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## A single year

### Compulsory courses

GEOG0238-1	<i>Geographical Information Systems</i> - JeanPaul DONNAY	Q2	30	30	-	<b>6</b>
GEOG0603-2	<i>Analysis and management of landscapes</i> - Serge SCHMITZ - [2d FW]	Q1	15	30	[+]	<b>4</b>
GEOG2008-3	<i>Territorial development and spatial planning</i> - JeanMarie HALLEUX - [1d FW]	Q1	30	30	[+]	<b>5</b>
GEOG2009-1	<i>Sporck Chair</i> - Bernadette MERENNESCHOUMAKER, N... - Suppl : Antonio DA CUNHA	Q1	15	-	-	<b>1</b>
GEOG0222-3	<i>Rural Geography</i> - Serge SCHMITZ - [3d FW]	Q1	30	16	[+]	<b>5</b>
GEOG0605-1	<i>Regional geography and geomorphology</i> - François PETIT - [4d FW]	TA	20	-	[+]	<b>3</b>
GEOG0630-3	<i>Climatic geomorphology</i> - Aurelia HUBERT - [4d FW]	TA	30	15	[+]	<b>4</b>
GEOG0633-1	<i>Rivers dynamics</i> - François PETIT - [2d FW]	TA	15	15	[+]	<b>3</b>
GEOG0036-1	<i>Morphotectonics and volcanism</i> - Alain DEMOULIN - [2d FW]	Q2	25	15	[+]	<b>4</b>
ENVT0030-2	<i>Managing the environment</i> - JeanMarie HAUGLUSTAINE, François MELARD, Pierre M. STASSART	Q2	24	12	-	<b>3</b>
ENVT0848-3	<i>Impacts of human activities on ecosystems and including land use</i> - Dorothee DENAYER, Célia JOAQUIMJUSTO, Angélique LÉONARD, Roberto RENZONI	Q1	20	10	-	<b>2</b>
SMEM0031-1	<i>Final thesis</i> - COLLÉGIALITÉ	TA	-	-	-	<b>15</b>

### Optional courses

With the approval of the Jury, 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]	Q1	20	15	[+]	<b>5</b>
GEOG0261-1	<i>Surveys and field protocols</i> - Serge SCHMITZ - [1d FW]	Q1	15	15	[+]	<b>3</b>
GEOG0618-2	<i>Real estate markets</i> - JeanMarie HALLEUX	Q1	15	10	-	<b>2</b>

Students who have already taken the cours *Real estate markets* must choose, with the approval of the Jury, 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</i> - Dorothee DENAYER, François MELARD	Q2	24	12	-	<b>3</b>
ENVT0013-3	<i>Assessment tools (impact assessment, LCA)</i> - Alain HANSON, Nathalie SEMAL	Q2	12	12	-	<b>2</b>

*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.