

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>Operational GIS - N...</i> - Suppl : Pierre HALLOT, Adrien MICHEZ	B1	Q1	30	30	-	5
GEOG0650-2	<i>Impact studies</i> - Guénaël DEVILLET	B1	Q2	10	20	-	3
GEOG0042-2	<i>Geomorphic challenges in a changing world</i> (english language) - Matthias VANMAERCKE	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

GEOG0660-1	<i>Introduction to modelling in physical geography - Partim 1 : Environment</i> (english language) - Matthias VANMAERCKE	B1	Q1	20	15	-	3
SPAT0024-3	<i>Meteorology, Part 1</i> - Louis FRANÇOIS	B1	Q1	20	10	-	3
CLIM0002-1	<i>Climate modelling, Part 1</i> (english language) - Louis FRANÇOIS	B1	Q2	15	7	-	2
OCEA0014-1	<i>Mathematical analysis and modelling methods applied to the environment</i> (english language) - Marilaure GRÉGOIRE	B1	Q1	20	20	-	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	25	12	-	4
SPAT0027-3	<i>Climate change and impacts</i> (english language) - Louis FRANÇOIS, Guy MUNHOVEN	B1	TA	15	45	-	5
GEOG0662-1	<i>International politics of climate change</i> (english language) - François GEMENNE	B1	Q1	24	12	-	4
RISQ2025-1	<i>Migration and displacement of people following environmental degradation and shocks</i> (english language) - Caroline ZICKGRAF	B1	Q2	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)

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	B1	Q2	20	10	-	3
CLIM0007-2	<i>Greenhouse gases - Measures and instruments to mitigate climate change</i> (english language) - Emmanuel MAHIEU - [3d FW] (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

Basic courses

GEOG2020-1	<i>Elements of meteorology</i> - Sébastien DOUTRELOUP, Xavier FETTWEIS - [2d FW]	B1	Q2	20	15	[+]	3
GEOG0630-5	<i>Climatic geomorphology, Part A</i> - Aurelia HUBERT - [4d FW]	B1	Q1	20	10	[+]	3

GEOG0055-1 *Environmental geography* (english language) - Pierre OZER, Serge SCHMITZ - [6d FW] B1 TA 24 12 [+] 5

Geomorphology and environmental risks

GEOG0242-2 *Applied Geomorphology and Continental Deposits Study Methods* - Geoffrey HOUBRECHTS - [2d FW] B1 Q1 20 10 [+] 4

GEOG0059-1 *Geographical information systems* - N... - Suppl : Roland BILLEN, JeanPaul KASPRZYK B1 Q1 30 30 - 6

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

CLIM0005-1 *Operational meteorology* - COLLÉGIALITÉ - [18d SEM] B2 Q2 - - [+] 8
Notice : Collegiality = Royal Military School and Meteorological Wing

SSTG0050-1 *Placement in geomorphology ULiege* - COLLÉGIALITÉ, Aurelia HUBERT B2 Q2 - - - 8

SSTG0055-1 *Internship in relation to human aspects of global environmental changes* (english language) - COLLÉGIALITÉ, François GEMENNE 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 *Introduction to modelling in physical geography - Partim 2 : Climatology* (english language) - Sébastien DOUTRELOUP, Xavier FETTWEIS B1 Q2 10 20 - 4

Geomorphology and environmental hazards

GEOG2012-1 *Coastal geomorphology, changing sea levels and the vulnerability of coastal regions* - Aurelia HUBERT - [3d FW] B1 Q2 20 10 [+] 4

Human aspects of global environmental changes

GEOG0049-1 *Environment, Migration, Politics - a series of lectures by HUGO Observatory* (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)

CLIM0002-2 *Climate modelling, Part 2* (english language) - Louis FRANÇOIS B2 Q1 30 8 - 4

SPAT0024-4 *Meteorology, Part 2* - Louis FRANÇOIS B2 Q1 20 10 - 2

CLIM0017-2 *Climate modelling*
 - *Part 1 : Atmosphere* - Sébastien DOUTRELOUP, Xavier FETTWEIS B2 Q1 10 20 - 7
 - *Part 2 : Vegetation and carbon cycle* - Louis FRANÇOIS 15 25 -

CLIM0024-1 *Introduction to modeling in physical geography - Part 3 : Advanced climatology* - Sébastien DOUTRELOUP, Xavier FETTWEIS B2 Q1 10 20 - 3

CLIM0025-1 *The study of polar climates and glaciology* - Sébastien DOUTRELOUP, Xavier FETTWEIS B2 Q2 20 10 - 3

OCEA0075-2 *Physical oceanography and marine meteorology, Theory* B2 Q1 30 15 - 4

and practice - JeanMarie BECKERS

[...] courses not already taken from the master in geography, global change for a total of 7 credits

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

[...] courses from the master in geography: general

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]	B2	Q1	10	5	[+]	4
GEOG0633-3	<i>Rivers dynamics, Additional field work</i> - Geoffrey HOUBRECHTS - [4d FW]	B2	Q2	-	20	[+]	2
GEOG0036-1	<i>Morphotectonics and volcanism</i> - Alain DEMOULIN	B2	Q1	25	15	-	5
GEOG0036-2	<i>Morphotectonics and volcanism, Additional field work</i> - Alain DEMOULIN - [2d FW]	B2	Q2	-	5	[+]	1
GEOG0045-1	<i>Land use change modelling (english language)</i> - Matthias VANMAERCKE	B2	Q2	25	15	-	4
GEOG0046-1	<i>Soil erosion and landslide risks : prediction and prevention (english language)</i> - Aurelia HUBERT, Matthias VANMAERCKE	B2	Q1	40	20	-	6
GEOG0047-1	<i>Disaster risk management (english language)</i> - Pierre OZER	B2	Q1	20	10	-	4

[...] 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) for a maximum of 6 credits.

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

GEOG0048-1	<i>Climate diplomacy (english language)</i> - <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 (english language)</i> - <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, Rainer SAUERBORN	B2	Q2	8	-	-	5
GEOG0051-1	<i>Climate geopolitics (english language)</i> - François GEMENNE <i>Notice : with Observatory on Defense and Climate</i>	B2	Q2	12	18	-	4
GEOG0052-1	<i>Economics of global environmental changes (english language)</i> - Mikulas CERNOTA, François GEMENNE, Paula PUSKAROVA	B2	Q2	24	-	-	4

[...] In agreement with the Jury, choose one or more courses for a total of 6 credits from the study programmes of the ULiège 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	Q2	20	15	[+]	3
GEOG0217-2	<i>Hydrology</i> - Geoffrey HOUBRECHTS, Matthias VANMAERCKE - [2d FW]	B0	Q1	15	10	[+]	3
GEOG0630-5	<i>Climatic geomorphology, Part A</i> - Aurelia HUBERT - [4d FW]	B0	Q1	20	10	[+]	3
GEOG0055-1	<i>Environmental geography</i> (english language) - Pierre OZER, Serge SCHMITZ - [6d FW]	B0	TA	24	12	[+]	5
GEOG0201-4	<i>Quaternary geology and geomorphology</i> - <i>Theory</i> - Alain DEMOULIN - <i>Field</i> - Alain DEMOULIN - [2d FW] - <i>Futher theory</i> - Alain DEMOULIN	B0	Q2	15	-	-	3
				-	-	[+]	
				5	-	-	
GEOG0204-2	<i>Fluvial geomorphology and hydrography</i> - Geoffrey HOUBRECHTS - [3d FW]	B0	Q2	20	15	[+]	3