Cycle view of the study programme

			Bl	Or	Th	Pr	Au	Cr
Focus compulsory courses (B1 : 16Cr, B2 : 14Cr)								
INFO0009-2	*Database (general organisation)* - Christophe DEBRUYNE - [25h Proj.]		B1	Q2	26	26	[+]	**5**
INFO0902-1	*Data structures and algorithms* - Pierre GEURTS - [40h Proj.]		B1	Q2	26	20	[+]	**6**
INFO0062-1	*Object-oriented programming* (english language) - Bernard BOIGELOT - [20h Proj.]		B1	Q2	25	20	[+]	**5**
ELEN0062-1	*Introduction to machine learning* (english language) - Pierre GEURTS, Louis WEHENKEL - [40h Proj.]		B2	Q1	30	5	[+]	**5**
GEOG0069-1	*Advanced GIS* - Roland BILLEN		B2	Q1	30	30	-	**4**
GEOG0070-1	*GIS project* - Roland BILLEN - [80h Proj.]		B2	Q2	-	-	[+]	**5**

Students who have already followed some of the courses, may, with the Jury's agreement, follow alternative courses in the Université of Liège course programme for the same number of credits.

			Bl	Or	Th	Pr	Au	Cr
Core curriculum compulsory courses (B1 : 44Cr, B2 : 36Cr)								
Core courses common to the study paths								
GEOG0650-2	*Impact studies* - Guénaël DEVILLET		B1	Q2	10	20	-	**3**
CLIM0026-1	*Global warming and natural risks* (english language) - Xavier FETTWEIS, JeanPascal VAN YPERSELE		B1	Q2	10	20	-	**3**
GEOG2028-1	*Introduction to spatial planning: planning systems and the major challenges of the contemporary world* - JeanMarie HALLEUX - [1d FW]		B1	Q1	15	15	[+]	**3**
GEOG0057-1	*Spatial analysis* - François JONARD		B1	Q2	30	30	-	**5**
SSTG0061-1	*Internship* - COLLÉGIALITÉ - [6w Internship]		B2	TA	-	-	[+]	**6**
SMEM0043-1	*Final thesis* - COLLÉGIALITÉ		B2	TA	-	-	-	**20**
Courses specific to the Study Path								
GEOG0037-1	*Global Navigation Satellite Systems* - René WARNANT		B1	Q1	40	15	-	**5**
GEOG0626-1	*Observation Theory* (english language) - Roberta RAVANELLI		B1	Q1	20	30	-	**5**
GEOG0060-1	*Remote sensing* - François JONARD		B1	Q1	30	30	-	**5**
GEOG0053-1	*Topography* (english language)		B1	Q1				**5**
	- *Part A* - Roberta RAVANELLI				20	10	-	
	- *Part B* - Roberta RAVANELLI - [1d FW]				10	5	[+]	
GEOG0059-1	*Infrastructures of spatial data* - Roland BILLEN, JeanPaul KASPRZYK		B1	Q1	30	30	-	**5**
GEOG0062-1	*Geovisualization* - Pierre HALLOT		B1	Q2	30	30	-	**5**
GEOG0063-1	*3D data acquisition and processing* (english language) - Roberta RAVANELLI - [2d FW]		B2	Q1	10	40	[+]	**5**
GEOG0038-1	*GNSS data processing* - René WARNANT		B2	Q1	25	30	-	**5**

Students from the Bachelor in Geography: general, who have already followed some of the courses, may, with the Jury¿s agreement, follow alternative courses in the Université of Liège course programme for the same number of credits.

			Bl	Or	Th	Pr	Au	Cr
Common core courses (B2 : 10Cr)								
Courses specific to the Study Path								

In agreement with the jury, chose courses for a total of 10 credits from among: (B2 : 10Cr)

			Bl	Or	Th	Pr	Au	Cr
GCIV0184-5	*Building Materials* - Luc COURARD, Anne HABRAKEN - [0,5d FW, 12h Labo., 12h Proj.]		B2	Q2	36	16	[+]	**5**
GEOG0066-1	*GNSS project* - René WARNANT - [60h Proj.]		B2	Q2	5	10	[+]	**5**
GEOG0067-1	*Remote sensing project* - François JONARD - [80h Proj.]		B2	Q2	-	-	[+]	**5**

GEOG0618-1	*Urban and territorial economy: real estate markets* - JeanMarie HALLEUX	B2	Q2	15	10	-		**3**
SPOL2209-3	*Territorial development and the environment: Policies and legal aspects* - Sophie HANSON	B2	Q1	30	-	-		**2**
INFO8010-1	*Deep learning* (english language) - Gilles LOUPPE - [60h Proj.]	B2	Q2	30	-	[+]		**5**
PHYS0999-1	*Digital creation in sciences* - Roland BILLEN, Valentin FISCHER, Pierre MATHONET, JeanChristophe MONBALIU, Eric PARMENTIER, Nicolas VANDEWALLE - [30h Proj.]	B2	TA	10	-	[+]		**5**

[...]   the courses programme from other study fields of the Faculty of Sciences, from other faculties or from other universities

Bridging coursesMaster in geography: geomatics (120 credits)

Optional courses (B0 : 60Cr)

Depending on the student¿s prior education and with the agreement of the Jury, choose, if necessary, courses for a maximum of 60 credits from the list below, the Bachelor in Geographic Sciences programme, general, or the programme of another field of study at ULiège. (B0 : 60Cr)

INFO0201-1	*Introduction to computer programming* - Peter SCHLAGHECK	B0	Q2	20	40	-	**5**
MATH0509-1	*General mathematics I* - Arnout VAN MESSEM	B0	Q1	25	30	-	**6**
MATH0009-6	*General mathematics II* - Françoise BASTIN	B0	Q2	15	15	-	**3**
STAT0807-1	*Descriptive statistics* - Arnout VAN MESSEM	B0	Q1	10	10	-	**2**
STAT0808-1	*Inferential statistics* - Samuel NICOLAY	B0	Q1	20	20	-	**4**
STAT0750-1	*Multivariate statistical analysis (software R)* - Arnout VAN MESSEM	B0	Q2	10	10	-	**2**
PHYS0985-1	*General physics I* - Philippe GHOSEZ	B0	Q2	45	40	-	**8**
PHYS0986-1	*General physics II* - Alejandro SILHANEK	B0	Q1	45	35	-	**6**

[...]   Bachelor in geography: general courses

[...]   couse from a programme in another field of education