

First Year

Core courses common to the study paths

Compulsory courses

GEOG0238-1	<i>Geographical Information Systems</i> - Jean-Paul DONNAY	30	30	-	6
SPOL2209-3	<i>Environmental and land policies</i> - Quentin MICHEL	30	-	-	3
GEOG0605-1	<i>Regional geography and geomorphology</i> - François PETIT - [4d FW]	20	-	[+]	3
GEOG0622-1	<i>Project management</i> - Jean-Paul DONNAY	10	10	-	2

Courses specific to the Study Path

Compulsory courses

CLIM0002-1	<i>Climate models : principles and applications</i> - Louis FRANÇOIS	45	15	-	6
CLIM0003-3	<i>Climate changes and impacts</i> - Louis FRANÇOIS	15	45	-	5
CLIM0004-1	<i>Zonal climatology</i> - Michel ERPICUM	15	30	-	4
CLIM0014-1	<i>Programming in service of climatology (part 1)</i> - Xavier FETTWEIS	15	30	-	4
ENVT0877-1	<i>Basis of Agrometeorology</i> - Bernard TYCHON	15	15	-	3
GEOG0607-3	<i>Topoclimatology</i> - Michel ERPICUM - [2d FW]	15	15	[+]	4
MATH0221-4	<i>Analysis of time series</i> - Pierre MAGAIN	15	15	-	3
OCEA0014-1	<i>Mathematical analysis and modelling methods applied to the environment</i> - Eric DELHEZ	20	20	-	4
PHYS0209-2	<i>Numerical methods in physics</i> - Thierry BASTIN	15	20	-	4
SPAT0024-2	<i>Meteorology</i> - Louis FRANÇOIS	40	20	-	6
CLIM0007-2	<i>Greenhouse gases - Measures and instruments to mitigate climate change</i> - Emmanuel MAHIEU - [1d FW]	30	-	[+]	3

Students who have already taken the cours *Numerical methods in physics* must choose, with the approval of the Board of Studies, one course totaling 4 ECTS not already taken in the 3rd year of Bachelor or in one of the programmes of Master in Geography.

Second Year

Core courses common to the study paths

Compulsory courses

GEOG0025-1	<i>Research Design in Spatial Sciences</i> - Jean-Paul DONNAY	10	10	-	2
GEOG0646-1	<i>Seminars</i> - COLLÉGIALITÉ	-	-	-	2
	<i>Notice : Collegiality = Climatology Team</i>				
GEOG0007-1	<i>Thesis supervision and seminars</i> - COLLÉGIALITÉ	-	-	-	3
	<i>Notice : Collegiality = Climatology Team</i>				
SMEM0033-1	<i>Final thesis</i> - COLLÉGIALITÉ	-	-	-	20

Courses specific to the Study Path

Compulsory courses

CLIM0011-1	<i>Energy and territories</i> - Bernadette MERENNE#SCHOUAKER - [1d Mon. WS]	15	15	[+]	3
------------	---	----	----	-----	----------

Compulsory courses

CLIM0005-1	<i>Operational meteorology</i> - COLLÉGIALITÉ - [18d SEM]	-	-	[+]	7
	<i>Notice : Collegiality = Royal Military School and Meteorological Wing</i>				
CLIM0001-1	<i>Applied climatology</i> - Michel ERPICUM - [1d FW]	20	10	[+]	3
CLIM0015-1	<i>Programming in service of climatology (part 2)</i> - Xavier FETTWEIS	15	30	-	4
CLIM0016-1	<i>Remote sensing applied to climatology</i> - Nicolas CLERBAUX	20	10	-	3

Optional courses

Choose one module from :

Environmental and applied climatology

GEOG0630-4	<i>Climatic geomorphology</i> - Aurelia HUBERT - [4d FW]	20	-	[+]	3
GEOG0633-1	<i>Rivers dynamics</i> - François PETIT - [2d FW]	15	15	[+]	3
ENVT0879-2	<i>Applied agrometeorology</i> - Bernard TYCHON - [1d FW]	45	15	[+]	5
ENVT0881-1	<i>Environmental degradation and desertification</i> - Pierre OZER	20	-	-	2

Climate modeling

CLIM0017-1	<i>Climate modelling</i>				7
	- <i>Part 1 : Atmosphere</i> - Xavier FETTWEIS	10	20	-	
	- <i>Part 2 : Vegetation-climate interaction</i> - Louis FRANÇOIS	15	25	-	
CLIM0009-1	<i>Biogeochemical cycle modelling and global changes</i> - Louis FRANÇOIS	20	20	-	3
OCEA0010-2	<i>Physical Oceanography</i> - Jean-Marie BECKERS	20	10	-	3