

## First Year

### Compulsory courses

#### First semester

MATH0229-5	<i>General mathematics (Calculus), part A</i> - Françoise BASTIN	30	30	-	7
PHYS2004-1	<i>Physics</i> - Nicolas VANDEWALLE	30	30	-	7
CHIM9213-2	<i>Chemistry</i> - Rudi CLOOTS	30	30	-	7
BIOL2008-1	<i>Biology</i> - Jean-Marie BOUQUEGNEAU, Patrick DAUBY, Alain HAMBUECKERS, Bernard JORIS, Claire REMACLE, Catherine SADZOT, Marc THIRY	30	30	-	6
STER0001-1	<i>Introduction to geography and geology</i> - Jean-Paul DONNAY, Michel ERPICUM, Jean-Marie HALLEUX, Edouard POTY	10	-	-	1

#### Second semester

PHYS2006-2	<i>General Physics</i> - Philippe GHOSEZ	15	10	-	2
MATH0475-2	<i>Calculus, part B</i> - Françoise BASTIN	30	30	-	6
BIOL2005-1	<i>Biology (diversity, development and environment)</i> - Patrick DAUBY - [1half-d FW]	20	15	[+]	3
CHIM9215-2	<i>General Chemistry</i> - Rudi CLOOTS	25	10	-	3
<b>Introduction to Geographical Sciences</b>					
GEOG0249-1	<i>Part : economic and social geography</i> - Jean-Marie HALLEUX	15	12	-	3
GEOG0250-1	<i>Part : geomatics and geometrology</i> - Jean-Paul DONNAY - [1d FW]	15	9	[+]	3
GEOG0251-2	<i>Part : physical geography</i> - Michel ERPICUM	15	12	-	3
INFO0201-1	<i>Introduction to computer programming</i> - Peter SCHLAGHECK	20	40	-	5

#### All year round

LANG0076-1	<i>English 1 (english language)</i> - Véronique DOPPAGNE, ISLV, Kevin NOIROUX	45	-	-	4
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## Second Year

### Compulsory courses

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

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

#### Option Geomatics and Geometrology 1

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

## 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> - Jean-Marie HALLEUX - [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, Christine FILOT, ISLV	60	-	-	4
STRA0003-1	<i>Personal works</i> - COLLÉGIALITÉ	50	-	-	5

Notice : Collegiality = 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> - Vincent DEMOULIN - [2d FW]	30	20	[+]	4
GEOG0208-1	<i>Elements of Historical Criticism for the use of Geographers</i> - Pierre ALEXANDRE	30	-	-	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
GEOG0625-1	<i>Global Navigation Satellite Systems</i> - René WARNANT	25	5	-	3
GEOG0626-1	<i>Theory of Errors</i> - René WARNANT	15	15	-	3

**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> - Jean-Marie HALLEUX - [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, Christine FILOT, 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> - Vincent DEMOULIN - [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	[+]	<b>6</b>
GEOG0266-1	<i>Introduction to documentary research</i> - Annick ANCEAU	10	10	-	<b>2</b>

**Geomatics and geometrology 2**

	<u>Prerequisite</u>	"Option Géomatique et Géométrie 1"			
PHYS0209-2	<i>Numerical methods in physics</i> - Thierry BASTIN	15	20	-	<b>4</b>
DROI2222-1	<i>Notions of property law</i> - Pascale LECOCQ	45	-	-	<b>5</b>
GEOG0216-1	<i>Cartographic projections</i> - Jean-Paul DONNAY	15	15	-	<b>3</b>
GEOG0267-1	<i>Land Administration</i> - Roland BILLEN, Jean-Marie HALLEUX - [1d FW]	15	15	[+]	<b>3</b>
GEOG0268-1	<i>Operational topography</i> - Roland BILLEN - [2d FW]	10	10	[+]	<b>4</b>
GEOG0625-1	<i>Global Navigation Satellite Systems</i> - René WARNANT	25	5	-	<b>3</b>
GEOG0626-1	<i>Theory of Errors</i> - René WARNANT	15	15	-	<b>3</b>