

## First Year

Core courses common to the study paths

### Compulsory courses

GEOG0238-1	<i>Geographical Information Systems</i> - Jean-Paul DONNAY	30	30	-	<b>6</b>
GEOG0622-1	<i>Project management</i> - Jean-Paul DONNAY	10	10	-	<b>2</b>
GEOG0605-1	<i>Regional geography and geomorphology</i> - François PETIT - [4d FW]	20	-	[+]	<b>3</b>
GEOG0631-2	<i>Seminars</i> - COLLÉGIALITÉ - [20h SEM]	-	-	[+]	<b>2</b>

Notice : Collegiality = Geography team

Courses specific to the Study Path

### Compulsory courses

PHYS0209-2	<i>Numerical methods in physics</i> - Thierry BASTIN	15	20	-	<b>3</b>
GEOG0216-3	<i>Cartographic projections</i> - Jean-Paul DONNAY	15	20	-	<b>3</b>
GEOG0262-1	<i>Methods of spatial data acquisition</i> - Roland BILLEN, René WARNANT - [3d FW]	10	20	[+]	<b>4</b>
GEOG2008-3	<i>Territorial development and spatial planning</i> - Jean-Marie HALLEUX - [1d FW]	30	30	[+]	<b>5</b>
GEOG0222-3	<i>Rural Geography</i> - Serge SCHMITZ - [3d FW]	30	16	[+]	<b>5</b>
GEOG0630-3	<i>Climatic geomorphology</i> - Aurelia HUBERT - [4d FW]	30	15	[+]	<b>4</b>
GEOG0036-1	<i>Morphotectonics and volcanism</i> - Alain DEMOULIN - [2d FW]	25	15	[+]	<b>4</b>
GEOL0290-1	<i>Introduction to sedimentary petrology</i> - Frédéric BOULVAIN - [1d FW]	30	-	[+]	<b>4</b>

Students who have already taken the cours *Numerical methods in physics* and *Cartographic projections* must choose, with the approval of the Board of Studies, courses totaling 6 ECTS not already taken in the 3rd year of Bachelor.

### Optional courses

*With the approval of the Board of Studies, choose one option from the following :*

#### Basis of geomorphology

GEOG0242-2	<i>Applied geomorphology and methods to study continental deposits</i> - Geoffrey HOUBRECHTS - [2d FW]	20	15	[+]	<b>5</b>
GEOG2012-1	<i>Coastal geomorphology</i> - Aurelia HUBERT - [2d FW]	20	10	[+]	<b>3</b>
GEOL1025-1	<i>Elements of determinative mineralogy</i> - André-Mathieu FRANSOLET	15	15	-	<b>3</b>
GEOG0633-1	<i>Rivers dynamics</i> - François PETIT - [2d FW]	15	15	[+]	<b>4</b>

#### Basis of territorial development and geomatics

GEOG0643-1	<i>Governance methods and tools</i> - Christine PARTOUNE	10	10	-	<b>3</b>
GEOG0261-1	<i>Surveys and field protocols</i> - Serge SCHMITZ - [1d FW]	15	15	[+]	<b>3</b>
GEOG2009-1	<i>Sporck Chair</i> - Bernadette MERENNE#SCHOUMAKER, Richard SHEARMUR	15	-	-	<b>1</b>

With the approval of the Board of Studies : choose 8 ECTS from the following courses :

ARCH2004-2	<i>Concrete case study : urban projects (partim)</i> - Jacques TELLER	30	-	-	<b>3</b>
ESHY0016-1	<i>Ecology Applied to Urban Planning and Land Management (part 1)</i> - Emmanuël SÉRUSIAUX	15	15	-	<b>3</b>
ECON0007-2	<i>Public Management and Transport Economics</i> - Henry-Jean GATHON	30	15	-	<b>5</b>
GEOG0234-1	<i>Photogrammetry</i> - Yves CORNET	30	15	-	<b>5</b>

[...] With the agreement of the council of studies students can also choose any other course in the program at the University of Liege.

## 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	-	<b>2</b>
GEOG0646-1	<i>Seminars</i> - COLLÉGIALITÉ	-	-	-	<b>2</b>
GEOG0658-1	<i>Final thesis supervision</i> - COLLÉGIALITÉ	-	-	-	<b>3</b>

SMEM0033-1 *Final thesis* - COLLÉGIALITÉ - - - **20**  
 Courses specific to the Study Path

#### Compulsory course

ENVT0876-1 *Applied Ecology* - Emmanuël SÉRUSIAUX 15 15 - **3**

#### Compulsory courses

SMEM0034-1 *Final thesis supplement* - COLLÉGIALITÉ - - - **9**

HULG0162-1 *Course taken at other university* - N... - - - **6**

#### Optional courses

With the agreement of the council of studies choose courses for 15 credits among the following :

MATH0221-4 *Analysis of time series* - Pierre MAGAIN 15 15 - **3**

GEOG0635-2 *Introduction to modeling in geomorphology* - Aurelia HUBERT 20 20 - **4**

GEOG0209-1 *Isotopic geochemistry and geochronology* - Jacqueline VANDER AUWERA (Odd years) 20 - - **2**

GEOG0033-2 *Applied Hydrology* - François PETIT - [1d FW] 15 15 [+] **3**

GEOG0637-1 *Evolution of fluvial systems* - François PETIT 15 15 - **3**

GEOG0638-1 *Town and country planning* - Jean-Marie HALLEUX 20 20 - **4**

GEOG0639-1 *Geography Epistemology* - Serge SCHMITZ 15 15 - **3**

PSYC1004-1 *Environmental Psychology* - Benoît DARDENNE 30 - - **3**

STAT0163-1 *Multivariate statistical analysis* - Adelin ALBERT 10 10 - **3**

[...] With the approval of the Board of Studies, students can also choose another course from the ULg courses' programme