

Cycle view of the study programme

B1 Or Th Pr Au Cr

Compulsory courses (B1 : 46Cr, B2 : 26Cr)

Core courses common to the study paths

GEOG0057-1	<i>Spatial analysis</i> - François JONARD	B1	Q2	30	30	-	5
GEOG0650-2	<i>Impact studies</i> - Guénaël DEVILLET	B1	Q2	10	20	-	3
CLIM0026-1	<i>Global warming and natural risks</i> (english language) - Xavier FETTWEIS	B1	Q2	10	20	-	3
GEOG2028-1	<i>Introduction to spatial planning</i> - JeanMarie HALLEUX - [1d FW]	B1	Q1	15	15	[+]	3
SMEM0043-1	<i>Final thesis</i> - COLLÉGIALITÉ	B2	TA	-	-	-	20
SSTG0060-1	<i>Internships</i> - COLLÉGIALITÉ, Xavier FETTWEIS, François GEMENNE, Aurelia HUBERT - [6w Internship]	B2	TA	-	-	[+]	6

Courses specific to the Study Path

ENVT3065-2	<i>Sustainability challenges, Partim 1 - Les enjeux climat et énergie</i> (english language) - Bertrand CORNÉLUSSE, Xavier FETTWEIS	B1	Q1	16	16	-	3
SPAT0024-3	<i>Meteorology, Part 1</i> (english language) - Louis FRANÇOIS	B1	Q1	20	10	-	3
CLIM0002-1	<i>Introduction to climate modelling</i> (english language) - Louis FRANÇOIS	B1	Q2	15	7	-	2
GEOG2050-1	<i>Natural risks</i> - Geoffrey HOUBRECHTS, Aurelia HUBERT, N... - [2d FW]	B1	Q1	24	-	[+]	3
GEOG2052-1	<i>Field surveys in geomorphology and climatology</i> - Geoffrey HOUBRECHTS - [5d FW]	B1	Q2	-	15	[+]	5
GEOG0661-1	<i>Earth surface processes</i> (english language) - Aurelia HUBERT	B1	Q2	20	20	-	4
SPAT0027-3	<i>Climate change and impacts</i> (english language) - Louis FRANÇOIS, Guy MUNHOVEN	B1	TA	30	30	-	5
GEOG0662-1	<i>Climate diplomacy, Partim 1</i> (english language) - François GEMENNE	B1	Q1	24	12	-	4
RISQ2025-1	<i>Migration and displacement of people following environmental degradation and shocks, Part 1</i> (english language) - Caroline ZICKGRAF - Suppl : Sabine HENRY, Pierre OZER	B1	Q1	24	-	-	3

Optional courses (B1 : 14Cr, B2 : 34Cr)

Courses specific to the Study Path

In agreement with the Jury, choose courses not already selected for a total of 10 credits from the lists below (B1 : 10Cr)

GEOG0660-1	<i>Introduction to modelling in physical geography - Partim 1 : Environment</i> (english language) - Xavier FETTWEIS	B1	Q1	20	15	-	3
OCEA0014-1	<i>Mathematical analysis and modelling methods applied to the environment</i> (english language) - Marilaure GRÉGOIRE	B1	Q1	20	20	-	3

Climatology

MATH0508-1	<i>Time series analysis in climatology</i> (english language) - Samuel NICOLAY	B1	Q1	20	10	-	3
CLIM0016-1	<i>Remote sensing applied to climatology</i> (english language) - Nicolas CLERBAUX (Odd years)	B1	Q2	20	10	-	3
CLIM0007-2	<i>Greenhouse gases - Measures and instruments to mitigate climate change</i> (english language) - Emmanuel MAHIEU (Odd years)	B1	Q1	30	-	-	4
ENVT3056-1	<i>Agrometeorology</i> (Even years) - <i>Agrometeorology Basis</i> - Bernard TYCHON - <i>Applied Agrometeorology</i> - Bernard TYCHON - [1d FW]	B1	Q2	15 45	15 15	- [+]	7

Geomorphology and environmental risks

GEOG0242-2	<i>Applied Geomorphology and Continental Deposits Study Methods</i> -	B1	Q1	20	20	[+]	5
------------	---	----	----	----	----	-----	---

Geoffrey HOUBRECHTS - [3d FW]

GEOG0060-1	<i>Remote sensing</i> - François JONARD	B1	Q1	25	25	-	5
------------	---	----	----	----	----	---	---

Basic courses

GEOG2020-1	<i>Elements of meteorology</i> - Sébastien DOUTRELOUP, Xavier FETTWEIS - [2d FW]	B1	Q1	20	15	[+]	3
------------	--	----	----	----	----	-----	---

GEOG0630-5	<i>Climatic geomorphology, Part A</i> - Aurelia HUBERT - Suppl : Geoffrey HOUBRECHTS - [4d FW]	B1	Q1	15	10	[+]	3
------------	--	----	----	----	----	-----	---

In agreement with the Jury, choose one of the three placements below (B2 : 8Cr)

CLIM0005-1	<i>Operational meteorology</i> - COLLÉGIALITÉ - [18d SEM]	B2	Q2	-	-	[+]	8
------------	---	----	----	---	---	-----	---

Notice : Collegiality = Royal Military School and Meteorological Wing

SSTG0050-1	<i>Placement in geomorphology ULiege</i> - COLLÉGIALITÉ	B2	Q2	-	-	-	8
------------	---	----	----	---	---	---	---

SSTG0055-1	<i>Internship in relation to human aspects of global environmental changes</i> (english language) - COLLÉGIALITÉ	B2	Q2	-	-	-	8
------------	--	----	----	---	---	---	---

Single focus (B1 : 4Cr, B2 : 26Cr)

Research Focus (B1 : 4Cr, B2 : 26Cr)

In agreement with the Jury, choose a course not already chosen among the three courses below: (B1 : 4Cr)

Climatology

CLIM0660-1	<i>Introduction to modelling in physical geography - Partim 2 : Climatology</i> (english language) - Xavier FETTWEIS	B1	Q2	10	20	-	4
------------	--	----	----	----	----	---	---

Geomorphology and environmental hazards

GEOG0072-1	<i>Land use changes, landsliding, soil and gully erosion - a series of lectures by experts</i> (english language) - Olivier DEWITTE, Aurelia HUBERT, Matthias VANMAERCKE	B1	Q2	10	20	-	4
------------	--	----	----	----	----	---	---

GEOG0036-1	<i>Seismotectonic</i>	B1	Q1	20	10	-	4
------------	-----------------------	----	----	----	----	---	---

Human aspects of global environmental changes

GEOG0049-1	<i>Environment, Migration, Politics - a series of lectures by HUGO Observatory</i> (english language) - François GEMENNE, Pierre OZER	B1	Q2	6	30	-	4
------------	---	----	----	---	----	---	---

In agreement with the Jury, choose one of the three optional subjects below: (exceptionally and in a duly justified manner, the student may choose one or more courses in another module) (B2 : 1Nbr)

Climatology (B2 : 26Cr)

In agreement with the Jury, choose courses not already chosen for a total of 26 credits among: (B2 : 26Cr)

SPAT0025-1	<i>Climate and environmental modelling</i> (english language) - Louis FRANÇOIS, Guy MUNHOVEN	B2	Q2	30	15	-	4
------------	--	----	----	----	----	---	---

SPAT0024-4	<i>Meteorology, Part 2</i> (english language) - Louis FRANÇOIS	B2	Q1	20	10	-	2
------------	--	----	----	----	----	---	---

CLIM0017-2	<i>Climate modelling</i> (english language)	B2	Q1				7
	- Part : Atmosphere - Xavier FETTWEIS			10	20	-	
	- Part 2: Vegetation and carbon cycle - Louis FRANÇOIS			15	25	-	

CLIM0024-1	<i>Introduction to modelling in physical geography - Partim 3: Advanced climatology</i> (english language) - Xavier FETTWEIS	B2	Q1	10	20	-	3
------------	--	----	----	----	----	---	---

OCEA0075-2	<i>Physical oceanography and marine meteorology, Theory and practice</i> (english language) - JeanMarie BECKERS	B2	Q1	30	15	-	4
------------	---	----	----	----	----	---	---

[...] courses from the master in geography, climatology of the UCL for a maximum of 7 credits

[...] courses not already taken from the master in geography, global change or from the master in geography, general or from the master in geography, geomatics or from the master in geology (120 ECTS).

Geomorphology and environmental hazards (B2 : 26Cr)

In agreement with the Jury, choose courses not already chosen for a total of 26 credits among: (B2 : 26Cr)

GEOG0633-2	<i>Rivers dynamics, Application to the management of rivers</i> - Geoffrey HOUBRECHTS - [2d FW] (Even years)	B2	Q2	10	5	[+]	3
GEOG0047-1	<i>Disaster risk management</i> (english language) - Pierre OZER (Odd years)	B2	Q1	20	10	-	4
GEOG0036-2	<i>Seismotectonic, Additional information from the field</i> - [2d FW]	B2	Q2	-	5	[+]	1
GEOG2012-1	<i>Coastal geomorphology, changing sea levels and the vulnerability of coastal regions</i> - Aurelia HUBERT - [3d FW]	B2	Q2	20	10	[+]	4
HULG0558-1	<i>Geography of development</i> (english language) - Maarten LOOPMANS, Anton VAN ROMPAEY	B2	Q2	39	-	-	6

[...] courses not already taken from the master in geography, global change or from the master in geography, general or from the master in geography, geomatics or from the master in geology (120 ECTS).

Human aspects of global environmental changes (B2 : 26Cr)

GEOG0048-1	<i>Climate diplomacy, Partim 2</i> (english language) - <i>Part 1: Introduction to mechanisms of international cooperation on climate changes</i> - François GEMENNE - <i>Part 2: Role-playing game : simulation of a COP</i> - François GEMENNE - <i>Part 3: Participation to a COP</i> - François GEMENNE	B2	Q1	6	-	-	7
GEOG0050-1	<i>Health impacts of climate changes</i> (english language) - <i>Part 1 : Introduction to planetary health</i> - Annelise DEPOUX, François GEMENNE - <i>Part 2 : Participation to the MOOC "Climate Change and Health"</i> - Annelise DEPOUX, François GEMENNE	B2	Q2	8	-	-	5
GEOG0051-1	<i>Climate geopolitics</i> (english language) - François GEMENNE <i>Notice : with Observatory on Defense and Climate</i>	B2	Q2	12	18	-	4
GEOG0052-1	<i>Economics of global environmental changes</i> (english language) - Mikulas CERNOTA, François GEMENNE, Paula PUSKAROVA	B2	Q2	24	-	-	4

[...] In agreement with the jury, chose one or more courses for a total of 6 credits from the curriculum of the University of Liège or another institution

Additional credits Master in geography, global change, research focus

Optional courses (B0 : 20Cr)

Depending on the student's educational background and in agreement with the jury, choose, if necessary, courses for a maximum of 20 credits from the list below : (B0 : 20Cr)

GEOG2020-1	<i>Elements of meteorology</i> - Sébastien DOUTRELOUP, Xavier FETTWEIS - [2d FW]	B0	Q1	20	15	[+]	3
GEOG0217-2	<i>Hydrology</i> - Geoffrey HOUBRECHTS - [2d FW]	B0	Q1	15	10	[+]	3
GEOG0055-1	<i>Environmental geography</i> (english language) - <i>Part 1</i> - Pierre OZER, Serge SCHMITZ	B0	Q2	24	6	-	5

	- Part 2 - Pierre OZER, Serge SCHMITZ - [6d FW]		-	6	[+]	
GEOG0201-4	<i>Quaternary geology and geomorphology</i>	B0	Q2			3
	- <i>Theory</i> - Aurelia HUBERT, Marthe LEFEVRE		15	-	-	
	- <i>Field</i> - Aurelia HUBERT, Marthe LEFEVRE - [2d FW]		-	-	[+]	
	- <i>Futher theory</i> - Aurelia HUBERT, Marthe LEFEVRE		5	-	-	
GEOG0204-2	<i>Fluvial geomorphology and hydrography</i> - Geoffrey HOUBRECHTS - [3d FW]	B0	Q2	20	15	[+] 3
GEOG0238-5	<i>Geographical Information Systems, Introduction</i> - Roland BILLEN, François JONARD	B0	Q1	15	15	- 3