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## 1st year (Block 1)

### Compulsory courses

#### First semester

MATH0009-4	<i>General mathematics, Part A</i> - Françoise BASTIN	Q1	30	30	-	7
PHYS0188-1	<i>Physics, Part A</i> - Nicolas VANDEWALLE	Q1	30	30	-	7
CHIM0199-1	<i>Chemistry, Part A</i> - Rudi CLOOTS	Q1	30	30	-	7
STER0002-1	<i>Earth sciences</i> - JeanPaul DONNAY, Frédéric HATERT	Q1	30	30	-	7

#### Second semester

MATH0009-5	<i>General mathematics, Part B</i> - Françoise BASTIN	Q2	30	30	-	6
PHYS0188-2	<i>Physics, Part B</i> - Philippe GHOSEZ	Q2	15	10	-	2
CHIM0199-3	<i>Chemistry, Part B</i> - Rudi CLOOTS	Q2	25	10	-	3
BIOL0027-1	<i>Biology</i> - Patrick DAUBY - [1d FW]	Q2	30	30	[+]	6
INFO0201-1	<i>Introduction to computer programming</i> - Peter SCHLAGHECK	Q2	20	40	-	5

#### Introduction to Geographical Sciences

GEOG0249-1	<i>Part : economic and social geography</i> - JeanMarie HALLEUX	Q2	15	12	-	3
GEOG0251-2	<i>Part : physical geography</i> - Michel ERPICUM	Q2	15	12	-	3

#### All year round

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

### Compulsory courses

STAT0076-2	<i>General statistics - N...</i> - Suppl : Yvik SWAN, Thomas VERDEBOUT	Q1	30	30	-	6
PHYS0903-2	<i>General Physics II</i> - Philippe GHOSEZ	Q1	45	35	-	7
GEOL0202-1	<i>Geology - N...</i> - Suppl : HansBalder HAVENITH - [4d FW]	Q2	30	30	[+]	7
GEOG0204-2	<i>Geomorphology and hydrography</i> - François PETIT	Q2	30	30	-	6
LANG0077-1	<i>English 2 (english language)</i> - Véronique DOPPAGNE, ISLV	TA	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]	TA	35	-	[+]	4
ECON0100-3	<i>Introduction to Political Economy</i> - Jacques DEFOURNY	Q1	30	-	-	4
GEOG0208-1	<i>Elements of Historical Criticism for the use of Geographers</i> - Pierre ALEXANDRE	Q2	30	-	-	3
GEOG0205-3	<i>Introduction to Economic Geography</i> - JeanMarie HALLEUX - [2d FW]	Q2	15	10	[+]	3
ASTR0213-2	<i>Geometric Geodesy and Positional Astronomy</i> - René WARNANT - [1d FW]	Q1	25	5	[+]	3
GCIV0032-6	<i>Topography</i> - Roland BILLEN - [1,25d FW]	Q1	10	-	[+]	2
GEOG0206-1	<i>Cartography (with an introduction to GIS)</i> - JeanPaul DONNAY	Q1	30	40	-	7
GEOG0627-1	<i>Practical field work in geomorphology and hydrography</i> - François PETIT - [3d FW]	Q2	-	-	[+]	1
GEOG2006-1	<i>Population Geography</i> - Serge SCHMITZ	Q2	20	10	-	3

#### Option Geomatics and Geometrology 1

MATH0232-1	<i>Complement of General Mathematics</i> - Françoise BASTIN	Q1	30	25	-	6
ASTR0213-1	<i>Geometric Geodesy and Positional Astronomy</i> - René WARNANT - [1d FW]	Q1	30	15	[+]	5
GEOG0232-4	<i>Topography : Equipments and Methods</i> - Roland BILLEN - [2d FW]	Q1	30	15	[+]	6
GEOG0206-2	<i>Cartography (with an introduction to GIS)</i> - JeanPaul DONNAY	Q1	30	50	-	8
INFO0062-1	<i>Object-Oriented Programming</i> - Bernard BOIGELOT - [20h Proj.]	Q2	30	24	[+]	5

### Optional free course

OCEA0053-1 *Study of Oceans and Coastal Management* - Sylvie GOBERT, Anne GOFFART Q2 15 25 - 4

### Third year

#### Compulsory courses

GEOG0212-1	<i>Pedology</i> - Gilles COLINET - [1d FW]	Q2	15	8	[+]	3
GEOG0255-1	<i>Space analysis and S.I.G.</i> - JeanPaul DONNAY	Q1	30	30	-	6
GEOG0024-1	<i>Remote Sensing</i> - Yves CORNET	Q2	30	30	-	6
GEOG2007-1	<i>Location of economic activities</i> - Guénaël DEVILLET - [2d FW]	Q1	30	15	[+]	6
INFO0009-2	<i>Database (general organisation) (partim)</i> - Pierre WOLPER	Q2	25	25	-	5
LANG0082-1	<i>English 3 (english language)</i> - Clara BRERETON, Véronique DOPPAGNE, Ellen HARRY, ISLV	TA	45	-	-	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 sciences philosophy</i> - Julien PIERON	Q2	15	-	-	2
BOTA0202-1	<i>Elements of botany and phytogeography</i> - Alain HAMBUECKERS - [2d FW]	Q2	30	20	[+]	4
GEOG0269-1	<i>Introduction to urban geography</i> - JeanMarie HALLEUX - [2d FW]	Q2	15	15	[+]	3
GEOG0217-1	<i>Hydrology</i> - François PETIT - [1d FW]	Q1	15	10	[+]	3
GEOG0218-1	<i>Climatology and elementary meteorology</i> - Michel ERPICUM - [2d FW]	TA	30	30	[+]	5
GEOG0209-3	<i>Cultural and political geography</i> - Serge SCHMITZ - [2,5d FW]	Q1	30	15	[+]	6
GEOG0266-1	<i>Introduction to documentary research</i> - Annick ANCEAU	Q2	10	10	-	2

##### Option Geomatics and Geometrology 2

	<u>Prerequisite</u>	"Option Géomatique et Géométrie 1"				
PHYS0209-2	<i>Numerical methods in physics</i> - Alejandro SILHANEK	Q1	15	20	-	4
DROI2222-1	<i>Notions of property law</i> - Pascale LECOCQ - Suppl : Arianne SALVÉ	Q1	45	-	-	5
GEOG0216-1	<i>Complement of cartographic projections</i> - JeanPaul DONNAY	Q2	15	15	-	3
GEOG0267-1	<i>Land Administration</i> - Roland BILLEN, JeanMarie HALLEUX - [1d FW]	Q2	15	15	[+]	3
GEOG0268-1	<i>Operational topography</i> - Roland BILLEN - [2d FW]	Q2	10	10	[+]	4
GEOG0039-1	<i>Introduction to GNSS</i> - René WARNANT - [2d FW]	Q2	15	5	[+]	3
GEOG0626-1	<i>Theory of Errors</i> - René WARNANT	Q1	15	15	-	3