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* - Philippe ANDRE, Maxime HABRAN	B1	Q1	32	16	-	**4**
ENVT3040-2	*Integrated and participative management of water resources* - Johan DEROUANE, Joost WELLENS	B1	Q1	32	16	-	**4**
ENVT3127-1	*Biodiversity and societies* - Dorothée DENAYER - [12h Mon. WS]	B1	Q1	30	-	[+]	**4**
ENVT0893-1	*Air quality: Pressure - State - Response* - AnneClaude ROMAIN, Bernard TYCHON - [8h Vis.]	B1	Q1	32	8	[+]	**4**
ENVT0894-1	*Environment (soil)* - Bernard TYCHON - [8h FW]	B1	Q1	20	20	[+]	**4**
Cross-cutting approaches to environmental issues							
ENVT0846-2	*Introduction to the Anthropocene* - Pierre M. STASSART - [6h FW, 4h SEM]	B1	Q1	20	-	[+]	**2**
ENVT0049-1	*System analysis applied to environment* - Philippe ANDRE	B1	Q1	16	8	-	**2**
ECON0945-1	*Economy, energy and environment* - Nadia DE ZOTTI, HenryJean GATHON, Axel GAUTIER	B1	Q1	24	5	-	**2**
SPOL0382-2	*Foundations of environmental politicies/law* - Sylviane LEPRINCE	B1	Q1	27	9	-	**3**
Semester 4							
SMEM0042-1	*Dissertation* - COLLÉGIALITÉ	B2	TA	-	-	-	**25**
Semester 2 at Unilu							
HULG2954-2	*Energy efficiency of buildings, part 3 & lab 2* (english language)	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 : 35Cr)							
With the jury¿s agreement, choose one or more courses to support the dissertation for a total of 5 credits from: (B2 : 5Cr)							
ENVT0154-1	*Internship or civic service* - COLLÉGIALITÉ	B2	TA	-	60	-	**5**
[...]	by means of reinforcing specific skills, courses in the Masters in Environmental Sciences and Management						
[...]	or from another programme						
Single focus (B2 : 30Cr)							
Professional Focus (B2 : 30Cr)							
Semester 3 at ULiège-Arlon							
Cross-cutting approaches to environmental issues							
ENVT0040-2	*Transitions theory and management ecological transitions* - N...,	B2	Q1	30	30	[+]	**5**

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

ENVT0068-2	*Exploitation of renewable energy* - Philippe ANDRE, Manfred GREGER, Vincent HANUS	B2	Q1	32	16	-	**4**
ENVT0072-2	*Technical and economic analysis of energy systems : theory and project* - Philippe ANDRE, Manfred GREGER, Vincent HANUS, Abdelhamid KHEIRI, Olivier LOTTIN	B2	Q1	20	28	-	**4**
ENVT0069-2	*Decentralised production and storage of energy* - Vincent HANUS, Olivier LOTTIN	B2	Q1	30	18	-	**4**

With the jury¿s agreement and depending on the student¿s course, choose two courses from: (B2 : 8Cr)

ENVT0901-1	*Sizing and simulation of energy systems in the construction industry* - Philippe ANDRE	B2	Q1	24	24	-	**4**
ELEC0080-1	*Energy networks* *- Part 1: Electrical energy systems* - Damien ERNST *- Part 2: Heat networks* - Pierre DEWALLEF - [1d FW]	B2	Q1 24 6	 12 6	 - [+]		**4**
ENVT3059-2	*Energy optimisation in construction and integrating renewable energies* - Philippe ANDRE	B2	Q1	24	24	-	**4**
GEOL1031-2	*Management of groundwater quantity and quality* - Serge BROUYÈRE, Philippe ORBAN - [1d FW]	B2	Q1	24	20	[+]	**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, Patrick STEYAERT	B2	Q1	24	-	-	**4**
ENVT0073-1	*Agricultural production systems and food security* - Antoine DENIS, Pierre OZER, Bernard TYCHON	B2	Q1	20	20	-	**4**
ENVT0902-1	*Modelling atmospheric dispersion* - Marie DURY, Fabian LENARTZ, AnneClaude ROMAIN	B2	Q1	24	20	-	**4**

With the jur's agreement and for valid reasons, the courses in the Block 2 programme of the Master in environmental science and management (120 ECTS), with a specialised focus may be replaced by courses in Block 1 or by courses from other programmes.

Additional credits Master in environmental science and management (120 ECT) - joint degree with Luxembourg

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

ENVT0060-1	*Introduction to environmental sociology, Part 1: Approaches in environmental sociology* - François MELARD	B0	Q1	8	8	-	**2**
ECON0944-1	*Elements of economy for environmental sciences* - Pierre COPÉE	B0	Q1	18	5	-	**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* (english language) - Véronique DOPPAGNE, Kevin NOIROUX	B0	Q1	12	12	-	**2**
LANG2973-1	*English 2 - Level 1* (english language) - Véronique DOPPAGNE, Kevin NOIROUX	B0	Q2	12	12	-	**2**

ENVT0062-1	*Introduction to chemistry and environmental biology* - Armélinda AGNELLO, Célia JOAQUIMJUSTO, AnneClaude ROMAIN	B0	Q1	16	16	-	**4**
ENVT0896-1	*Introduction to environmental physics and thermodynamics* - Philippe ANDRE	B0	Q1	32	16	-	**4**