

Block view of the study programme

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Block 1

Compulsory courses

Core courses common to the study paths

GEOG0238-1	<i>Geographical Information Systems</i> - JeanPaul DONNAY Corequisite : GEOG0622-1 - Gestion des projets	Q2	30	30	-	6
GEOG0650-2	<i>Impact studies</i> - Guénaël DEVILLET	Q2	10	20	-	3
GEOG2028-1	<i>Spatial planning</i> - JeanMarie HALLEUX - [1d FW]	Q1	15	15	[+]	3
GEOG0622-1	<i>Project management</i> - JeanPaul DONNAY Corequisite : GEOG0238-1 - S.I.G.	Q2	10	10	-	2
GEOG0042-2	<i>Geomorphic challenges in a changing world</i> (english language) - Matthias VANMAERCKE	Q2	10	20	-	3

Courses specific to the Study Path

GEOG0626-1	<i>Theory of Errors</i> - René WARNANT	Q1	15	25	-	4
PHYS0209-2	<i>Numerical methods in physics</i> - Alejandro SILHANEK	Q1	15	20	-	4
GEOG2037-1	<i>Map Projections</i> - JeanPaul DONNAY Corequisite : PHYS0209-2 - Méthodes numériques de la physique	Q2	15	15	-	3
GEOG0037-1	<i>Global Navigation Satellite Systems</i> (english language) - René WARNANT Corequisite : GEOG0626-1 - Théorie des erreurs	Q1	40	15	-	5
GEOG0234-1	<i>Photogrammetry</i> - Yves CORNET	Q1	30	15	-	4
GEOG2038-1	<i>Roadway and Diverse Networks</i> - Roland BILLEN	Q1	10	20	-	2
GEOG2039-1	<i>Advanced Topography</i> - Roland BILLEN - [2d FW] Corequisite : GEOG0626-1 - Théorie des erreurs	Q2	10	25	[+]	4
GEOG0022-2	<i>Integrated Geomatics Project</i> - Roland BILLEN, JeanPaul DONNAY - [70h FW] Corequisite : GEOG0037-1 - Global Navigation Satellite Systems GEOG2039-1 - Topométrie avancée GEOG2038-1 - Voiries et réseaux divers (VRD) GEOG0234-1 - Photogrammétrie GEOG0238-1 - S.I.G.	Q2	-	-	[+]	6
DROI8041-3	<i>Property law</i> - <i>Founding principles</i> - Pascale LECOCQ - <i>Practical case</i> - Pascale LECOCQ - Suppl : Ruxandra POPA	Q2		32 13	- -	5
GEOG0645-1	<i>Professional practices : the geometrist</i> - Roland BILLEN Corequisite : DROI8041-4 - Droit des biens	Q2	20	10	-	3
GEOG0267-1	<i>Land Administration</i> - Roland BILLEN, JeanMarie HALLEUX - [1d FW] <i>Notice :</i> graduates of the Bachelor in Geography, general orientation, option geomatics and geometrology, who have already taken some of the courses, can choose other courses from ULg's curriculum, with the approval of the jury, for the same amount of credits.	Q2	15	15	[+]	3

Block 2

Compulsory courses

Core courses common to the study paths

GEOG0025-1	<i>Introduction to research</i> - JeanPaul DONNAY	Q1	10	10	-	2
SMEM0002-1	<i>Final thesis</i> - COLLÉGIALITÉ	TA	-	-	-	21

Courses specific to the Study Path

GEOG0631-2	<i>Seminars</i> - Roland BILLEN, COLLÉGIALITÉ, JeanPaul DONNAY - [20h SEM] <i>Notice</i> : Collegiality = Geography team	Q1	-	-	[+]	4
GEOG0618-1	<i>Real estate markets</i> - JeanMarie HALLEUX	Q1	15	15	-	3

Focus courses

Single focus

Professional Focus

SSTG0020-1	<i>Training</i> - Roland BILLEN, COLLÉGIALITÉ - [120h Internship] <i>Notice</i> : Collegiality = Geomatics and Geometrology	TA	-	-	[+]	8
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En accord avec le Jury, choisir, dans les deux listes ci-dessous, des cours pour un total de 22 crédits, dont au moins 10 crédits dans la liste "Géomètre" :

Surveyor

[...] including at least 10 ECTS from the list "Surveying"

GCIV0621-1	<i>Urban and environmental hydraulics</i> - Benjamin DEWALS	Q1	25	25	-	5
GCIV0620-1	<i>Introduction to geotechnics</i> - Robert CHARLIER - [1d FW]	Q1	30	20	[+]	5
GCIV0626-1	<i>Constructions : materials and pathologies</i> - Luc COURARD (Odd years)	Q1	40	10	-	5
ARCH0077-1	<i>Constructions : buildings and pathologies</i> - JeanMarie HAUGLUSTAINE (Even years)	Q1	40	10	-	5
SPOL2209-3	<i>Environmental and land policies</i> - - Suppl : Sophie HANSON Corequisite : GEOG2028-1 - Aménagement des territoires	Q1	30	-	-	2

Geomatics and computer science

[...] including maximum 12 ECTS from the list "Geomatics and computer science"

GEOG2044-1	<i>Spatial Analysis supplements</i> - JeanPaul DONNAY	Q2	15	20	-	4
GEOG2040-1	<i>GIScience</i> - Roland BILLEN, Pierre HALLOT	Q1	15	20	-	3
GEOG2041-1	<i>Teledetection supplements</i> - Yves CORNET	Q2	15	20	-	4
GEOG0038-1	<i>Advanced GNSS</i> (english language) - René WARNANT	Q1	20	-	-	2
GEOG0041-2	<i>Web GIS : principles and applications</i> - Part A - JeanPaul DONNAY - Part B - JeanPaul DONNAY	TA				4
GEOG2043-1	<i>Photogrammetry supplements</i> - Yves CORNET	Q1	15	20	-	4
INFO0010-6	<i>Introduction to computer networking, Part A</i> (english language) - Guy LEDUC - [8h Labo., 40h Proj.]	Q2	30	2	[+]	5
INFO0062-1	<i>Object-oriented programming</i> (english language) - Bernard BOIGELOT - [20h Proj.]	Q2	25	20	[+]	5

Bloc d'aménagement du programme de l'année

Additional ECTS Master in geography : geomatics and surveying

Optional courses

Depending on the student's previous training and with the agreement of the jury, choose, if necessary, courses for a maximum of 60 credits among the following :

MATH2014-1	<i>Mathematics supplements</i> - <i>Theory</i> - Françoise BASTIN - <i>Practice</i> - Françoise BASTIN	Q1	20	-	-	4
PHYS0903-2	<i>General Physics II</i> - Philippe GHOSEZ	Q1	45	35	-	7
STAT0076-2	<i>General statistics</i> - <i>Part A</i> - Catherine TIMMERMANS - Suppl : Stéphanie AERTS - <i>Part B</i> - Catherine TIMMERMANS - Suppl : Stéphanie AERTS	Q1	30	20	-	6
GEOG2018-1	<i>Geometric Geodesy and GNSS</i> - René WARNANT	Q1	30	15	-	4
GEOG2027-1	<i>Geodetic Supplements</i> - René WARNANT	Q2	20	10	-	3
GEOG0053-1	<i>Topography</i> - <i>Part A</i> - Roland BILLEN - <i>Part B</i> - Roland BILLEN - [2d FW]	Q1	20	10	-	6
GEOG2026-1	<i>Planology and DAO</i> - Roland BILLEN	Q1	5	15	-	2
GEOG0206-1	<i>Cartography (with an introduction to GIS)</i> - JeanPaul DONNAY	Q1	30	40	-	6
GEOG0255-1	<i>Space analysis and S.I.G.</i> - JeanPaul DONNAY	Q1	30	30	-	6
GEOG2017-1	<i>Introduction to remote sensing</i> - Yves CORNET	Q1	15	27	-	3
GEOG2022-1	<i>Remote sensing, profound notions</i> - Yves CORNET	Q2	15	20	-	3
INFO0201-1	<i>Introduction to computer programming</i> - Peter SCHLAGHECK	Q2	20	40	-	5
INFO0009-2	<i>Database (general organisation)</i> - Pierre WOLPER - Suppl : Samuel HIARD - [25h Proj.]	Q2	26	26	[+]	5