

First Year

Compulsory courses

GEOL0210-1	<i>Fieldwork in foreign countries</i> - Frédéric BOULVAIN, Nathalie FAGEL, Frédéric HATERT, HansBalder HAVENITH, Emmanuelle JAVAUX, Edouard POTY, Jacqueline VANDER AUWERA - [10d FW]	-	-	[+]	6
GEOL0301-1	<i>Cartography and geomodelling (personnal work)</i> - HansBalder HAVENITH - [15d FW]	10	30	[+]	10
GEOL0297-1	<i>Diagenesis and dynamics of sedimentary basins</i> - Frédéric BOULVAIN, AnneChristine DA SILVA	15	15	-	3
GEOL1022-2	<i>Evolution of the biosphere in the Precambrian</i> - Emmanuelle JAVAUX	20	10	-	3
GEOL0214-1	<i>Sedimentary deposits</i> - Edouard POTY - [2d FW]	15	15	[+]	4
GEOL1027-1	<i>Analytical mineralogy</i> - Frédéric HATERT	15	15	-	3
GEOL0209-1	<i>Isotopic geochemistry and geochronology</i> - Jacqueline VANDER AUWERA	20	-	-	3
GEOL0282-1	<i>Sedimentary and environmental geochemistry</i> - Nathalie FAGEL	20	20	-	4
GEOL0304-1	<i>Introduction to neotectonics, seismology and physical volcanology (english language)</i> - HansBalder HAVENITH - [2d FW]	25	15	[+]	4

Optional courses

Choose, in agreement with the Board of Studies, several courses totalling 20 credits, amongst :

Organized during even years

GEOL0296-1	<i>Clays and environment</i> - Nathalie FAGEL (Even years)	15	15	-	4
GEOL0263-1	<i>Astrobiology</i> - Philippe CLAEYS, Véronique DEHANT, Moreno GALLEN, Emmanuelle JAVAUX, Yaël NAZÉ, Annick WILMOTTE (Even years)	30	15	-	5
GEOL0302-1	<i>Volcanology</i> - Jacqueline VANDER AUWERA (Even years)	20	30	-	5
GEOL0223-1	<i>Complement of tectonics</i> - Olivier BOLLE (Even years)	15	15	-	4

Courses held in odd years :

GEOL0224-2	<i>Paleoclimatology</i> - Nathalie FAGEL - [1d FW] (Odd years)	15	15	[+]	4
GEOL1023-1	<i>Palynology - advanced course on Paleozoic spores</i> - Philippe STEEMANS (Odd years)	30	-	-	4
GEOL0218-1	<i>The principles and methods of evolution</i> - Edouard POTY (Odd years)	15	-	-	3
GEOL0220-1	<i>Cainozoic Stratigraphy</i> - Emile ROCHE (Odd years)	15	-	-	3
GEOL0298-1	<i>Groundwater quality and protection</i> - Serge BROUYÈRE, Philippe ORBAN (Odd years)	15	15	-	4
GEOL0294-1	<i>Paleoalterations in geological times</i> - Johan YANS - [1d FW] (Odd years)	12	12	[+]	4
GEOL0303-1	<i>Geomagnetism and environmental magnetism (english language)</i> - AnneChristine DA SILVA (Odd years)	15	5	-	3

Courses organized each year :

GEOL0099-1	<i>Phanerozoic biosphere evolution</i> - Edouard POTY - [2d FW]	20	-	[+]	4
GEOL0305-1	<i>Paleoecology</i> - Bernard MOTTEQUIN, Edouard POTY	20	-	-	3
GEOL0221-1	<i>Quaternary Palynology</i> - Mona COURTPICON, N...	15	15	-	4
GEOG0212-1	<i>Pedology</i> - Gilles COLINET - [1d FW]	15	8	[+]	3
SPAT0027-4	<i>Climate change and impacts</i> - Louis FRANÇOIS, Guy MUNHOVEN	15	15	-	4
CLIM0009-1	<i>Biogeochemical cycle modelling and global changes</i> - Louis FRANÇOIS	20	20	-	4
SPAT0054-1	<i>Astrophysics and astrochemistry</i> - Michaël DE BECKER	15	5	-	3
GEOL0255-2	<i>Geological oceanography</i> - Nathalie FAGEL - [1d FW]	20	20	[+]	4
GEOL0225-3	<i>Analytical Geochemistry</i> - Nathalie FAGEL	10	10	-	3
GEOL0256-1	<i>Geochemistry of sediments and interstitial water</i> - Nathalie FAGEL	15	15	-	4
GEOL0213-1	<i>Geodynamics</i> - N... - Suppl : JeanPaul LIÉGEOIS	15	-	-	3
CRIS0204-1	<i>Complement of crystallography</i> - Frédéric HATERT	15	-	-	3
GEOL0254-1	<i>Gravimetrics, magnetism, and their geological applications</i> - Michel EVERAERTS	15	15	-	4
GCIV0620-1	<i>Introduction to geotechnics</i> - Robert CHARLIER, JeanPol RADU - [1d FW]	30	20	[+]	5
GEOL0020-6	<i>Mineral resources</i> - Eric PIRARD	30	30	-	5
MINE0005-1	<i>Mine and Quarry Working</i> - Jacques TACK	20	-	-	3
GEOL0023-2	<i>Engineering geology (integrated project)</i> - Frédéric NGUYEN - [3d FW]	25	25	[+]	5
GEOL1021-1	<i>Introduction to geophysical exploration</i> - Lucien HALLEUX, Frédéric NGUYEN - [5d FW]	30	30	[+]	6
GEOL0260-2	<i>Applied geophysics</i> - Frédéric NGUYEN - [2d FW]	20	20	[+]	5
GEOL0306-1	<i>Techniques for extracting non-conventional hydrocarbons</i> - Xavier LIMPENS	15	-	-	3

GEOL0307-1	<i>Geology of hydrocarbons</i> - Pierre CORNET	20	20	-	4
SPOL2209-3	<i>Environmental and land policies</i> - Quentin MICHEL - Suppl : Sophie HANSON	30	-	-	3
GEOL0308-1	<i>Environmental geology related to renewable energy resources and mining</i> (english language) - N... - [1d FW]	20	10	[+]	3
GEOL0309-1	<i>Assessment of geological risk</i> (english language) - HansBalder HAVENITH - [6d FW]	30	15	[+]	5
GEOL0236-2	<i>Remote sensing and geological imaging</i> - COLLÉGIALITÉ, Eric PIRARD	30	30	-	5
[...]	1 or 2 course(s) from the courses' programme of the University of Liege				

Second Year

Compulsory courses

SMEM0022-1	<i>Final thesis</i> - COLLÉGIALITÉ	-	-	-	27
GEOL0268-2	<i>Introduction to Research</i> - Annick ANCEAU	20	20	-	3

Research Focus

Compulsory course

SSTG0011-1	<i>Training</i> - Edouard POTY - [4w Internship]	-	-	[+]	10
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Optional courses

With the approval of the Board of Studies, choose courses totalling 20 ECTS :

- [...] Choose additional courses not previously followed and totaling from 11 to 20 ECTS from the courses programme of the ULg
- [...] Maximum 9 ECTS can be chosen in the courses' programme of another university