

## First Year

### Compulsory courses (taught every year)

GEOG0234-1	<i>Photogrammetry - N...</i> - Suppl : Albert COLLIGNON	30	15	-	<b>5</b>
GEOG0238-1	<i>Geographical Information Systems</i> - Jean-Paul DONNAY	30	30	-	<b>6</b>

### Compulsory courses (taught every other year)

GEOG0025-1	<i>Research Design in Spatial Sciences</i> - Jean-Paul DONNAY (Odd years)	10	10	-	<b>2</b>
GEOG0622-1	<i>Project management</i> - Jean-Paul DONNAY (Even years)	10	10	-	<b>2</b>

### Optional courses

*Choose one option from the following :*

#### Option Surveyor 1

GEOG0019-2	<i>Applied Surveying</i> - Roland BILLEN	30	40	-	<b>6</b>
GEOG0022-1	<i>Integrated Geomatics Project</i> - Roland BILLEN, Jean-Paul DONNAY - [80h FW]	-	-	[+]	<b>8</b>
GEOG0645-1	<i>Professional practices: the geometrist</i> - N...	20	10	-	<b>3</b>
GCIV0621-1	<i>Urban and environmental hydraulics</i> - Michel PIROTON	25	25	-	<b>5</b>
GEOG0603-1	<i>Analysis and management of landscapes</i> - Serge SCHMITZ - [2d FW]	15	15	[+]	<b>3</b>
GEOG0647-1	<i>Seminars (1st part)</i> - COLLÉGIALITÉ - [3d FW]	20	-	[+]	<b>4</b>

*Notice :* Collegial administration: Geomatics and Geometrology

#### Option Applied Geomatics 1

GEOG0255-1	<i>Space analysis and S.I.G.</i> - Jean-Paul DONNAY	30	30	-	<b>6</b>
GEOG0024-1	<i>Remote Sensing</i> - Yves CORNET	30	30	-	<b>6</b>
GEOG0232-4	<i>Surveying : Equipments and Methods</i> - Roland BILLEN - [2d FW]	30	15	[+]	<b>6</b>
GEOG0206-1	<i>Cartography (with an introduction to GIS)</i> - Jean-Paul DONNAY	30	40	-	<b>7</b>
PHYS0209-2	<i>Numerical methods in physics</i> - Thierry BASTIN	15	20	-	<b>4</b>

*Choose a second option from :*

#### Option Surveyor 2

	<u>Requisite</u>	"Option Géomètre 1"			
ARCH0113-1	<i>Technical elements of building construction</i> - Jean-Marie HAUGLUSTAINE	30	-	-	<b>4</b>
GCIV0620-1	<i>Introduction to geotechnics</i> - Robert CHARLIER - [1d FW]	30	20	[+]	<b>5</b>
SPOL2209-3	<i>Politics of sustainable development (land and environment)</i> - Quentin MICHEL	30	-	-	<b>3</b>
GEOG0607-2	<i>Topoclimatology</i> - Michel ERPICUM - [1d FW]	15	15	[+]	<b>3</b>

Choose one of the following courses :

GEOG0033-2	<i>Applied Hydrology</i> - François PETIT - [1d FW]	15	15	[+]	<b>3</b>
ESHY0016-1	<i>Ecology Applied to Urban Planning and Land Management (partim I)</i> - Emmanuel SÉRUSIAUX	15	15	-	<b>3</b>
GEOL0238-1	<i>Groundwater production, protection and remediation</i> - Alain DASSARGUES	15	15	-	<b>3</b>

#### Option Applied Geomatics 2

	<u>Requisite</u>	"Option Géomatique appliquée 1"			
ASTR0213-1	<i>Geometric Geodesy and Positional Astronomy</i> - René WARNANT - [1d FW]	30	15	[+]	<b>5</b>
INFO0204-1	<i>Further Computing</i> - Henri-Pierre GARNIR, Geoffroy LUMAY	45	-	-	<b>5</b>
INFO0009-1	<i>Introduction to Data Bases</i> - Pierre WOLPER	30	30	-	<b>6</b>
GEOG0647-3	<i>Seminars (1st part)</i> - COLLÉGIALITÉ - [1d FW]	10	-	[+]	<b>2</b>

*Notice :* Collegial administration: Geomatics and Geometrology

## Second Year

#### Compulsory courses (taught every year)

GEOG0648-1	<i>Questions relating to Geomatics</i> - COLLÉGIALITÉ	20	30	-	5
	<i>Notice</i> : Collegial administration: Geomatics and Geometrology				
SMEM0002-1	<i>Final thesis</i> - COLLÉGIALITÉ	-	-	-	20
GEOG0658-1	<i>Final thesis supervision</i> - COLLÉGIALITÉ	-	-	-	3

#### Compulsory courses (taught every other year)

GEOG0025-1	<i>Research Design in Spatial Sciences</i> - Jean-Paul DONNAY	10	10	-	2
GEOG0622-1	<i>Project management</i> - Jean-Paul DONNAY (Even years)	10	10	-	2

#### Compulsory courses

GCIV0622-1	<i>Construction: materials and maintenance</i> - Luc COURARD	45	10	-	6
INFO0010-2	<i>Introduction to Computer Networks</i> - Guy LEDUC	30	15	-	5
SSTG0020-1	<i>Training</i> - COLLÉGIALITÉ - [120h Internship]	-	-	[+]	9
	<i>Notice</i> : Collegial administration: Geomatics and Geometrology				
GEOG0649-3	<i>Seminars (2nd part)</i> - COLLÉGIALITÉ - [1d FW]	20	-	[+]	2
	<i>Notice</i> : Collegial administration: Geomatics and Geometrology				
ARCH0059-1	<i>Pathology of buildings</i> - N...	15	-	-	3
GEST0188-2	(pas organisé en 2008-2009) <i>Determination and Recognition of Quality and Conformity</i> - Jean-Marie RIGO	20	10	-	3
GEOG0650-1	<i>Impact studies</i> - COLLÉGIALITÉ, Guenaël DEVILLET, Bernadette MERENNE#SCHOUMAKER	10	10	-	2
	<i>Notice</i> : Collegial administration= Geography team				

#### Optional courses

Choose one of the following courses :

GEOG0033-2	<i>Applied Hydrology</i> - François PETIT - [1d FW]	15	15	[+]	3
ESHY0016-1	<i>Ecology Applied to Urban Planning and Land Management (partim I)</i> - Emmanuël SÉRUSIAUX	15	15	-	3
GEOL0238-1	<i>Groundwater production, protection and remediation</i> - Alain DASSARGUES	15	15	-	3