

Block view of the study programme

Or Th Pr Au Cr

Block 1

Compulsory courses

Core courses common to the study paths

GEOG0057-1	<i>Spatial analysis</i> - François JONARD, JeanPaul KASPRZYK	Q2	30	30	-	5
GEOG0650-2	<i>Impact studies</i> - Guénaël DEVILLET	Q2	10	20	-	3
CLIM0026-1	<i>Global warming and natural risks</i> (english language) - Xavier FETTWEIS, JeanPascal VAN YPERSELE	Q2	15	15	-	3
GEOG2028-1	<i>Introduction to spatial planning: planning systems and the major challenges of the contemporary world</i> - JeanMarie HALLEUX - [1d FW]	Q1	15	15	[+]	3

Courses specific to the Study Path

SPAT0024-3	<i>Meteorology, Part 1</i> (english language) - Louis FRANÇOIS	Q1	20	10	-	3
CLIM0002-1	<i>Introduction to climate modelling</i> (english language) - Louis FRANÇOIS	Q2	15	7	-	2
GEOG2050-1	<i>Natural risks</i> - HansBalder HAVENITH, Geoffrey HOUBRECHTS, Aurelia HUBERT - [1d FW]	Q1	24	-	[+]	3
GEOG0242-2	<i>Applied geomorphology: field methods and lab methods</i> - Geoffrey HOUBRECHTS - [2d FW]	Q1	20	10	[+]	5
GEOG0661-1	<i>Earth Surface Dynamics and Anthropogenic Effects</i> (english language) - Aurelia HUBERT	Q2	20	20	-	4
SPAT0027-3	<i>Climate change and impacts</i> (english language) - Louis FRANÇOIS, Guy MUNHOVEN	TA	30	30	-	5
ENVT3065-2	<i>Sustainability challenges, Partim 1 - Les enjeux climat et énergie</i> (english language) - Bertrand CORNÉLUSSE, Xavier FETTWEIS	Q1	16	16	-	3
GEOG2054-1	<i>The Sustainability of Rural Systems</i> (english language) - Serge SCHMITZ	Q2	15	15	-	4
GEOG2055-1	<i>Transition and spatial recomposition, Service Learning</i> - Guénaël DEVILLET	Q1	12	20	-	3

Optional courses

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

Core curriculum

GEOG0060-1	<i>Remote sensing</i> - François JONARD	Q1	30	30	-	5
------------	---	----	----	----	---	---

Climatology

MATH0508-1	<i>Time series analysis in climatology</i> (english language) - Samuel NICOLAY	Q1	20	10	-	3
CLIM0016-1	<i>Remote sensing applied to climatology</i> (english language) - Nicolas CLERBAUX (Odd years)	Q2	20	10	-	3
CLIM0007-2	<i>Greenhouse gases - Measures and instruments to mitigate climate change</i> (english language) - Emmanuel MAHIEU (Odd years)	Q1	30	-	-	4
ENVT3056-1	<i>Agrometeorology</i> - Sébastien DOUTRELOUP, Moussa EL JARROUDI, Bernard TYCHON (Even years)	Q2	40	40	-	7

Geomorphology and environmental risks

GEOG0670-1	<i>Active Tectonics and Seismology</i> (english language) - Clara BRERETON, HansBalder HAVENITH, Aurelia HUBERT - [2d FW]	Q1	20	10	[+]	5
GEOG2052-1	<i>Field surveys in geomorphology and climatology</i> - Geoffrey HOUBRECHTS - [5d FW]	Q2	-	15	[+]	5
GEOG0633-2	<i>Rivers dynamics, Application to the management of rivers</i> -	Q2	10	5	[+]	3

OUBRECHTS - [2d FW] (Even years)

Human aspects of global environmental change

GEOG2033-1	<i>Urban and territorial economy: spatial development -</i> JeanMarie HALLEUX	Q2	15	15	-	3
GEOG0667-1	<i>The Territorial dimension of the European Green deal. Chaire Sporck</i> (english language) - Serge SCHMITZ, Philippe VIDAL	Q1	15	6	-	2

Basic courses

GEOG2020-1	<i>Elements of meteorology -</i> Sébastien DOUTRELOUP, Xavier FETTWEIS - [2d FW]	Q1	20	15	[+]	3
GEOG0630-5	<i>Geomorphological dynamics in different climates: from glaciers to deserts, Part A -</i> Aurelia HUBERT, Brice NOËL - [4d FW]	Q1	15	10	[+]	3
GEOG0204-2	<i>Fluvial geomorphology and hydrography -</i> Geoffrey HOUBRECHTS - [3d FW]	Q2	20	15	[+]	3
GEOG2059-1	<i>Introduction to programming in geosciences -</i> Xavier FETTWEIS, Christoph KITTEL	Q1	20	40	-	5

Focus optional courses

En accord avec le Jury, choisir un ou deux cours non déjà choisis pour un total de 4 crédits par

Climatology

CLIM0660-1	<i>Introduction to modelling in climatology - Partim 1 : analyze of climate data</i> (english language) - Xavier FETTWEIS, Christoph KITTEL	Q2	10	10	-	2
CLIM0662-1	<i>Ice sheets and glacier melt under climate warming: processes and feedbacks</i> (english language) - Brice NOËL	Q1	10	10	-	2

Geomorphology and environmental risks

GEOG0072-1	<i>Advanced Topics in Land Use and Geomorphological Hazards: Expert Lectures</i> (english language) - Olivier DEWITTE, Aurelia HUBERT, Matthias VANMAERCKE	Q2	10	20	-	4
GEOG0047-1	<i>Disaster risk management</i> (english language) - Pierre OZER (Odd years)	Q1	20	10	-	4

Human aspects of global environmental change

SOCI2251-1	<i>European Immigration Policy</i> (english language)	Q2	30	-	-	4
------------	---	----	----	---	---	----------

Block 2

Compulsory courses

Core courses common to the study paths

SMEM0043-1	<i>Final thesis -</i> COLLÉGIALITÉ	TA	-	-	-	20
SSTG0060-1	<i>Internships -</i> COLLÉGIALITÉ, Sébastien DOUTRELOUP - [6w Internship]	TA	-	-	[+]	6

Courses specific to the Study Path

Optional courses

Courses specific to the Study Path

In agreement with the Jury, choose one of the following courses

CLIM0005-1	<i>Operational meteorology -</i> COLLÉGIALITÉ - [18d SEM] <i>Notice :</i> Collegiality = Royal Military School and Meteorological Wing	Q2	-	-	[+]	8
SSTG2036-1	<i>Professional or scientific internship -</i> COLLÉGIALITÉ, Sébastien DOUTRELOUP	Q2	-	-	-	8

Focus optional courses

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

Climatology

SPAT0025-1	<i>Climate and environmental modelling</i> (english language) - Louis FRANÇOIS, Guy MUNHOVEN	Q2	30	15	-	4
SPAT0024-4	<i>Meteorology, Part 2</i> (english language) - Louis FRANÇOIS	Q1	20	10	-	2
CLIM0017-2	<i>Climate modelling</i> (english language) - Part : Atmosphere - Xavier FETTWEIS - Part 2: Vegetation and carbon cycle - Louis FRANÇOIS	Q1		10 15	20 25	- -
CLIM0024-1	<i>Introduction to modelling in climatology - Partim 2: Linux and supercomputing in Fortran</i> (english language) - Xavier FETTWEIS	Q1	10	20	-	3
OCEA0075-2	<i>Physical oceanography and marine meteorology, Theory and practice</i> (english language) - JeanMarie BECKERS	Q1	30	15	-	4

Geomorphology and environmental risks

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

Human aspects of global environmental change

SOCI2248-1	<i>Refugee Studies - Forced Migration</i> (english language)	Q2	18	12	-	6
SOCI2248-2	<i>Refugee Studies - Forced Migration, Service learning</i> (english language)	Q2	18	12	-	6
GEOG0058-1	<i>Regional development project</i> - Part 1 - Guénaël DEVILLET, Serge SCHMITZ - [6d FW] - Part 2 - Guénaël DEVILLET, Serge SCHMITZ	TA		10 -	14 26	[+] -
GEOG0058-2	<i>Regional development project, Part 1</i> - Guénaël DEVILLET, Serge SCHMITZ - [6d FW]	TA	10	14	[+]	5
GEOG0667-2	<i>The Territorial dimension of the European Green deal. Chaire Sporck</i> (english language) - Serge SCHMITZ, Philippe VIDAL	Q1	15	6	-	2
GEOG2035-1	<i>Tourism development Strategy</i> - Serge SCHMITZ - [2d FW]	Q1	15	10	[+]	4

[...] les cours du master en sciences géographiques, orientation climatologie de l'UCLouvain pour un maximum de 7 crédits

[...] courses not already taken from the master in geography, global change

[...] les cours non déjà choisis du master en sciences géographiques, orientation géomatique

[...] les cours non déjà choisis du master en océanographie

[...] les cours non déjà choisis du master en sciences géologiques, à finalité

[...] les cours non déjà choisis du master en urbanisme et développement territorial

[...] le programme des cours de l'ULiège ou d'une autre institution pour un maximum de 8 crédits

Bloc d'aménagement du programme de l'année

Bridging courses Master in geography, global change, research focus

Optional courses

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 :

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

GEOG0217-2	<i>Hydrology</i> - Geoffrey HOUBRECHTS - [1d FW]	Q1	15	10	[+]	3
GEOG0238-5	<i>Geographical Information Systems, Introduction</i> - Roland BILLEN, François JONARD	Q1	15	15	-	3
GEOG0055-1	<i>Environmental geography</i> - Part 1 - Pierre OZER, Serge SCHMITZ - Part 2 - Pierre OZER, Serge SCHMITZ - [6d FW]	Q2	24	6	-	5
			-	6	[+]	
GEOG0201-3	<i>Paléogéographie et changements climatiques</i> - <i>Théorie</i> - Sébastien DOUTRELOUP, Aurelia HUBERT - <i>Terrain</i> - Sébastien DOUTRELOUP, Aurelia HUBERT - [2d FW]	Q2	20	-	-	3
			-	-	[+]	
GEOG0204-2	<i>Fluvial geomorphology and hydrography</i> - Geoffrey HOUBRECHTS - [3d FW]	Q2	20	15	[+]	3