

Cycle view of the study programme

B1 Or Th Pr Au Cr

Compulsory course (B1 : 16Cr)

SMEM0011-1 *Final thesis - COLLÉGIALITÉ* B1 TA - - - 16

Optional courses (B1 : 44Cr)

[...] Choose courses, with the approval of the Jury, totalling 32 credits among the first list :

First list

MATH0463-1	<i>Functional Analysis I</i> - JeanPierre SCHNEIDERS - [20h Mon. WS]	B1	Q1	30	10	[+]	8
MATH0209-3	<i>Measure Theory</i> - Samuel NICOLAY - [20h Mon. WS]	B1	Q1	30	10	[+]	8
INFO0213-2	<i>Automata and formal languages theory</i> - Michel RIGO - [20h Mon. WS]	B1	Q1	30	10	[+]	8
MATH0220-2	<i>Functions of complex variables</i> - JeanPierre SCHNEIDERS - [20h Mon. WS]	B1	Q2	30	10	[+]	8
MATH0464-1	<i>Differential geometry II</i> - Pierre LECOMTE - [20h Mon. WS]	B1	Q2	30	10	[+]	8
MATH0017-3	<i>Mathematical Logic and Set Theory</i> - Georges HANSOUL - [20h Mon. WS]	B1	Q1	30	10	[+]	8
MATH0465-1	<i>Algebraic Topology</i> - JeanPierre SCHNEIDERS - [20h Mon. WS]	B1	Q1	30	10	[+]	8
MATH0065-1	<i>Probability and statistics IV</i> (english language) - Yvik SWAN - [20h Mon. WS]	B1	Q2	30	10	[+]	8
MATH0489-1	<i>Lie algebra</i> - Pierre MATHONET - [20h Mon. WS]	B1	Q2	30	10	[+]	8

In agreement with the Jury, choose one module (12 credits) among : (B1 : 1Nbr)

Module : Mathematics (B1 : 12Cr)

MATH0483-2 *History of mathematics* - Georges HANSOUL - [20h Mon. WS] B1 Q2 20 - [+]

Choose one (several) course(s), with the approval of the Jury, totalling 8 credits among : (B1 : 8Cr)

[...] The first list of the second list

[...] Possibly, the programme of other masters

The second list

STAT0723-2	<i>Linear models</i> - - Suppl : Catherine TIMMERMANS - [20h Mon. WS]	B1	Q2	30	10	[+]	8
STAT0201-3	<i>Multivariate statistics</i> - Gentiane HAESBROECK - [20h Mon. WS]	B1	Q1	30	10	[+]	8
STAT0725-2	<i>Bayesian statistics</i> - Philippe LAMBERT - [20h Mon. WS]	B1	Q2	30	10	[+]	8
INFO0902-1	<i>Data structures and algorithms</i> - Pierre GEURTS - [40h Proj.]	B1	Q2	30	20	[+]	8
INFO0054-1	<i>Functional programming</i> - Pascal GRIBOMONT - [15h Proj.]	B1	Q2	30	25	[+]	8
ASTR0201-3	<i>Astronomy</i> - MarcAntoine DUPRET - [20h Mon. WS]	B1	Q1	30	10	[+]	8
PHYS0243-2	<i>Quantum Physics I</i> - Thierry BASTIN - [20h Mon. WS]	B1	Q1	30	10	[+]	8
PHYS0203-2	<i>Statistical physics</i> - Nicolas VANDEWALLE - [20h Mon. WS]	B1	Q2	30	10	[+]	8
SPAT0012-1	<i>General relativity, Part 1: Introduction</i> - Yves DE ROP	B1	Q1	20	-	-	2
SPAT0012-2	<i>General relativity, Part 2: Mathematics methods</i> - Yves DE ROP	B1	Q1	20	-	-	3
SPAT0012-3	<i>General relativity, Part 3: supplement</i> - Yves DE ROP	B1	Q2	20	-	-	3
SPAT0044-1	<i>Stellar Structure and evolution I</i> - MarcAntoine DUPRET	B1	Q1	20	20	-	4
SPAT0045-1	<i>Stellar structure and evolution II</i> - MarcAntoine DUPRET	B1	Q2	20	20	-	4

MECA0203-3	<i>Continuum Mechanics</i> - Pierre DAUBY - [20h Mon. WS]	B1	Q1	30	10	[+]	8
Module : Environmental Management (B1 : 12Cr)							
ENVT0034-1	<i>Environmental data management</i> - Philippe ANDRE, AnneClaude ROMAIN, Bernard TYCHON	B1	Q1	12	12	-	2
ENVT0013-3	<i>Assessment tools (impact assessment, LCA)</i> - Alain HANSON, Nathalie SEMAL	B1	Q2	12	12	-	2
ENVT3053-1	<i>Introduction to Social Science</i> - Michel DACCACHE	B1	Q1	12	12	-	2
ENVT3054-1	<i>Methodological Approach to Environmental Science, Part 1: Expression and reflexivity</i> - Philippe ANDRE, Vincent DEBBAUT, AnneClaude ROMAIN - Suppl : Fabien CLAUDE	B1	Q1	12	12	-	2
ENVT3054-2	<i>Methodological Approach to Environmental Science, Partim 2 : Project</i> - Philippe ANDRE, Vincent DEBBAUT, Ninfa GRECO, AnneClaude ROMAIN - Suppl : Fabien CLAUDE - [36h Mon. WS]	B1	Q2	-	12	[+]	4

Notice : Students who choose the two courses from the "Environmental Science and Management" module will have direct access to the 2nd year of the Masters in Environmental Science and Management, organised on the Arlon campus. The other students will also have access to the 2nd year of the Masters in Environmental Science and Management, provided they take courses corresponding to these 12 ECTS in addition to the 60 ECTS of this year of study.