Cycle view of the study programme

		Bl	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	*Integrated energy management, particularly in the construction industry* - Deepak AMARIPADATH, Maxime HABRAN	B1	Q1	28	12	-	**4**
ENVT3040-2	*Integrated and participative management of water resources* - Johan DEROUANE, Joost WELLENS	B1	Q1	24	16	-	**4**
ENVT3127-1	*Biodiversity and societies* - Dorothée DENAYER	B1	Q1	30	10	-	**4**
ENVT0893-1	*Air quality: Pressure - State - Response* - AnneClaude ROMAIN, Bernard TYCHON	B1	Q1	34	4	-	**4**
ENVT0894-1	*Environment (soil)* - Bernard TYCHON	B1	Q1	25	15	-	**4**
Cross-cutting approaches to environmental issues							
ENVT0846-2	*Introduction to the Anthropocene* - Aurore FRANSOLET - [6h FW, 4h SEM]	B1	Q1	20	-	[+]	**2**
ENVT0049-1	*System analysis applied to environment* - Deepak AMARIPADATH	B1	Q1	14	6	-	**2**
ECON0945-1	*Economy, energy and environment* - Pierre COPÉE, Jérome SCHOENMAECKERS	B1	Q1	25	5	-	**2**
ENVT3054-2	*Methodological Approach to Environmental Science* - Marjorie BARDIAU, Léna CAUCHIE, Antoine DENIS - [4h Mon. WS]	B1	Q1	16	10	[+]	**3**
Semester 4							
SMEM0042-1	*Dissertation* - COLLÉGIALITÉ, Joost WELLENS	B2	TA	-	-	-	**25**
Semester 2 at Unilu							
HULG2966-1	*Smart energy management*	B1	Q2	-	-	-	**3**
HULG2954-1	*Energy efficiency of buildings, part 1 and 2 & lab I* (english language)	B1	Q2	-	-	-	**7**
HULG2957-1	*Thermodynamics* (english language)	B1	Q2	-	-	-	**5**
HULG2960-1	*Policy, assessment & evaluation of energy projects on European Level* (english language)	B1	Q2	-	-	-	**3**
HULG2962-1	*Transport Systems Analysis* (english language)	B1	Q2	-	-	-	**4**
HULG2963-1	*Sustainable Water and Resources Management* (english language)	B1	Q2	-	-	-	**4**
HULG2964-1	*Initiation to Project Work* (english language)	B1	Q2	-	-	-	**2**
HULG2965-1	*Circular economy in construction sector* (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	*Internship* - COLLÉGIALITÉ, Joost WELLENS - [60h Internship]	B2	TA	-	-	[+]	**5**
ENVT1154-1	*Citizen service* - 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	*Transitions theory and management ecological transitions* -	B2	Q1	30	30	[+]	**5**

	RANSOLET - [15h SEM]						
ENVT0897-1	*Introduction to environmental and health risks* - HenryMichel CAUCHIE, Pierre OZER - [6h SEM, 2d FW]	B2	Q1	24	12	[+]	**5**

Renewable energy and sustainable construction module

(Coordinator: N...)

ENVT0068-2	*Exploitation of renewable energy* - Deepak AMARIPADATH, Vincent HANUS, Frédéric LEBEAU, N... - [0,5d FT]	B2	Q1	37	3	[+]	**4**
ENVT0072-2	*Project approach: theory and economic issues* - Deepak AMARIPADATH, Vincent HANUS, Abdelhamid KHEIRI, N..., N...	B2	Q1	12	8	-	**2**
ENVT0867-1	*Overall performance of buildings: physical, technical, environmental, and regulatory aspects* - 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)

- Courses will only be organised if at least three students are enrolled.
- The timetables of courses ENVT0069-2 and ENVT0904-1 may not be compatible with the last four courses in the list below (GEOL1031-2, ENVT3041-1, ENVT3029-1, ENVT0902-1).

ENVT0069-2	*Decentralised production and storage of energy* - Vincent HANUS, Olivier LOTTIN, N..., N..., Sébastien THOMAS	B2	Q1	30	10	-	**4**
ENVT0904-1	*Simulation and experimentation of building energy systems* - Deepak AMARIPADATH	B2	Q1	24	36	-	**4**
ENVT0905-1	*Energy communities* - Deepak AMARIPADATH, Damien ERNST	B2	Q1	20	20	-	**4**
GEOL1031-2	*Management of groundwater quantity and quality* - Serge BROUYÈRE, Philippe ORBAN - [1d FW]	B2	Q1	25	15	[+]	**4**
ENVT3041-1	*Analytical and decision-making tools for integrated management of water resources* - JeanFrançois DELIÈGE	B2	Q1	22	16	-	**4**
ENVT3029-1	*Public policy and action* - Sébastien BRUNET, Sylvie MARIQUE, N..., Patrick STEYAERT	B2	Q1	27	-	-	**4**
ENVT0902-1	*Modelling atmospheric dispersion* - Marie DURY, Fabian LENARTZ, AnneClaude ROMAIN **Prerequisite :** ENVT0893-1 - Qualité de l'air : Pression - Etat - Réponse	B2	Q1	20	20	-	**4**

With the approval of the Board of Examiners and for duly justified reasons, the courses chosen from the list of seven elective courses in Block 2 of the focus may be replaced by courses from the list of elective courses in Block 1, or by courses selected from the programmes of other degree courses within the Faculty of Science, other faculties or other universities.

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	*Introduction to environmental sociology, Part 1: Approaches in environmental sociology* - François MELARD	B0	Q1	8	8	-	**2**
ECON0944-1	(pas organisé en 2026-2027) *Elements of economy for environmental sciences* - Pierre COPÉE	B0	Q1	18	2	-	**2**
ENVT0048-2	*Statistics applied to the environment: introduction to the statistical approach and aspects of univariate statistics* - Laurent LOOSVELDT	B0	Q1	15	15	-	**3**

LANG2972-1	*English 1 - Level 1: reading English texts at level B2* (english language) - Clara BRERETON, Kevin NOIROUX - [10h Mon. Read.]	B0	Q1	10	10	[+]	**2**
LANG2973-1	*English 2 - Level 1: reading scientific articles in English* (english language) - Clara BRERETON, Kevin NOIROUX - [10h Mon. Read.]	B0	Q2	10	10	[+]	**2**
ENVT0906-1	*Introduction to environmental chemistry* - Armélinda AGNELLO, Justin MARTIN	B0	Q1	20	4	-	**2**
ENVT0907-1	*Introduction to environmental biology* - Dorothée DENAYER, Célia JOAQUIMJUSTO	B0	Q1	10	4	-	**2**
ENVT0908-1	*Introduction to environmental physics* - Deepak AMARIPADATH	B0	Q1	14	6	-	**2**
ENVT0909-1	*Introduction to environmental thermodynamics* - Deepak AMARIPADATH	B0	Q1	14	6	-	**2**