

Cycle view of the study programme

B1 Or Th Pr Au Cr

Compulsory courses (B1 : 44Cr, B2 : 26Cr)

Core courses common to the study paths

GEOG0650-2	<i>Impact studies</i> - Guénaël DEVILLET	B1	Q2	10	20	-	3
GEOG0042-2	<i>Geomorphic challenges in a changing world</i> (english language) - Matthias VANMAERCKE	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>Operational GIS</i> - N... - Suppl : Pierre HALLOT, Adrien MICHEZ	B1	Q1	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>Theory of errors</i> - René WARNANT	B1	Q1	20	30	-	5
GEOG0060-1	<i>Remote sensing</i> - N... - Suppl : Bernard TYCHON	B1	Q1	25	25	-	5
GEOG0053-1	<i>Topography</i> - Part A - Roland BILLEN - Part B - Roland BILLEN, N... - Suppl : Florent POUX - [1d FW]	B1	Q1	20	10	-	5
				10	5	[+]	
GEOG0059-1	<i>Geographical information systems</i> - N... - Suppl : Roland BILLEN, JeanPaul KASPRZYK	B1	Q1	30	30	-	5
GEOG0062-1	<i>Geovisualization</i> - Pierre HALLOT	B1	Q2	30	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 : 34Cr)

Courses specific to the Study Path

In agreement with the Jury, choose one or two module(s) for a total of 20 credits from: (exceptionally and in a duly justified manner, the student may choose one or more courses in another module) (B2 : 20Cr)

"Geomatics applied to civil engineering" module

GCIV0620-2	<i>Introduction to geotechnics, Part A</i> - Robert CHARLIER - [1d FW]	B2	Q1	20	10	[+]	3
GCIV0626-1	<i>Constructions : materials and pathologies</i> - Shady ATTIA, Roland BILLEN, Luc COURARD - [1d FW]	B2	Q1	40	20	[+]	7
GCIV0621-1	<i>Urban and environmental hydraulics</i> - Pierre ARCHAMBEAU, Michel PIROTON	B2	Q2	25	15	-	4
GEOG2038-1	<i>Roadway and diverse networks</i> - Pierre ARCHAMBEAU, Roland BILLEN, Robert CHARLIER - [40h Proj.]	B2	Q2	5	15	[+]	6

"3D Reconstruction" module

GEOG0063-1	<i>3D Acquisition</i> - N... - Suppl : Florent POUX - [0,5d FW]	B2	Q1	10	20	[+]	2
GEOG0064-1	<i>3D Recognition & Understanding</i> - N... - Suppl : Florent POUX	B2	Q1	20	25	-	3
GEOG0065-1	<i>Immersive 3D Environment</i> - N... - Suppl : Florent POUX - [40h Proj.]	B2	Q2	10	15	[+]	5

"GNSS" module

GEOG0038-1	<i>Advanced GNSS</i> - René WARNANT	B2	Q1	25	30	-	5
GEOG0066-1	<i>GNSS project</i> - René WARNANT - [60h Proj.]	B2	Q2	5	10	[+]	5

"Remote Sensing" module

ENVT3060-1	<i>Very high resolution remote sensing applied to the management of natural environments</i> - Philippe LEJEUNE	B2	Q1	18	36	-	5
GEOG0067-1	<i>Remote sensing project</i> - Philippe LEJEUNE, N... - Suppl : Adrien MICHEZ - [80h Proj.]	B2	Q2	-	-	[+]	5

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 : Elisabeth JADOUL	B1	Q2	32	-	-	5
GEOG0645-1	<i>Professional practices : the geometrist</i> - Roland BILLEN	B1	Q2	20	10	-	3
GEOG0071-1	<i>Complement of topography</i> - Roland BILLEN	B1	Q2	10	15	-	2
GEOG0267-1	<i>Land Administration</i> - Roland BILLEN, JeanMarie HALLEUX - [1d FW]	B1	Q2	15	15	[+]	3
GEOG0618-1	<i>Real estate markets</i> - JeanMarie HALLEUX	B1	Q2	15	15	-	3
SPOL2209-3	<i>Environmental and land policies</i> - Sophie HANSON	B2	Q1	30	-	-	2
GEOG0068-1	<i>"Geometrist" integrated project</i> - N... - Suppl : Florent POUX - [8d FW]	B2	Q1	20	5	[+]	10
GEOG2039-1	<i>Advanced topometry</i> - Roland BILLEN	B2	Q2	10	15	-	2

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

INFO0009-2	<i>Database (general organisation)</i> - Samuel HIARD - [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
INFO8006-1	<i>Introduction to artificial intelligence (english language)</i> - Gilles LOUPPE - [45h Proj.]	B2	Q1	25	20	[+]	5
GEOG0069-1	<i>Advanced GIS</i> - N... - Suppl : Roland BILLEN, Pierre HALLOT, JeanPaul KASPRZYK	B2	Q1	30	30	-	4
GEOG0070-1	<i>GIS project</i> - N... - Suppl : JeanPaul KASPRZYK - [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> - - Suppl : Pierre MATHONET	B0	Q1	25	30	-	6
MATH0009-6	<i>General mathematics II, 1st part</i> - Françoise BASTIN	B0	Q2	15	15	-	3
STAT0807-1	<i>Descriptive statistics</i> - Arnout VAN MESSEM - Suppl : Gentiane HAESBROECK	B0	Q1	10	10	-	2

STAT0808-1	<i>Inferential statistics</i> - Amir ABOUBACAR	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						