

Cycle view of the study programme

B1 Or Th Pr Au Cr

Compulsory course (B1 : 15Cr)

SMEM0024-1 *Final thesis* - COLLÉGIALITÉ B1 TA - - - 15

Optional themes modules (B1 : 45Cr)

With the approval of the Jury (cf. infra - notes), choose one of the thematic modules below, 6 ECTS may be replaced by other courses from the programme of Master in environmental management sciences with professional focus : (B1 : 15Cr)

Sustainable habitat and land

ENVT0867-1	<i>Environmental performance of buildings</i> (english language) - JeanMarie HAUGLUSTAINE, Stéphane MONFILS	B1	Q2	20	20	-	3
ENVT0019-2	<i>Energy balance and CO2 emissions on a building life-cycle</i> - Part 1 : <i>Buildings to be built</i> - Philippe ANDRE, JeanMarie HAUGLUSTAINE - Part 2 : <i>Existing buildings</i> - Philippe ANDRE, JeanMarie HAUGLUSTAINE	B1	Q2	20	20	-	4
SPOL2306-1	<i>Energy and territorial policies</i> - Part 1 : <i>European policies</i> - Maxime HABRAN, Quentin MICHEL - Part 2 : <i>Regional and local policies</i> - JeanMarie HAUGLUSTAINE, Stéphane MONFILS - Part 3 : <i>Prospective scenario</i> - Pierre M. STASSART	B1	Q2	9	9	-	3
ENVT3018-1	<i>Mobility and sustainable development</i> - Mario COOLS	B1	Q2	12	12	-	2
ARCH3257-1	<i>Spatial planning</i> - Christophe BREUER, JeanMarie HALLEUX	B1	Q2	14	24	-	3

Environment, risks and health

ENVT3016-1	<i>Environmental toxicology and health</i> - Part 1 : <i>Ecotoxicology and quantification of ecotoxicological risk</i> - Célia JOAQUIMJUSTO - Part 2 : <i>Environmental toxicology and health impacts</i> - Corinne CHARLIER	B1	Q2	24	18	-	6
ENVT3017-1	<i>Risk management and health</i> - Part 1 : <i>Introduction to risk management</i> - Catherine FALLON, Pierre OZER - Part 2 : <i>Microbiological risks</i> - HenryMichel CAUCHIE, Leslie OGORZALY, Christian PENNY	B1	Q2	24	24	-	6
ENVT0053-1	<i>Seminar - Health and environment issues</i> - N..., Nathalie SEMAL	B1	Q2	12	24	-	3

Notice : Replacement of classes from the modules above by other classes from the specialised Masters programme in Environmental Sciences and Management may lead to timetable clashes. Students are strongly requested only to continue with this replacement if their timetables are compatible.

[...] the compulsory courses in the programme of block 1 of the Master in environmental science and management, with a specialised focus (maximum 6 ECTS)

In agreement with the Jury, choose 30 course credits from one of the five modules below, 6 of which may be replaced by courses from the Master in environmental management sciences, professional focus : (B1 : 1Nbr)

Notice : If students later wish to follow a Masters 120, they cannot enrol for the focus corresponding to the 30 credits chosen.

Environmental monitoring

Choose courses totalling 30 ECTS out of the following :

ENVT0055-1	<i>Methodology and sampling</i> - AnneClaude ROMAIN	B1	Q1	24	12	-	3
ENVT3020-1	<i>Tools for measuring environmental parameters : hydrosphere, geosphere - Land contamination and degradation and biosphere -</i>	B1	Q1	32	28	-	6

Vincent DEBBAUT, Célia JOAQUIMJUSTO, Yves MARNEFFE

ENVT3021-1	<i>Tools for measuring environmental parameters : atmosphere</i> - Part 1 : Ambient air quality - AnneClaude ROMAIN - Part 2 : Odors from the environment - AnneClaude ROMAIN - Part 3 : Noise - JeanJacques EMBRECHTS - Part 4 : Ionizing and non ionizing radiations - Véronique BEAUVOIS, AnneSophie CARNOY	B1	Q1	24	12	-			7
ENVT3022-1	<i>Tools for measuring environmental parameters : energy flows</i> - Philippe ANDRE	B1	Q1	20	16	-			3
ENVT3023-1	<i>Information representation</i> - Part 1 : Indicators - AnneClaude ROMAIN - Part 2 : Identification of systems - Philippe ANDRE - Part 3 : Spatial information - Marie LANG, Julien MINET, Bernard TYCHON	B1	Q1	8	8	-			4
ENVT3024-1	<i>Environmental data processing</i> - JeanJacques BOREUX, AnneClaude ROMAIN	B1	Q1	24	24	-			4
ENVT3025-1	<i>Environment and health</i> - Part 1 : Indoor air quality - AnneClaude ROMAIN - Part 2 : Waterborne diseases - HenryMichel CAUCHIE, Leslie OGORZALY, Christian PENNY - Part 3 : Impact on human health - Martyna KUSKE	B1	Q1	8	8	-			3

[...] the compulsory courses in the programme of block 1 of the Master in environmental science and management, with a specialised focus (maximum 6 ECTS)

Societies-environments interfaces

Choose courses totalling 30 ECTS out of the following :

Science and Society

ENVT3026-1	<i>Social study of science and technology</i> - François MELARD - [24h SEM]	B1	Q1	12	-		[+]		4
ENVT3027-1	<i>Biodiversity management practices</i> - Dorothée DENAYER	B1	Q1	36	-				4
ENVT3028-1	<i>Citizen science</i> - François MELARD, Pierre M. STASSART - Suppl : Charlotte BREDA, Philippe CHAMARET	B1	Q1	36	-				4

Governance and sustainable development

ENVT3029-1	<i>Public policy and action</i> - Catherine FALLON, Patrick STEYAERT	B1	Q1	24	-				4
ENVT0040-2	<i>Transitions theory and management, Ecological transitions</i> - Pierre M. STASSART - Suppl : Audrey VANKEERBERGHEN - [12h SEM]	B1	Q1	24	-		[+]		4

Methodologies

ENVT3030-1	<i>Qualitative investigation techniques</i> - François MELARD, Nathalie SEMAL - [30h SEM]	B1	Q1	12	-		[+]		4
ENVT0021-2	<i>Field training : case studies</i> - Dorothée DENAYER, François MELARD, Pierre M. STASSART - Suppl : Corentin HECQUET - [12h SEM, 48h FW]	B1	Q2	9	-		[+]		6

[...] the compulsory courses in the programme of block 1 of the Master in environmental science and management, with a specialised focus (maximum 6 ECTS)

Developing countries

Choose courses totalling 30 ECTS out of the following :

ENVT2025-2	<i>Participatory environmental management</i> - Part A - Dorothée DENAYER, Alain HAMBUECKERS	B1	Q1	18	-				3
------------	-------------------------------------------------------------------------------------------------	----	----	----	---	--	--	--	----------

Angélique LÉONARD, AnneClaude ROMAIN

MECA0453-3	<i>Optimal use of energy in systems and processes</i> - - Suppl : Abdelhamid KHEIRI, Olivier LOTTIN	B1	Q1	21	21	-	3
ENVT3043-1	<i>Air conditioning in buildings</i> - Philippe ANDRE	B1	Q1	30	30	-	5
ENVT0874-3	<i>Renewable energies : technologies and project</i> - Philippe ANDRE, Manfred GREGER - Suppl : Olivier LOTTIN - [12h Mon. WS]	B1	Q1	48	48	[+]	9
ELEC0446-1	<i>Electrical energy systems</i> - Damien ERNST	B1	Q1	24	12	-	3

[...] the compulsory courses in the programme of block 1 of the Master in environmental science and management, with a specialised focus (maximum 6 ECTS)

In agreement with the jury and for specific reasons, courses in the Master's program in environmental science and management may be replaced by courses in other programs.

Additional ECTS Master in environmental science and management - organized in Arlon (60 ECTS)

Optional courses (B0 : 14Cr)

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)

ENVT3054-4	<i>Methodological Approach to Environmental Science</i> - Part 1: Analysis, expression and reflexivity - Vincent DEBBAUT, Ninfa GRECO, JeanMarie HAUGLUSTAINE, AnneClaude ROMAIN, Claude SCHEUREN - Partim 2 : Project - Vincent DEBBAUT, Ninfa GRECO, JeanMarie HAUGLUSTAINE, AnneClaude ROMAIN, Claude SCHEUREN - [36h Mon. WS]	B0	TA	24	24	-	8
ENVT3054-2	<i>Methodological Approach to Environmental Science, Partim 2 : Project</i> - Vincent DEBBAUT, Ninfa GRECO, JeanMarie HAUGLUSTAINE, AnneClaude ROMAIN, Claude SCHEUREN - [36h Mon. WS]	B0	Q2	-	12	[+]	4
LANG2972-1	<i>English 1</i> (english language) - Véronique DOPPAGNE, ISLV - Suppl : François PETIT	B0	Q1	12	12	-	2
LANG2973-1	<i>English 2</i> (english language) - Véronique DOPPAGNE, ISLV - Suppl : François PETIT	B0	Q2	12	12	-	2
ENVT3012-1	<i>Good practices in the laboratory and in the field : safety, hygiene, environment</i> - Vincent DEBBAUT, Alain HANSON	B0	Q1	16	8	-	2
ENVT3053-1	<i>Introduction to Social Science</i> - François MELARD	B0	Q1	12	12	-	2