

Cycle view of the study programme

		B1	Or	Th	Pr	Au	Cr
Compulsory courses (B1 : 30Cr)							
GEOL0301-1	<i>Cartography and geomodelling (personnal work) - HansBalder HAVENITH - [15d FW]</i>	B1	Q2	10	30	[+]	10
GEOL0268-2	<i>Introduction to Research - Annick ANCEAU</i>	B1	Q1	20	20	-	3
SMEM0021-1	<i>Final thesis - COLLÉGIALITÉ</i>	B1	TA	-	-	-	17

Optional courses (B1 : 30Cr)

Choose courses, with the approval of the Jury, totalling 30 credits among : (B1 : 30Cr)

Geology

Courses held in even years (2016-2017) :

GEOL0296-1	<i>Clays and environment - Nathalie FAGEL (Even years)</i>	B1	Q1	15	15	-	4
GEOL0263-1	<i>Astrobiology - Philippe CLAEYS, Véronique DEHANT, Moreno GALLEN, Emmanuelle JAVAUX, Yaël NAZÉ, Annick WILMOTTE (Even years)</i>	B1	Q2	30	15	-	5
GEOL0302-1	<i>Volcanology - Jacqueline VANDER AUWERA (Even years)</i>	B1	Q2	20	30	-	5
GEOL0223-1	<i>Complement of tectonics - Olivier BOLLE (Even years)</i>	B1	Q2	15	15	-	4
GEOL0306-1	<i>Techniques for extracting non-conventional hydrocarbons - Xavier LIMPENS (Even years)</i>	B1	Q1	15	-	-	3
GEOL0303-1	<i>Geomagnetism and environmental magnetism (english language) - AnneChristine DA SILVA (Even years)</i>	B1	Q2	15	5	-	3

Courses held in odd years (2015-2016) :

GEOL0224-2	<i>Paleoclimatology - Nathalie FAGEL - [1d FW] (Odd years)</i>	B1	Q1	15	15	[+]	4
GEOL1023-1	<i>Palynology - advanced course on Paleozoic spores - Philippe STEEMANS (Odd years)</i>	B1	Q2	30	-	-	4
GEOL0220-1	<i>Cainozoic Stratigraphy - Emile ROCHE (Odd years)</i>	B1	Q1	15	-	-	3
GEOL1030-1	<i>Meteoric palaeoweathering - Johan YANS - [1d FW] (Odd years)</i>	B1	Q2	12	12	[+]	3

Courses organised every year

GEOL0304-1	<i>Introduction to neotectonics, seismology and physical volcanology (english language) - HansBalder HAVENITH - [2d FW]</i>	B1	Q1	25	15	[+]	4
GEOL0297-1	<i>Diagenesis and dynamics of sedimentary basins - Frédéric BOULVAIN, AnneChristine DA SILVA</i>	B1	Q2	15	15	-	3
GEOL1022-2	<i>Evolution of the biosphere in the Precambrian - Emmanuelle JAVAUX</i>	B1	Q1	20	10	-	3
GEOL0099-1	<i>Phanerozoic biosphere evolution - Valentin FISCHER - [2d FW]</i>	B1	Q1	20	-	[+]	4
GEOL0305-2	<i>Paleoecology - N... - [1d FW]</i>	B1	Q1	20	-	[+]	3
GEOL0221-1	<i>Quaternary Palynology - Mona COURTPICON</i>	B1	Q2	15	15	-	4
GEOG0212-1	<i>Pedology - Gilles COLINET - [1d FW]</i>	B1	Q2	15	8	[+]	3
SPAT0027-4	<i>Climate change and impacts - Louis FRANÇOIS, Guy MUNHOVEN</i>	B1	TA	15	15	-	4
CLIM0009-1	<i>Biogeochemical cycle modelling and global changes - Louis FRANÇOIS</i>	B1	Q1	20	20	-	4
SPAT0054-1	<i>Astrophysics and astrochemistry - Michaël DE BECKER</i>	B1	Q2	15	5	-	3
GEOL0282-1	<i>Sedimentary and environmental geochemistry - Nathalie FAGEL</i>	B1	Q1	20	20	-	4
GEOL1039-2	<i>geological oceanography - Nathalie FAGEL - [1d FW]</i>	B1	Q1	20	20	[+]	4

GEOL0225-3	<i>Analytical Geochemistry</i> - Nathalie FAGEL	B1	Q1	10	10	-	3
GEOL0256-1	<i>Geochemistry of sediments and interstitial water</i> - Nathalie FAGEL	B1	Q1	15	15	-	4
GEOL0213-1	<i>Geodynamics</i> - Bernard BINGEN	B1	Q2	15	-	-	3
GEOL0209-1	<i>Isotopic geochemistry and geochronology</i> - Jacqueline VANDER AUWERA	B1	Q1	20	-	-	3
CRIS0204-1	<i>Complement of crystallography</i> - Frédéric HATERT	B1	Q2	15	-	-	3
GEOL1041-1	<i>Gemmology and Analytical Mineralogy</i> - Frédéric HATERT	B1	Q2	15	15	-	3
GEOL0254-1	<i>Gravimetrics, magnetism, and their geological applications</i> - Michel EVERAERTS	B1	Q2	15	15	-	4
GCIV0620-1	<i>Introduction to geotechnics</i> - Robert CHARLIER - [1d FW]	B1	Q1	30	20	[+]	5
GEOL0020-7	<i>Mineral resources (english language)</i> - Eric PIRARD - [1d FW, 30h Labo., 32h Proj.]	B1	Q1	30	-	[+]	5
MINE0005-1	<i>Mine and Quarry Working</i> - Eric POOT	B1	Q2	20	-	-	3
GEOL0313-1	<i>Remediation of contaminated sites</i> - Serge BROUYÈRE - [2d FW, 40h Proj.]	B1	Q1	24	24	[+]	4
GEOL0023-2	<i>Engineering geology (integrated project)</i> - Frédéric NGUYEN - [3d FW]	B1	Q1	25	25	[+]	5
GEOL1021-1	<i>Introduction to geophysical exploration</i> - Lucien HALLEUX, Frédéric NGUYEN - [5d FW]	B1	Q2	30	30	[+]	6
GEOL0277-1	<i>Groundwater quality and protection</i> - Serge BROUYÈRE - [1d FW, 35h Proj.]	B1	Q1	20	20	[+]	5
GEOL0083-3	<i>Groundwater modelling (english language)</i> - Alain DASSARGUES - [30h Labo., 30h Proj.]	B1	Q1	30	-	[+]	5
GEOL0307-1	<i>Geology of hydrocarbons</i> - Pierre CORNET	B1	Q1	20	20	-	4
SPOL2209-3	<i>Environmental and land policies</i> - Sophie HANSON	B1	Q1	30	-	-	3
GEOL0308-1	<i>Environmental geology related to renewable energy resources and mining (english language)</i> - HansBalder HAVENITH - [1d FW]	B1	Q2	20	10	[+]	3
GEOL0309-1	<i>Assessment of geological risk (english language)</i> - HansBalder HAVENITH - [3d FW]	B1	Q1	30	15	[+]	4
GEOL0236-2	<i>Remote sensing and geological imaging</i> - Eric PIRARD - [50h Proj.]	B1	Q1	30	10	[+]	5
GEOL1028-1	<i>Site investigation</i> - Serge BROUYÈRE, Frédéric NGUYEN - [5d FW, 60h Proj.]	B1	Q2	12	-	[+]	3
GEOL1040-1	<i>Metallogeny</i> - Bernard CHARLIER	B1	Q2	15	15	-	3
DOCU0455-1	<i>Introduction to critical thinking</i> - Yaël NAZÉ	B1	Q1	10	5	-	2
Science and environment management							
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.

[...] 1 or 2 course(s) from the courses' programme of the University of Liege