

## First Year

### Compulsory courses

#### First semester

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

#### Second semester

PHYS2005-1	<i>General Physics I</i> - Philippe GHOSEZ	15	10	-	<b>2</b>
MATH0475-1	<i>Calculus, part B</i> - Françoise BASTIN	15	15	-	<b>3</b>
CHIM9214-1	<i>General and Organic Chemistry</i> - Rudi CLOOTS	50	30	-	<b>9</b>
BIOL2003-1	<i>Animal Biology</i> - Jean-Marie BOUQUEGNEAU	45	35	-	<b>8</b>
BIOL2004-1	<i>Plant biology</i> - Claire REMACLE	30	30	-	<b>6</b>

#### All year round

LANG0076-1	<i>English 1</i> - Véronique DOPPAGNE, ISLV	45	-	-	<b>4</b>
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## Second Year

### Compulsory courses

PHYS0903-1	<i>General Physics II</i> - Philippe GHOSEZ	40	30	-	<b>6</b>
CRIS0203-1	<i>Elements in crystallography</i> - Rudi CLOOTS	15	15	-	<b>3</b>
CHIM0254-1	<i>Biological analytical chemistry</i> - Bernard GILBERT	20	40	-	<b>6</b>
GEOL0231-2	<i>geology, mineralogy and physical geography Holder</i> - Emmanuelle JAVAUX - [4d FW]	25	15	[+]	<b>6</b>
BIOL0518-1	<i>Biodiversity and ecology (including field training courses)</i> - Gabriel CASTILLO CABELLO, Jean-Pierre THOMÉ, Pierre VANDEWALLE - [12d FW]	60	-	[+]	<b>11</b>
GENE0201-2	<i>Genetics</i> - Claire REMACLE	30	15	-	<b>5</b>
BIOL0214-1	<i>Cell physiology and vegetal histology</i> - Patrick MOTTE, Claire PÉRILLEUX	30	20	-	<b>4</b>
BIOL0215-1	<i>Cell physiology and animals histology</i> - Jean-Christophe PLUMIER, Marc THIRY	30	20	-	<b>4</b>
BIOC0204-1	<i>Biochemistry and thermodynamics of biological systems</i> - Moreno GALLENI	40	20	-	<b>6</b>
LANG0077-1	<i>English 2</i> - Véronique DOPPAGNE, ISLV	45	-	-	<b>4</b>
INFO0205-1	<i>Introduction to Computing</i> - Peter SCHLAGHECK	12	18	-	<b>3</b>
DOCU0033-1	<i>Training in the exploitation of documentary resources</i> - Ninfa GRECO	20	-	-	<b>2</b>

## Third Year

### Compulsory courses

STAT0203-1	<i>General statistics and data processing</i> - Adelin ALBERT	30	30	-	<b>6</b>
ZOOL0205-1	<i>Ethology and animal psychology</i> - Pascal PONCIN	30	-	-	<b>3</b>
MICR0711-1	<i>Microbiology</i>				<b>7</b>
	- <i>Partim 1 : Algology and mycology</i> - Vincent DEMOULIN - Suppl : Anne GOFFART, Olivier GUILLITTE	20	10	-	
	- <i>Partim 2 : Bacteriology</i> - Bernard JORIS	20	10	-	
	- <i>Partim 3 : Virology</i> - Jacques PIETTE	20	10	-	
BIOL0216-1	<i>Animal physiology</i> - Jean-Christophe PLUMIER, Marc THIRY	60	30	-	<b>6</b>
BIOL0217-1	<i>Vegetal physiology</i> - Patrick MOTTE, Claire PÉRILLEUX	40	25	-	<b>5</b>
IMMU0521-1	<i>Immunology</i> - Catherine SADZOT	20	15	-	<b>3</b>
LANG0082-1	<i>English 3</i> - Véronique DOPPAGNE, Christine FILOT, ISLV	45	-	-	<b>4</b>
PHIL1106-1	<i>Philosophy and bioethics</i>				<b>2</b>
	- <i>Partim Philosophy</i> - Julien PIERON	15	-	-	
	- <i>Partim Bioethics</i> - Jean-Marie BOUQUEGNEAU	15	-	-	

### Optional courses

*Choose one option from the following :*

**Option Biochemistry and Molecular and Cellular Biology**

GENE0210-1	<i>Genetics and molecular biology</i> - Joseph MARTIAL	60	30	-	<b>8</b>
BIOC0209-3	<i>Chemistry of biological macromolecules</i> - Moreno GALLENi, André MATAGNE - [4h Vis. Ind. Pl. ]	60	40	[+]	<b>9</b>
MICR0001-1	<i>Complements of microbiology (including bacterial physiology)</i> - Vincent DEMOULIN, Bernard JORIS, Jacques PIETTE - Suppl : Anne GOFFART, Olivier GUILLITTE	30	-	-	<b>3</b>
STRA0008-1	<i>Bibliographical research and student seminars, 50 h.</i> - Jacques DOMMES, Patrick MOTTE - [50h Internship]	-	-	[+]	<b>4</b>

**Option Biology of Organisms and Ecology**

BIOC0001-1	<i>Genetic, molecular biology and chemistry of biological macromolecules</i> - Jacques DOMMES, Moreno GALLENi	30	30	-	<b>6</b>
BIOL0516-2	<i>Ecology and Biodiversity</i> - Monique CARNOL, Emmanuël SÉRUSIAUX, Jean-Pierre THOMÉ, Pierre VANDEWALLE - [6d FW]	125	-	[+]	<b>14</b>
STRA0009-1	<i>Documentation, training course and seminars (student)</i> - Monique CARNOL, Patrick DAUBY, Roland LIBOIS - [50h Internship]	-	-	[+]	<b>4</b>