

## First Year

### Compulsory courses

MATH0009-2	<i>General mathematics</i>				<b>13</b>
	- Part A (S1 - Common courses) - Françoise BASTIN	30	30	-	
	- Part B (S2) - Françoise BASTIN	30	30	-	
PHYS0088-1	<i>Physics</i>				<b>9</b>
	- Part A (S1 - Common courses) - Nicolas VANDEWALLE	30	30	-	
	- Part B (S2) - Philippe GHOSEZ - Suppl : Julien VARIGNON	15	10	-	
CHIM0099-4	<i>Chemistry</i>				<b>10</b>
	- part A (S1 - Common courses) - Rudi CLOOTS	30	30	-	
	- part B (S2) - Rudi CLOOTS	25	10	-	
BIOL0006-2	<i>Biology</i>				<b>9</b>
	- part A (S1 - Common courses) - Marc THIRY	30	30	-	
	- part B (S2) - Patrick DAUBY - [0,5d FW]	20	15	[+]	
STER0001-1	<i>Introduction to geography and geology, (Q1 - Tronc commun)</i> - Jean-Paul DONNAY, Michel ERPICUM, Jean-Marie HALLEUX, Edouard POTY	10	-	-	<b>1</b>
<b>Introduction to Geographical Sciences</b>					
GEOG0249-1	<i>Part : economic and social geography</i> - Jean-Marie HALLEUX	15	12	-	<b>3</b>
GEOG0250-1	<i>Part : geomatics and geometrology</i> - Jean-Paul DONNAY - [1d FW]	15	9	[+]	<b>3</b>
GEOG0251-2	<i>Part : physical geography</i> - Michel ERPICUM	15	12	-	<b>3</b>
INFO0201-1	<i>Introduction to computer programming</i> - Peter SCHLAGHECK	20	40	-	<b>5</b>
LANG0076-1	<i>English 1, (Q1 + Q2)</i> (english language) - Véronique DOPPAGNE, ISLV	45	-	-	<b>4</b>

## Second Year

### Compulsory courses

STAT0203-1	<i>General statistics and data processing</i> - Adelin ALBERT	30	30	-	<b>6</b>
PHYS0903-2	<i>General Physics II</i> - Philippe GHOSEZ	45	35	-	<b>7</b>
GEOL0202-1	<i>Geology</i> - Edouard POTY - [4d FW]	30	30	[+]	<b>7</b>
GEOG0204-2	<i>Geomorphology and hydrography</i> - François PETIT	30	30	-	<b>6</b>
LANG0077-1	<i>English 2</i> (english language) - Véronique DOPPAGNE, ISLV	45	-	-	<b>4</b>

### Optional courses

Choose one option from the following :

#### Basic Option 1

GEOG0207-4	<i>Quaternary and global change studies</i> - Alain DEMOULIN, Michel ERPICUM - [2d FW]	30	-	[+]	<b>4</b>
ECON0100-3	<i>Introduction to Political Economy</i> - Jacques DEFOURNY	30	-	-	<b>4</b>
GEOG0208-1	<i>Elements of Historical Criticism for the use of Geographers</i> - Pierre ALEXANDRE	30	-	-	<b>3</b>
GEOG0205-3	<i>Introduction to Economic Geography</i> - Jean-Marie HALLEUX - [2d FW]	15	10	[+]	<b>3</b>
ASTR0213-2	<i>Geometric Geodesy and Positional Astronomy</i> - René WARNANT - [1d FW]	25	5	[+]	<b>3</b>
GCIV0032-6	<i>Surveying</i> - Roland BILLEN - [1,25d FW]	10	-	[+]	<b>2</b>
GEOG0206-1	<i>Cartography (with an introduction to GIS)</i> - Jean-Paul DONNAY	30	40	-	<b>7</b>
GEOG0627-1	<i>Practical field work in geomorphology and hydrography</i> - François PETIT - [3d FW]	-	-	[+]	<b>1</b>
GEOG2006-1	<i>Population Geography</i> - Serge SCHMITZ	20	10	-	<b>3</b>

#### Option Geomatics and Geometrology 1

MATH0232-1	<i>Complements of General Mathematics (calculus II)</i> - Françoise BASTIN	30	25	-	<b>6</b>
ASTR0213-1	<i>Geometric Geodesy and Positional Astronomy</i> - René WARNANT - [1d FW]	30	15	[+]	<b>5</b>
GEOG0232-4	<i>Surveying : Equipments and Methods</i> - Roland BILLEN - [2d FW]	30	15	[+]	<b>6</b>
GEOG0206-2	<i>Cartography (with an introduction to GIS)</i> - Jean-Paul DONNAY	30	50	-	<b>8</b>
INFO0062-1	<i>Object-Oriented Programming</i> - Bernard BOIGELOT	30	30	-	<b>5</b>

### Optional free course

OCEA0053-1 *Study of Oceans and Coastal Management* - Sylvie GOBERT, Anne GOFFART 15 25 - 4

### Third Year

#### Compulsory courses

GEOG0212-1	<i>Pedology - N... - Suppl</i> : Patrick ENGELS - [1d FW]	15	8	[+]	3
GEOG0255-1	<i>Space analysis and S.I.G.</i> - Jean-Paul DONNAY	30	30	-	6
GEOG0024-1	<i>Remote Sensing</i> - Yves CORNET	30	30	-	6
GEOG2007-1	<i>Location of economic activities</i> - Guénaél DEVILLET - [2d FW]	30	15	[+]	6
INFO0009-2	<i>Introduction to Data Bases (partim)</i> - Pierre WOLPER	25	25	-	5
LANG0082-2	<i>English 3 (english language)</i> - Véronique DOPPAGNE, Ellen HARRY, ISLV	60	-	-	4
STRA0003-1	<i>Personal works</i> - COLLÉGIALITÉ	50	-	-	5

Notice : Collegial administration= geography team

#### Optional courses

##### *Follow-up to the option chosen in year 2 :*

##### Basic Option 2

	<u>Prerequisite</u>	"Option Fondamentale 1"			
PHIL0201-1	<i>Elements of philosophy</i> - Julien PIERON		15	-	- 2
BOTA0202-1	<i>Elements of botany and phytogeography</i> - Alain HAMBUECKERS - [2d FW]		30	20	[+] 4
GEOG0269-1	<i>Introduction to urban geography</i> - Jean-Marie HALLEUX - [2d FW]		15	15	[+] 3
GEOG0217-1	<i>Hydrology</i> - François PETIT - [1d FW]		15	10	[+] 3
GEOG0218-1	<i>Climatology and elementary meteorology</i> - Michel ERPICUM - [2d FW]		30	30	[+] 5
GEOG0209-3	<i>Cultural and political geography</i> - Serge SCHMITZ - [2,5d FW]		30	15	[+] 6
GEOG0266-1	<i>Introduction to documentary research</i> - Annick ANCEAU		10	10	- 2

##### Option Geomatics and Geometrology 2

	<u>Prerequisite</u>	"Option Géomatique et Géométrie 1"			
PHYS0209-2	<i>Numerical methods in physics</i> - Thierry BASTIN		15	20	- 4
DROI2222-1	<i>Notions of property law</i> - Pascale LECOCQ		45	-	- 5
GEOG0216-1	<i>Cartographic projections</i> - Jean-Paul DONNAY		15	15	- 3
GEOG0267-1	<i>Land Administration</i> - Roland BILLEN, Jean-Marie HALLEUX - [1d FW]		15	15	[+] 3
GEOG0268-1	<i>Operational topography</i> - Roland BILLEN - [2d FW]		10	10	[+] 4
GEOG0039-1	<i>Introduction to GNSS</i> - René WARNANT - [2d FW]		15	5	[+] 3
GEOG0626-1	<i>Theory of Errors</i> - René WARNANT		15	15	- 3