

One-year master program (60 ECTS)

Access conditions to the Master 60 (http://www.ulg.ac.be/cms/c_46108/master-en-sciences-geographiques-orientation-generale)

Compulsory courses

GEOG0238-1	<i>Geographical Information Systems</i> - Jean-Paul DONNAY	30	30	-	6
GEOG0603-2	<i>Analysis and management of landscapes</i> - Serge SCHMITZ - [2d FW]	15	30	[+]	4
GEOG2008-3	<i>Territorial development and spatial planning</i> - Jean-Marie HALLEUX - [1d FW]	30	30	[+]	5
GEOG2009-1	<i>Sporck Chair</i> - Marie-Françoise DURAND, Bernadette MERENNE#SCHOUMAKER	15	-	-	1
GEOG0222-3	<i>Rural Geography</i> - Serge SCHMITZ - [3d FW]	30	16	[+]	5
GEOG0605-1	<i>Regional geography and geomorphology</i> - François PETIT - [4d FW]	20	-	[+]	3
GEOG0630-3	<i>Climatic geomorphology</i> - Aurelia HUBERT - [4d FW]	30	15	[+]	4
GEOG0633-1	<i>Rivers dynamics</i> - François PETIT - [2d FW]	15	15	[+]	3
GEOG0036-1	<i>Morphotectonics and volcanism</i> - Alain DEMOULIN - [2d FW]	25	15	[+]	4
ENVT0030-2	<i>Managing the environment (transitional issues, instruments, case studies)</i> - Jean-Marie HAUGLUSTAINE, François MELARD, Marc MORMONT, Catherine MOUGENOT, Pierre M. STASSART	24	12	-	3
ENVT0848-3	<i>Impacts of human activities on ecosystems and including land use</i> - Célia JOAQUIM#JUSTO, Angélique LÉONARD, Roberto RENZONI, Emmanuël SÉRUSIAUX	20	10	-	2
SMEM0031-1	<i>Final thesis</i> - COLLÉGIALITÉ	-	-	-	15

Optional courses

With the approval of the Board of Studies, choose one or two courses totaling 5 ECTS, depending on the final thesis :

Geographical sciences

GEOG0242-2	<i>Applied geomorphology and methods to study continental deposits</i> - Geoffrey HOUBRECHTS - [2d FW]	20	15	[+]	5
GEOG0261-1	<i>Surveys and field protocols</i> - Serge SCHMITZ - [1d FW]	15	15	[+]	3
GEOG0618-2	<i>Real estate markets</i> - Jean-Marie HALLEUX	15	10	-	2

Students who have already taken the cours *Real estate markets* must choose, with the approval of the Board of Studies, one course totaling 2 ECTS not already taken in the 3rd year of Bachelor or in one of the programmes of Master in Geography.

Environmental management

ENVT0031-2	<i>Society / Environment (epistemology, law, economics and social sciences towards the environment)</i> - François MELARD, Marc MORMONT	24	12	-	3
ENVT0013-3	<i>Assessment tools (impact assessment, LCA)</i> - Alain HANSON, Jacques NICOLAS, Nathalie SEMAL	12	12	-	2

Notice : Students who choose the two courses from the "Environmental Science and Management" module will have direct access to the 2nd year of the Masters in Environmental Science and Management, organised on the Arlon campus. Other students will also have access to the 2nd year of the Masters in Environmental Science and Management, on the condition that they take these two courses in addition to the 60 credits for this study year.

Two-Year Master Program (120 ECTS)

Access conditions to the Master 120

(http://www.ulg.ac.be/cms/c_46108/master-en-sciences-geographiques-orientation-generale)

First Year

Core courses common to the study paths

Compulsory courses

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

Notice : Collegiality = Geography team

Courses specific to the Study Path

Compulsory courses

PHYS0209-2	<i>Numerical methods in physics</i> - Thierry BASTIN	15	20	-	3
GEOG0216-3	<i>Cartographic projections</i> - Jean-Paul DONNAY	15	20	-	3
GEOG0262-2	<i>Methods of spatial data acquisition</i> - Roland BILLEN, René WARNANT - [3d FW]	15	15	[+]	4
GEOG2008-3	<i>Territorial development and spatial planning</i> - Jean-Marie HALLEUX - [1d FW]	30	30	[+]	5
GEOG0222-3	<i>Rural Geography</i> - Serge SCHMITZ - [3d FW]	30	16	[+]	5
GEOG0630-3	<i>Climatic geomorphology</i> - Aurelia HUBERT - [4d FW]	30	15	[+]	4
GEOG0036-1	<i>Morphotectonics and volcanism</i> - Alain DEMOULIN - [2d FW]	25	15	[+]	4
GEOL0006-1	<i>Rocks and sedimentary processes</i> - Frédéric BOULVAIN - [1d FW]	30	-	[+]	4

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	[+]	5
GEOG2012-1	<i>Coastal geomorphology</i> - Aurelia HUBERT - [2d FW]	20	10	[+]	3
GEOL1025-1	<i>Elements of determinative mineralogy</i> - André-Mathieu FRANSOLET	15	15	-	3
GEOG0633-1	<i>Rivers dynamics</i> - François PETIT - [2d FW]	15	15	[+]	4

Basis of territorial development and geomatics

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

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	-	-	3
ESHY0016-1	<i>Ecology Applied to Urban Planning and Land Management (part 1)</i> - Emmanuël SÉRUSIAUX	15	15	-	3
ECON0007-2	<i>Public Management and Transport Economics</i> - Henry-Jean GATHON	30	15	-	5
GEOG0234-1	<i>Photogrammetry</i> - Yves CORNET	30	15	-	5

[...] 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 (new programme for 2011-2012)

Core courses common to the study paths

Compulsory courses

GEOG0025-1	<i>Research Design in Spatial Sciences</i> - Jean-Paul DONNAY	10	10	-	2
SPOL2209-3	<i>Environmental and land policies</i> - Quentin MICHEL	30	-	-	3
GEOG0007-1	<i>Thesis supervision and seminars</i> - COLLÉGIALITÉ	-	-	-	2
SMEM0033-1	<i>Final thesis</i> - COLLÉGIALITÉ	-	-	-	20

Courses specific to the Study Path

Compulsory course

GEOG0650-2	<i>Impact studies</i> - Guénaél DEVILLET	10	20	-	3
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Choose one of the following focus :

Teaching focus

Compulsory courses

AESS0246-1	<i>Analysis of scholastic institutions and key-players, educational policies</i> - Jacqueline BECKERS	15	-	-	1
AESS0247-1	<i>Views on cultural diversity</i> - Jérôme JAMIN	10	-	-	1
AESS0248-1	<i>Elements of sociology of education</i> - Jean-François GUILLAUME	10	-	-	1
AESS0140-1	<i>Professional ethics and training to neutrality and citizenship</i> - Anne HERLA	25	-	-	2
AESS0202-1	<i>General didactics: course and exercises ; observation placements ; reflexive practices</i> - Annick FAGNANT - [10h Internship]	30	10	[+]	4
AESS0004-1	<i>Media education</i> - Geneviève VAN CAUWENBERGE	15	-	-	1
AESS0249-1	<i>Interdisciplinary seminar</i> - Annick FAGNANT	15	-	-	1
AESS0143-1	<i>Educational Psychology of adolescents and young adults</i> - Annick FAGNANT	15	-	-	2
AESS0142-1	<i>Seminar on prevention and management of difficult school situations</i> - Jocelyne ROBERT	15	-	-	2
AESS0218-1	<i>Special didactics in geography (part I)</i>				6
	- <i>Course and exercises</i> - Christine PARTOUNE	40	-	-	
	- <i>Training course : teaching observation</i> - Christine PARTOUNE - [10h Internship]	-	-	[+]	
	- <i>Training course : teaching</i> - Christine PARTOUNE - [20h Internship]	-	-	[+]	
	- <i>Reflexive practical work</i> - Christine PARTOUNE	-	5	-	
AESS0236-1	<i>Special didactics in geography (part II)</i>				9
	- <i>Course and exercises</i> - Christine PARTOUNE	35	-	-	
	- <i>Teaching placements</i> - Christine PARTOUNE - [20h Internship]	-	-	[+]	
	- <i>Reflexive practical work</i> - Christine PARTOUNE	-	5	-	
	- <i>School practical outside lectures</i> - Christine PARTOUNE	-	10	-	

Professional focus in geomorphology

Compulsory courses

GEOG0642-1	<i>Dynamic geomorphology</i> - COLLÉGIALITÉ, François PETIT - [1d FW]	15	15	[+]	3
	<i>Notice</i> : Collegiality = Physical Geography team				
GEOG0033-2	<i>Applied Hydrology</i> - François PETIT - [1d FW]	15	15	[+]	3
GEOG0263-1	<i>Geomatics applied to geomorphology</i> - Yves CORNET	10	10	-	2
GEOG0635-2	<i>Introduction to modeling in geomorphology</i> - Aurelia HUBERT	20	20	-	4
GEOG0008-1	<i>Geophysics</i> - René WARNANT - [1d FW]	25	-	[+]	3
GEOG0632-1	<i>Hillslope processes</i> - Aurelia HUBERT - [1d FW]	10	-	[+]	2
GEOL0282-1	<i>Sedimentary and environmental geochemistry</i> - Nathalie FAGEL	20	20	-	4
GEOL0013-3	<i>Hydrogeology</i> - Alain DASSARGUES	20	20	-	3
GEOG0264-1	<i>Geomorphological survey</i> - COLLÉGIALITÉ - [4d FW]	-	15	[+]	6
	<i>Notice</i> : Collegiality = Physical Geography team				

Professional focus in Territorial development and geomatics

Compulsory courses

SSTG0014-1	<i>Internship in a company or in an administration</i> - COLLÉGIALITÉ	-	-	-	12
GEOG0265-1	<i>Geomatics applied to the analysis of the territories</i> - Jean-Paul DONNAY	10	10	-	2
GEOG0603-2	<i>Analysis and management of landscapes</i> - Serge SCHMITZ - [2d FW]	15	30	[+]	4
GEOG0659-2	<i>Geomarketing</i> - Guénaël DEVILLET	15	30	-	4
GEOG0618-3	<i>Real estate markets</i> - Jean-Marie HALLEUX	15	25	-	4
GEOG0644-1	<i>Regional Survey, Workshops and Fieldworks</i> - Serge SCHMITZ - [5d FW]	15	15	[+]	4

Students who have already taken the cours *Numerical methods in physics* must choose, with the approval of the Board of Studies, one course totaling 4 ECTS not already taken in the 3rd year of Bachelor or in one of the programmes of Master in Geography.

Students can also choose an optional module offered by the partner universities of Montpellier (France) and Sherbrooke (Canada).