

Block view of the study programme

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Block 1

Compulsory courses

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

Optional courses

In agreement with the Jury, choose courses for a total of 30 credits, in at least two different fields, from :

Resources and methods

GEOL0308-1	<i>Environmental geology related to renewable energy resources and mining (english language)</i> - HansBalder HAVENITH - [1d FW]	Q2	20	10	[+]	3
GEOL0296-1	<i>Clays and environment</i> - Nathalie FAGEL - [1d FW]	Q1	15	15	[+]	4
GEOL0020-7	<i>Mineral resources (english language)</i> - Eric PIRARD - [1d FW, 30h Labo., 32h Proj.]	Q1	30	-	[+]	5
GEOL0277-1	<i>Groundwater quality and protection</i> - Serge BROUYÈRE - [1d FW, 35h Proj.]	Q1	20	20	[+]	5
GEOL0237-2	<i>Exploitation of minerals deposits</i> - Eric POOT - [1d FW]	Q2	20	10	[+]	5
GEOL1021-1	<i>Introduction to geophysical exploration</i> - Lucien HALLEUX, Frédéric NGUYEN - [5d FW]	Q2	30	30	[+]	6
CRIS0204-1	<i>Complement of crystallography</i> - Frédéric HATERT	Q2	15	-	-	3
GEOL0254-1	<i>Gravimetrics, magnetism, and their geological applications</i> - Michel EVERAERTS	Q2	15	15	-	4
GEOL1040-1	<i>Metallogeny</i> - Bernard CHARLIER	Q2	15	15	-	3
GEOL0307-1	<i>Geology applied to the exploration of hydrocarbons</i> - Pierre CORNET	Q1	20	20	-	4
GEOL1041-1	<i>Gemmology and Analytical Mineralogy</i> - Frédéric HATERT	Q1	15	15	-	3
GEOL0306-1	<i>Techniques for extracting non-conventional hydrocarbons</i> - Xavier LIMPENS (Even years)	Q1	15	-	-	3
GEOL0225-3	<i>Analytical geochemistry</i> - Nathalie FAGEL - [1d FW] (Odd years)	Q1	10	10	[+]	3

Evolution of the Earth and the biosphere

GEOL0305-1	<i>Paleoecology</i> - Julien DENAYER, Valentin FISCHER - [2d FW]	Q1	15	-	[+]	3
GEOL0221-1	<i>Quaternary Palynology</i> - Mona COURTPICON	Q2	15	15	-	4
SPAT0027-4	<i>Climate change and impacts</i> - Louis FRANÇOIS, Guy MUNHOVEN	TA	15	15	-	4
CLIM0009-1	<i>Biogeochemical cycle modelling and global changes</i> - Louis FRANÇOIS	Q1	20	20	-	4
GEOL0317-1	(pas organisé en 2016-2017) <i>Evolution and palaeobiological inferences (english language)</i> - Valentin FISCHER	Q1	15	15	-	3
SPAT0054-1	<i>Astrophysics and astrochemistry</i> - Michaël DE BECKER	Q2	15	5	-	3
GEOL1022-2	<i>Evolution of the biosphere in the Precambrian</i> - Emmanuelle JAVAUX	Q1	20	10	-	3
GEOL0099-1	<i>Evolution of the Phanerozoic biosphere (english language)</i> - Valentin FISCHER - [2d FW]	Q1	20	-	[+]	3
GEOL0263-1	<i>Astrobiology</i> - Philippe CLAEYS, Véronique DEHANT, Moreno GALLEN, Emmanuelle JAVAUX, Yaël NAZÉ, Annick WILMOTTE (Even years)	Q2	30	15	-	5
GEOL0224-2	<i>Paleoclimatology</i> - Nathalie FAGEL - [1d FW] (Odd years)	Q1	15	15	[+]	4
GEOL1023-1	<i>Palynology - advanced course on Paleozoic spores</i> - Philippe STEEMANS	Q2	30	-	-	4

(Odd years)

GEOL0220-1 *Cainozoic Stratigraphy* - Emile ROCHE (Odd years) Q1 15 - - 3

Geological processes

GEOL0309-1 *Assessment of geological risk* (english language) - HansBalder HAVENITH - [3d FW] Q1 30 15 [+] 4

GEOL0213-1 *Geodynamics* - Bernard BINGEN Q2 15 - - 3

GEOG0212-1 *Pedology* - Gilles COLINET - [1d FW] Q2 15 8 [+] 3

GEOL1039-2 *geological oceanography* - Nathalie FAGEL - [1d FW] Q1 20 20 [+] 4

GEOL0256-1 *Marine sediment geochemistry* (english language) - Nathalie FAGEL Q1 15 15 - 4

GEOL0292-1 *Sedimentology applied to archaeology* - Stéphane PIRSON - Suppl : AnneChristine DA SILVA - [8d FT Tr. Pr.] 30 - [+] 5

GEOL0304-1 *Introduction to neotectonics, seismology and physical volcanology* (english language) - HansBalder HAVENITH - [2d FW] Q1 25 15 [+] 4

GEOL0297-1 *Diagenesis and dynamics of sedimentary basins* - Frédéric BOULVAIN, AnneChristine DA SILVA Q2 15 15 - 3

GEOL0282-2 *Sedimentary and environmental geochemistry* - Nathalie FAGEL Q1 15 15 - 3

GEOL0209-1 *Isotopic geochemistry* - Jacqueline VANDER AUWERA Q1 20 10 - 3

GEOL0302-1 *Volcanology* - Jacqueline VANDER AUWERA (Even years) Q2 20 30 - 5

GEOL0223-1 *Complement of tectonics* - Olivier BOLLE (Even years) Q2 15 15 - 4

GEOL0303-1 *Geomagnetism and environmental magnetism* (english language) - AnneChristine DA SILVA (Even years) Q2 15 5 - 3

GEOL1030-1 *Meteoric palaeoweathering* - Johan YANS - [1d FW] (Odd years) Q2 12 12 [+] 3

Miscellaneous

GEOL0083-3 *Groundwater modelling* (english language) - Alain DASSARGUES - [30h Labo., 30h Proj.] Q1 30 - [+] 5

GCIV0620-1 *Introduction to geotechnics* - Robert CHARLIER - [1d FW] Q1 30 20 [+] 5

GEOL1028-1 *Site investigation* - Serge BROUYÈRE, Frédéric NGUYEN - [5d FW, 60h Proj.] Q2 12 - [+] 3

GEOL0313-1 *Remediation of contaminated sites* - Serge BROUYÈRE - [2d FW, 40h Proj.] Q1 24 24 [+] 4

GEOL0023-2 *Engineering geology (integrated project)* - Frédéric NGUYEN - [3d FW] Q1 25 25 [+] 5

DOCU0455-1 *Introduction to critical thinking* - Yaël NAZÉ Q2 10 5 - 2

SPOL2209-3 *Environmental and land policies* - Sophie HANSON Q1 30 - - 3

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

Bloc d'aménagement du programme de l'année