

## Block view of the study programme

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### Block 1

#### Compulsory courses

MATH0509-1	<i>General mathematics I</i> - Arnout VAN MESSEM	Q1	25	30	-	<b>6</b>
STAT0807-1	<i>Descriptive statistics</i> - Arnout VAN MESSEM	Q1	10	10	-	<b>2</b>
PHYS0985-1	<i>General physics I</i> - Philippe GHOSEZ	Q2	45	40	-	<b>8</b>
CHIM0737-4	<i>Chemistry</i> - <i>Theory</i> - Rudi CLOOTS - <i>Pratique</i> - Rudi CLOOTS	Q1	30	-	-	<b>7</b>
CHIM9312-1	<i>General chemistry</i> - Rudi CLOOTS	Q2	25	10	-	<b>3</b>
BIOL0027-1	<i>Biology</i> - Loïc MICHEL - [1d FW]	Q2	30	30	[+]	<b>6</b>
STER0003-1	<i>Earth sciences</i> - <i>Geomatics</i> - Roland BILLEN - <i>Géology</i> - Frédéric HATERT - <i>Geology, practical mapping work</i> - Frédéric HATERT	Q1	15	15	-	<b>7</b>
GEOG2014-1	<i>Geographical dynamics of contemporary global issues</i> - <i>Theory</i> - Guénaël DEVILLET, JeanMarie HALLEUX, Serge SCHMITZ - <i>Practice</i> - Guénaël DEVILLET, JeanMarie HALLEUX, Serge SCHMITZ	TA	50	-	-	<b>10</b>
GEOG2016-1	<i>Elements of physical geography</i> - <i>Climatology</i> - Sébastien DOUTRELOUP, Xavier FETTWEIS - [1d FW] - <i>Geomorphology</i> - Geoffrey HOUBRECHTS - [3d FW]	Q2	25	25	[+]	<b>9</b>
LANG2967-4	<i>English: introduction</i> (english language) - Véronique DOPPAGNE	Q2	30	-	-	<b>2</b>

### Block 2

#### Compulsory courses

MATH0009-6	<i>General mathematics II</i> - Françoise BASTIN <b>Prerequisite :</b> MATH0509-1 - Mathématiques générales I	Q2	15	15	-	<b>3</b>
STAT0808-1	<i>Inferential statistics</i> - Amir ABOUBACAR	Q1	20	20	-	<b>4</b>
PHYS0986-1	<i>General physics II</i> - Alejandro SILHANEK <b>Prerequisite :</b> MATH0509-1 - Mathématiques générales I PHYS0985-1 - Physique générale I	Q1	45	35	-	<b>6</b>
GEOLO202-4	<i>Geology, Part A</i> - Valentin FISCHER - [4d FW] <b>Prerequisite :</b> CHIM0737-4 - Chimie PHYS0985-1 - Physique générale I	Q2	20	30	[+]	<b>6</b>
LANG0076-3	<i>English I</i> (english language) - Véronique DOPPAGNE, Julien STEVENS <b>Prerequisite :</b> LANG2967-1 - Anglais : introduction	TA	45	-	-	<b>4</b>

#### Geomatics course

GEOG0206-1	<i>Geographical information systems</i> - Roland BILLEN <b>Prerequisite :</b> STER0003-1 - Sciences de la Terre <b>Corequisite :</b> STAT0808-1 - Statistique inférentielle	Q2	30	40	-	<b>7</b>
GEOG2018-1	<i>Introduction to geodesy</i> - René WARNANT <b>Prerequisite :</b> PHYS0985-1 - Physique générale I MATH0509-1 - Mathématiques générales I	Q1	30	15	-	<b>5</b>

**Corequisite :**

PHYS0986-1 - Physique générale II

MATH0009-6 - Mathématiques générales II

**Physical geography course**

GEOG0204-2	<i>Fluvial geomorphology and hydrography</i> - Geoffrey HOUBRECHTS - [3d FW]	Q2	20	15	[+]	3
	<b>Prerequisite :</b>					
	GEOG2016-1 - Éléments de géographie physique					
	<b>Corequisite :</b>					
	GEOL0202-4 - Géologie					
GEOG0201-4	<i>Quaternary geology and geomorphology</i>	Q2				3
	- <i>Theory</i> - Aurelia HUBERT, Marthe LEFEVRE		15	-	-	
	- <i>Field</i> - Aurelia HUBERT, Marthe LEFEVRE - [2d FW]		-	-	[+]	
	- <i>Further theory</i> - Aurelia HUBERT, Marthe LEFEVRE		5	-	-	
	<b>Corequisite :</b>					
	PHYS0986-1 - Physique générale II					
	GEOL0202-4 - Géologie					
GEOG2020-1	<i>Elements of meteorology</i> - Sébastien DOUTRELOUP, Xavier FETTWEIS - [2d FW]	Q1	20	15	[+]	4
	<b>Prerequisite :</b>					
	PHYS0985-1 - Physique générale I					

**Human Geography course**

GEOG2021-1	<i>Urban territories: diagnoses and planning</i>	TA				10
	- <i>Géographie urbaine : principes et enjeux</i> - JeanMarie HALLEUX		25	-	-	
	- <i>Localisation des activités économiques</i> - Guénaël DEVILLET		25	-	-	
	- <i>Terrain</i> - Guénaël DEVILLET, JeanMarie HALLEUX - [5d FW]		-	30	[+]	
	<b>Prerequisite :</b>					
	GEOG2014-1 - Dynamiques géographiques des enjeux du monde contemporain					
GEOG2024-3	<i>Territorial diagnosis workshops and qualitative methods, Partim 1</i> - Serge SCHMITZ	Q2	15	25	-	5

**Optional free course**

OCEA0053-1	<i>Study of Oceans and Coastal Management</i> - Sylvie GOBERT, Anne GOFFART	Q2	15	25	-	4
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**Block 3**

**Compulsory courses**

ECON0107-2	<i>Introduction to economic analysis</i>	Q1				5
	- <i>Microeconomics</i> - HenryJean GATHON		20	6	-	
	- <i>Macroeconomics</i> - HenryJean GATHON		20	6	-	
INFO0201-1	<i>Introduction to computer programming</i> - Peter SCHLAGHECK	Q2	20	40	-	5
LANG0077-5	<i>English 2 (english language)</i> - Clara BRERETON, Véronique DOPPAGNE	TA	45	-	-	4
	<b>Prerequisite :</b>					
	LANG0076-3 - Anglais 1					
STRA0046-1	<i>Undergraduated final work</i> - Annick ANCEAU, COLLÉGIALITÉ, Guénaël DEVILLET	Q2	10	20	-	5
	<i>Notice :</i> Collegial administration= geography team					

**Geomatics course**

GEOG0054-1	<i>Methods of acquiring spatial data</i> - Andrea NASCETTI - [2d FW]	Q1	25	25	[+]	5
GEOG0665-1	<i>Introduction to remote sensing</i> - François JONARD	Q2	25	25	-	5

**Physical geography course**

GEOG0605-1	<i>Regional geography and geomorphology</i> - Geoffrey HOUBRECHTS - [3d FW]	Q2	10	-	[+]	3
GEOG0217-2	<i>Hydrology</i> - Geoffrey HOUBRECHTS - [2d FW]	Q1	15	10	[+]	3

GEOG0630-3	<i>Climatic geomorphology</i> - Part A - Aurelia HUBERT - Suppl : Geoffrey HOUBRECHTS - [4d FW] - Part B - Aurelia HUBERT - Suppl : Geoffrey HOUBRECHTS	Q1	15	10	[+]	5
			15	5	-	

#### Human Geography course

GEOG0222-3	<i>Rural geography</i> - Serge SCHMITZ - Suppl : Charline DUBOIS - [2d FW] <b>Prerequisite :</b> GEOG0206-1 - Systèmes d'information géographique STAT0808-1 - Statistique inférentielle GEOG2021-1 - Diagnostic et aménagement des territoires urbains	Q1	30	30	[+]	6
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GEOG0055-1	<i>Environmental geography</i> (english language) - Part 1 - Pierre OZER, Serge SCHMITZ - Part 2 - Pierre OZER, Serge SCHMITZ - [6d FW]	Q2	24	6	-	5
			-	6	[+]	

#### Optional courses

In agreement with the Jury, choose one of the two modules below:

##### Additional geography

GEOG0056-1	<i>Additional undergraduated final work</i> - COLLÉGIALITÉ	Q2	-	-	-	3
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STAT0750-1	<i>Multivariate statistical analysis (software R)</i> - Arnout VAN MESSEM	Q2	10	10	-	2
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Choose, in accordance with the Jury, 1 course among :

BOTA0415-2	<i>Plant biology</i> - Botany - Alain HAMBUECKERS - [1d FW] - Phytogeography - Alain HAMBUECKERS - [1d FW]	Q2	20	15	[+]	4
			10	-	[+]	

##### Prerequisite :

BIOL0027-1 - Biologie

MATH2014-1	<i>Mathematics supplements</i> - Françoise BASTIN	Q1	12	13	-	4
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##### Prerequisite :

MATH0009-6 - Mathématiques générales II

##### Environmental management

ENVT0010-1	<i>Seminar - Integrated approach to environmental issues</i> - Pauline ABRAHAMS, Dorothée DENAYER, Claudia FALZONE, Eleonore KIRSCH, Marie LANG, N..., Pierre OZER, Nathalie SEMAL, Bernard TYCHON, Anne WOUTERS - Suppl : Corentin HECQUET - [30h SEM, 30h Mon. WS]	Q2	3	-	[+]	5
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ENVT0060-1	<i>Introduction to environmental sociology, Part 1: Approaches in environmental sociology</i> - François MELARD	Q1	8	8	-	2
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ENVT0061-1	<i>Introduction to environmental science and management</i> - Pierre OZER	Q1	12	-	-	2
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Notice : Collegiality = Collective Sciences and environmental management