0	Q1	10	10	[+]	2
------------	---	----	----	----	----	-----	---

LANG2973-1	<i>English 2 - Level 1: reading scientific articles in English (english language)</i> - Clara BRERETON, Kevin NOIROUX - [10h Mon. Read.]	B0	Q2	10	10	[+]	2
ENVT0906-1	<i>Introduction to environmental chemistry</i> - Armélinda AGNELLO, Justin MARTIN	B0	Q1	20	4	-	2
ENVT0907-1	<i>Introduction to environmental biology</i> - Dorothée DENAYER, Célia JOAQUIMJUSTO	B0	Q1	10	4	-	2
ENVT0908-1	<i>Introduction to environmental physics</i> - Deepak AMARIPADATH	B0	Q1	14	6	-	2
ENVT0909-1	<i>Introduction to environmental thermodynamics</i> - Deepak AMARIPADATH	B0	Q1	14	6	-	2