

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 | 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 | Q2 | 10 | 20 | - | 3 |
| GEOG2028-1 | <i>Introduction to spatial planning</i> - JeanMarie HALLEUX - [1d FW] | Q1 | 15 | 15 | [+] | 3 |

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 | Q1 | 16 | 16 | - | 3 |
| 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 - [2d FW] | Q1 | 24 | - | [+] | 3 |
| GEOG2052-1 | <i>Field surveys in geomorphology and climatology</i> - Geoffrey HOUBRECHTS - [5d FW] | Q2 | - | 15 | [+] | 5 |
| GEOG0661-1 | <i>Earth surface processes</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 |
| GEOG2054-1 | <i>The Sustainability of Rural Systems</i> (english language) - Serge SCHMITZ | Q2 | 15 | 15 | - | 4 |
| GEOG2055-1 | <i>Transition and spatial recomposition</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

| | | | | | | |
|------------|--|----|----|----|---|---|
| GEOG0660-1 | <i>Introduction to modelling in physical geography - Partim 1 : Environment</i> (english language) - Xavier FETTWEIS | Q1 | 20 | 15 | - | 3 |
|------------|--|----|----|----|---|---|

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> (Even years) - <i>Agrometeorology Basis</i> - Bernard TYCHON - <i>Applied Agrometeorology</i> - Bernard TYCHON - [1d FW] | Q2 | | | | 7 |
| | | | 15 | 15 | - | |
| | | | 45 | 15 | [+] | |

Geomorphology and environmental risks

| | | | | | | |
|------------|---|----|----|----|-----|---|
| GEOG0242-2 | <i>Applied Geomorphology and Continental Deposits Study Methods</i> - Geoffrey HOUBRECHTS - [3d FW] | Q1 | 20 | 20 | [+] | 5 |
| GEOG0060-1 | <i>Remote sensing</i> - François JONARD | Q1 | 25 | 25 | - | 5 |
| GEOG0036-1 | <i>Seismotectonic</i> - Aurelia HUBERT (Odd years) | Q1 | 20 | 10 | - | 4 |

GEOG0036-2 *Seismotectonic, Additional information from the field* - Aurelia HUBERT - [2d FW] (Odd years) Q2 - 5 [+] 1

Human aspects of global environmental changes

GEOG2033-1 *Urban and territorial economy: spatial development* - JeanMarie HALLEUX Q2 15 15 - 3

GEOG0667-1 *The Territorial dimension of the European Green deal. Chaire Sporck (english language)* - Marina FROLOVA IGNATIEVA, Serge SCHMITZ Q2 15 6 - 2

Basic courses

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

GEOG0630-5 *Climatic geomorphology, Part A* - Aurelia HUBERT - [4d FW] Q1 15 10 [+] 3

Single focus

Research Focus

In agreement with the Jury, choose a course not already chosen among the three courses below:

Climatology

CLIM0660-1 *Introduction to modelling in physical geography - Partim 2 : Climatology (english language)* - Xavier FETTWEIS Q2 10 20 - 4

Geomorphology and environmental hazards

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

Human aspects of global environmental changes

SOCI2251-1 *European Immigration Policy (english language)* - Marco MARTINIELLO - Suppl : Thomas HUDDLESTON Q2 30 - - 4

Block 2

Compulsory courses

Core courses common to the study paths

SMEM0043-1 *Final thesis* - COLLÉGIALITÉ TA - - - 20

SSTG0060-1 *Internships* - COLLÉGIALITÉ - [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 *Operational meteorology* - COLLÉGIALITÉ - [18d SEM] Q2 - - [+] 8
Notice : Collegiality = Royal Military School and Meteorological Wing

SSTG2036-1 *Professional or scientific internship* - COLLÉGIALITÉ Q2 - - - 8

Single focus

Research Focus

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 | 20 | - | 7 |
| CLIM0024-1 | <i>Introduction to modelling in physical geography - Partim 3: Advanced climatology</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 hazards

| | | | | | | |
|------------|---|----|----|----|-----|---|
| GEOG0633-2 | <i>Rivers dynamics, Application to the management of rivers</i> - Geoffrey HOUBRECHTS - [2d FW] (Even years) | Q2 | 10 | 5 | [+] | 3 |
| GEOG0047-1 | <i>Disaster risk management</i> (english language) - Pierre OZER (Odd years) | Q1 | 20 | 10 | - | 4 |
| 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 changes

| | | | | | | |
|------------|---|----|----|----|-----|---|
| GEOG0058-1 | <i>Regional development project</i> - Guénaël DEVILLET, Serge SCHMITZ - [6d FW] | TA | 10 | 40 | [+] | 7 |
| SOCI2248-1 | <i>Refugee Studies - Forced Migration</i> (english language) - Elsa MESCOLI | Q2 | 18 | 12 | - | 6 |

[...] 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).

[...] From ULiege or another institution courses programme for a maximum of 6 credits

Bloc d'aménagement du programme de l'année

Additional credits 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 - [2d FW] | Q1 | 15 | 10 | [+] | 3 |
| GEOG0055-1 | <i>Environmental geography</i> (english language) - Part 1 - Pierre OZER, Serge SCHMITZ - Part 2 - Pierre OZER, Serge SCHMITZ - [6d FW] | Q2 | 24 | 6 | - | 5 |
| GEOG0201-4 | <i>Quaternary geology and geomorphology</i> - Theory - Aurelia HUBERT - Field - Aurelia HUBERT - [2d FW] - Futher theory - Aurelia HUBERT | Q2 | 15 | - | - | 3 |
| GEOG0204-2 | <i>Fluvial geomorphology and hydrography</i> - Geoffrey HOUBRECHTS - [3d FW] | Q2 | 20 | 15 | [+] | 3 |
| GEOG0238-5 | <i>Geographical Information Systems, Introduction</i> - Roland BILLEN, | Q1 | 15 | 15 | - | 3 |

