

Block view of the study programme

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Block 1

Compulsory courses

Core courses common to the study paths

GEOG0238-1	<i>Geographical Information Systems</i> - JeanPaul DONNAY	Q2	30	30	-	6
GEOG0650-2	<i>Impact studies</i> - Guénaël DEVILLET	Q2	10	20	-	3
GEOG0042-2	<i>Geomorphic challenges in a changing world</i> (english language) - Matthias VANMAERCKE	Q2	10	20	-	3
GEOG2028-1	<i>Spatial planning</i> - JeanMarie HALLEUX - [1d FW]	Q1	15	15	[+]	3
GEOG0622-1	<i>Project management</i> - JeanPaul DONNAY	Q2	10	10	-	2

Courses specific to the Study Path

GEOG0660-1	<i>Introduction to modelling in physical geography - Partim 1 : Environment</i> (english language) - Matthias VANMAERCKE	Q1	20	15	-	3
CLIM0660-1	<i>Introduction to modelling in physical geography - Partim 2 : Climatology</i> (english language) - Charles AMORY, Xavier FETTWEIS, Charlotte LANG	Q1	10	20	-	3
CLIM0002-1	<i>Climate modelling</i> (english language) - Louis FRANÇOIS	Q2	45	15	-	5
GEOG2052-1	<i>Field training courses in geomorphology and climatology</i> - COLLÉGIALITÉ, Geoffrey HOUBRECHTS - [5d FW]	Q2	-	15	[+]	5
GEOG0661-1	<i>Earth surface processes</i> (english language) - Aurelia HUBERT	Q1	25	12	-	4
SPAT0027-3	<i>Climate change and impacts</i> (english language) - Louis FRANÇOIS, Guy MUNHOVEN	TA	15	45	-	6
GEOG0662-1	<i>International politics of climate change</i> (english language) - François GEMENNE	Q1	24	12	-	4
RISQ2025-1	<i>Migration and displacement of people following environmental degradation and shocks</i> (english language) - Caroline ZICKGRAF	Q2	24	-	-	3

Optional courses

En accord avec le Jury, choisir des cours pour un total de 10 crédits dans les listes ci-dessous :

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 - [3d FW] (Odd years)	Q1	30	-	[+]	4

Basic courses

GEOG2020-1	<i>Elements of meteorology</i> - Xavier FETTWEIS - [2d FW]	Q2	20	15	[+]	3
GEOG0630-3	<i>Climatic geomorphology</i> - Part A - Aurelia HUBERT - [4d FW] - Part B - Aurelia HUBERT	Q1		15 10	5 7	[+] -

Geomorphology and environmental risks

GEOG0242-2	<i>Applied Geomorphology and Continental Deposits Study Methods</i> - Geoffrey HOUBRECHTS - [2d FW]	Q1	20	10	[+]	4
GEOG0263-1	<i>Applied spatial analysis project</i> - Yves CORNET	Q1	15	15	-	3
GEOL0013-3	<i>Hydrogeology, Part A</i> - Alain DASSARGUES - [1d FW]	Q1	26	20	[+]	3

Block 2

Compulsory courses

Core courses common to the study paths

GEOG0025-1	<i>Introduction to research</i> - JeanPaul DONNAY	Q1	10	10	-	2
SMEM0043-1	<i>Final thesis</i> - COLLÉGIALITÉ	TA	-	-	-	15
GEOG0663-1	<i>Additional dissertation work</i>	TA	-	-	-	6

Optional courses

In agreement with the jury, choose one of the three placements below:

CLIM0005-1	<i>Operational meteorology</i> - COLLÉGIALITÉ - [18d SEM] <i>Notice</i> : Collegiality = Royal Military School and Meteorological Wing	Q2	-	-	[+]	7
SSTG0050-1	<i>Placement in geomorphology ULiege</i> - COLLÉGIALITÉ, Aurelia HUBERT	Q2	-	-	-	7
SSTG0055-1	<i>Internship in relation to human aspects of global environmental changes (english language)</i> - COLLÉGIALITÉ, François GEMENNE	Q2	-	-	-	7

Single focus :

Research Focus

In agreement with the jury, choose one of the three options below:

Climatology

In agreement with the jury, chose courses that haven't already been chosen for a total of 30 credits from among:

SPAT0024-2	<i>Meteorology</i> - Louis FRANÇOIS	Q1	40	20	-	6
CLIM0017-2	<i>Climate modelling</i> - <i>Part 1 : Atmosphere</i> - Xavier FETTWEIS - <i>Part 2 : Vegetation and carbon cycle</i> - Louis FRANÇOIS	Q1				7
			10	20	-	
			15	25	-	
CLIM0024-1	<i>Introduction to modeling in physical geography - Part 3 : Advanced climatology</i> - Charles AMORY, Xavier FETTWEIS, Charlotte LANG	Q1	10	20	-	3
ENVT3056-1	<i>Agrometeorology (Even years)</i> - <i>Agrometeorology Basis</i> - Bernard TYCHON - <i>Applied Agrometeorology</i> - Bernard TYCHON - [1d FW]	Q2				7
			15	15	-	
			45	15	[+]	
OCEA0075-2	<i>Physical oceanography and marine meteorology, Theory and practice</i> - JeanMarie BECKERS	Q1	30	15	-	4
CLIM0025-1	<i>The study of polar climates and glaciology</i> - Charles AMORY, Xavier FETTWEIS, Charlotte LANG	Q2	20	10	-	3

[...] for a maximum of 7 credits, the course in the Masters of Geographical Sciences, specialising in Climatology at the UCL.

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

Geomorphology and environmental hazards

GEOG0633-2	<i>Rivers dynamics, Application to the management of rivers</i> - Geoffrey HOUBRECHTS - [2d FW]	Q1	10	5	[+]	4
GEOG0633-3	<i>Rivers dynamics, Additional field work</i> - Geoffrey HOUBRECHTS - [4d FW]	Q2	-	20	[+]	2
GEOG0036-1	<i>Morphotectonics and volcanism</i> - Alain DEMOULIN	Q1	25	15	-	5
GEOG0036-2	<i>Morphotectonics and volcanism, Additional field work</i> - Alain DEMOULIN - [2d FW]	Q2	-	5	[+]	1
GEOG2012-1	<i>Coastal geomorphology, changing sea levels and the vulnerability of coastal regions</i> - Aurelia HUBERT - [3d FW]	Q2	20	10	[+]	4

GEOG0045-1	<i>Land use change modelling</i> (english language) - Matthias VANMAERCKE	Q2	25	15	-	4
GEOG0046-1	<i>Soil erosion and landslide risks : prediction and prevention</i> (english language) - Aurelia HUBERT, Matthias VANMAERCKE	Q1	40	20	-	6
GEOG0047-1	<i>Disaster risk management</i> (english language) - Pierre OZER	Q1	20	10	-	4
Human aspects of global environmental changes						
GEOG0048-1	<i>Climate diplomacy</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	Q1	6	-	-	7
GEOG0049-1	<i>Environment, Migration, Politics - a series of lectures by HUGO Observatory</i> (english language) - François GEMENNE, Pierre OZER	Q1	6	30	-	4
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, Rainer SAUERBORN	Q2	8	-	-	5
GEOG0051-1	<i>Climate geopolitics</i> (english language) - François GEMENNE	Q2	12	18	-	4
Remark : with Observatory on Defense and Climate						
GEOG0052-1	<i>Economics of global environmental changes</i> (english language) - Mikulas CERNOTA, François GEMENNE, Paula PUSKAROVA	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					

Bloc d'aménagement du programme de l'année

Additional ECTS Master in geography : climatology, research focus

Optional courses

Depending on the student's previous training and with the agreement of the jury, choose, if necessary, courses for a maximum of 24 credits among the following :

GEOG0630-5	<i>Climatic geomorphology, Part A</i> - Aurelia HUBERT - [4d FW]	Q1	15	5	[+]	3
MATH2007-1	<i>Mathematics</i> - Françoise BASTIN	Q1	30	40	-	8
PHYS0188-7	<i>Physics</i> - Nicolas VANDEWALLE	Q1	30	40	-	8
GEOG2020-1	<i>Elements of meteorology</i> - Xavier FETTWEIS - [2d FW]	Q2	20	15	[+]	3
GEOG2025-1	<i>Topoclimatology</i> - Matthias VANMAERCKE	Q1	10	10	-	2
GEOG0217-2	<i>Hydrology</i> - Geoffrey HOUBRECHTS, Matthias VANMAERCKE - [2d FW]	Q1	15	10	[+]	3
GEOG0201-4	<i>Quaternary geology and geomorphology</i> - <i>Theory</i> - Alain DEMOULIN - <i>Field</i> - Alain DEMOULIN - [2d FW] - <i>Further theory</i> - Alain DEMOULIN	Q2	15	-	-	3
GEOG0204-2	<i>Fluvial geomorphology and hydrography</i> - Geoffrey HOUBRECHTS - [3d FW]	Q2	20	15	[+]	3