

Cycle view of the study programme

B1 Or Th Pr Au Cr

Compulsory courses (B1 : 44Cr, B2 : 36Cr)

Core courses common to the study paths

GEOG0650-2	<i>Impact studies</i> - Guénaël DEVILLET	B1	Q2	10	20	-	3
CLIM0026-1	<i>Global warming and natural risks</i> (english language) - Xavier FETTWEIS	B1	Q2	10	20	-	3
GEOG2028-1	<i>Introduction to spatial planning</i> - JeanMarie HALLEUX - [1d FW]	B1	Q1	15	15	[+]	3
GEOG0057-1	<i>Spatial analysis</i> - François JONARD	B1	Q2	30	30	-	5
SSTG0061-1	<i>Internship</i> - COLLÉGIALITÉ - [6w Internship]	B2	TA	-	-	[+]	6
SMEM0043-1	<i>Final thesis</i> - COLLÉGIALITÉ	B2	TA	-	-	-	20

Courses specific to the Study Path

GEOG0037-1	<i>Global Navigation Satellite Systems</i> - René WARNANT	B1	Q1	40	15	-	5
GEOG0626-1	<i>Observation Theory</i> (english language) - Roland BILLEN	B1	Q1	20	30	-	5
GEOG0060-1	<i>Remote sensing</i> - François JONARD	B1	Q1	25	25	-	5
GEOG0053-1	<i>Topography</i> (english language) - Part A - Part B - [1d FW]	B1	Q1	20 10	10 5	- [+]	5
GEOG0059-1	<i>Infrastructures of spatial data</i> - Roland BILLEN, JeanPaul KASPRZYK	B1	Q1	30	30	-	5
GEOG0062-1	<i>Geovisualization</i> - Pierre HALLOT	B1	Q2	30	30	-	5
GEOG0063-1	<i>3D data acquisition and processing</i> (english language) - [2d FW]	B2	Q1	10	40	[+]	5
GEOG0038-1	<i>GNSS data processing</i> - 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.

Optional courses (B1 : 16Cr, B2 : 24Cr)

Courses specific to the Study Path

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

GCIV0184-5	<i>Building Materials</i> - Luc COURARD, Anne HABRAKEN - [0,5d FW, 12h Labo., 12h Proj.]	B2	Q2	36	16	[+]	5
GEOG0066-1	<i>GNSS project</i> - René WARNANT - [60h Proj.]	B2	Q2	5	10	[+]	5
GEOG0067-1	<i>Remote sensing project</i> - Philippe LEJEUNE - [80h Proj.]	B2	Q2	-	-	[+]	5
GEOG0618-1	<i>Urban and territorial economy: real estate markets</i> - JeanMarie HALLEUX	B2	Q2	15	10	-	3
SPOL2209-3	<i>Environmental and land policies</i> - Sophie HANSON	B2	Q1	30	-	-	2
INFO8010-1	<i>Deep learning</i> (english language) - Gilles LOUPPE - [60h Proj.]	B2	Q2	30	-	[+]	5

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

Choose one focus from the following : (B1 : 16Cr, B2 : 14Cr)

Professional focus in land surveyor (B1 : 16Cr, B2 : 14Cr)

DROI8041-3	<i>Property law</i> - <i>Founding principles</i> - Pascale LECOCQ - <i>Practical case</i> - Pascale LECOCQ - Suppl : Noémie GOFFLOT	B1	Q2	32 13	- -	- -	5
GCIV0620-2	<i>Introduction to geotechnics, Part A</i> - Bertrand FRANÇOIS - [1d	B1	Q1	20	10	[+]	3

	FW]								
GCIV0621-1	<i>Urban and environmental hydraulics</i> - Pierre ARCHAMBEAU, Michel PIROTON	B1	Q2	25	15	-			3
GEOG2038-1	<i>Roadway and diverse networks</i> - Pierre ARCHAMBEAU, Roland BILLEN, Frédéric COLLIN - [40h Proj.]	B1	Q2	5	15	[+]			5
GEOG0068-1	<i>Integrated project, "Land surveyor"</i> - Nicolas SARTON - [6d FW]	B2	Q1	20	5	[+]			8
GEOG0645-1	<i>Professional practices : the geometrist</i> - Roland BILLEN	B2	Q2	20	10	-			3
GEOG0267-1	<i>Land Administration</i> - Roland BILLEN, JeanMarie HALLEUX - [1d FW]	B2	Q2	15	15	[+]			3

Professional focus in geodata expert (B1 : 16Cr, B2 : 14Cr)

INFO0009-2	<i>Database (general organisation)</i> - Christophe DEBRUYNE - [25h Proj.]	B1	Q2	26	26	[+]			5
INFO0902-1	<i>Data structures and algorithms</i> - Pierre GEURTS - [40h Proj.]	B1	Q2	26	20	[+]			6
INFO0062-1	<i>Object-oriented programming (english language)</i> - Bernard BOIGELOT - [20h Proj.]	B1	Q2	25	20	[+]			5
ELEN0062-1	<i>Introduction to machine learning (english language)</i> - Pierre GEURTS, Louis WEHENKEL - [40h Proj.]	B2	Q1	30	5	[+]			5
GEOG0069-1	<i>Advanced GIS</i> - Roland BILLEN	B2	Q1	30	30	-			4
GEOG0070-1	<i>GIS project</i> - Roland BILLEN - [80h Proj.]	B2	Q2	-	-	[+]			5

Students who have already taken certain courses shall choose alternative courses in the University of Liège's course programme, with the jury's approval, for the same number of credits.

Additional ECTS Master in geography: geomatics (120 ECTS)

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	<i>Introduction to computer programming</i> - Peter SCHLAGHECK	B0	Q2	20	40	-			5
MATH0509-1	<i>General mathematics I</i> - Arnout VAN MESSEM	B0	Q1	25	30	-			6
MATH0009-6	<i>General mathematics II</i> - Françoise BASTIN	B0	Q2	15	15	-			3
STAT0807-1	<i>Descriptive statistics</i> - Arnout VAN MESSEM	B0	Q1	10	10	-			2
STAT0808-1	<i>Inferential statistics</i> - Samuel NICOLAY	B0	Q1	20	20	-			4
STAT0750-1	<i>Multivariate statistical analysis (software R)</i> - Arnout VAN MESSEM	B0	Q2	10	10	-			2
PHYS0985-1	<i>General physics I</i> - Philippe GHOSEZ	B0	Q2	45	40	-			8
PHYS0986-1	<i>General physics II</i> - Alejandro SILHANEK	B0	Q1	45	35	-			6
[...]	Bachelor in geography: general courses								
[...]	course from a programme in another field of education								