

## First Year

### Compulsory courses

MATH0009-1	<i>General mathematics</i>				<b>10</b>
	- Part A (S1 - Common courses) - Françoise BASTIN	30	30	-	
	- Part B (S2) - Françoise BASTIN	15	15	-	
PHYS0088-1	<i>Physics</i>				<b>9</b>
	- Part A (S1 - Common courses) - Nicolas VANDEWALLE	30	30	-	
	- Part B (S2) - Philippe GHOSEZ - Suppl : Julien VARIGNON	15	10	-	
CHIM0099-1	<i>Chemistry</i>				<b>16</b>
	- part A (S1 - Common courses) - Rudi CLOOTS	30	30	-	
	- part B (S2) - Rudi CLOOTS	50	30	-	
BIOL0006-1	<i>Biology, part A (S1 - Common courses)</i> - Marc THIRY	30	30	-	<b>6</b>
STER0001-1	<i>Introduction to geography and geology, (Q1 - Tronc commun)</i> - Jean-Paul DONNAY, Michel ERPICUM, Jean-Marie HALLEUX, Edouard POTY	10	-	-	<b>1</b>
BIOL2003-1	<i>Animal Biology, (Q2)</i> - Jean-Marie BOUQUEGNEAU	45	35	-	<b>8</b>
BIOL2004-1	<i>Plant biology, (Q2)</i> - Claire REMACLE	30	30	-	<b>6</b>
LANG0076-1	<i>English 1, (Q1 + Q2) (english language)</i> - Véronique DOPPAGNE, ISLV	45	-	-	<b>4</b>

## 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> - Gauthier EPPE, Valérie GABELICA	20	40	-	<b>6</b>
GEOL0231-2	<i>Geology, mineralogy and physical geography</i> - Emmanuelle JAVAUX - [4d FW]	25	15	[+]	<b>6</b>
BIOL0518-1	<i>Biodiversity and ecology (including field training courses)</i> - Gabriel CASTILLO CABELLO, Eric PARMENTIER, Jean-Pierre THOMÉ - [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 GALLEN	40	20	-	<b>6</b>
LANG0077-1	<i>English 2 (english language)</i> - Véronique DOPPAGNE, ISLV	45	-	-	<b>4</b>
INFO0205-1	<i>Introduction to Computing</i> - Peter SCHLAGHECK, Alejandro SILHANEK	12	18	-	<b>3</b>
DOCU0033-1	<i>Training in the exploitation of documentary resources</i> - Ninfa GRECO	20	-	-	<b>2</b>

### Optional free course

OCEA0053-1	<i>Study of Oceans and Coastal Management</i> - Sylvie GOBERT, Anne GOFFART	15	25	-	<b>4</b>
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## 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>
	- Part 1 : Algology and mycology - Denis BAURAIN	20	10	-	
	- Part 2 : Bacteriology - Bernard JORIS	20	10	-	
	- Part 3 : Virology - 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 (english language)</i> - Véronique DOPPAGNE, Ellen HARRY, ISLV	45	-	-	<b>4</b>
PHIL1106-1	<i>Philosophy and bioethics</i>				<b>2</b>
	- Part : Philosophy - Julien PIERON	15	-	-	
	- Part : Bioethics - 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 - N... - Suppl : Jacques DOMMES, Bernard PEERS, Marianne VOZ</i>	60	30	-	<b>8</b>
BIOC0209-3	<i>Chemistry of biological macromolecules - Moreno GALLEN, André MATAGNE - [4h 60 Vis. Ind. Pl. ]</i>	40	40	[+]	<b>9</b>
MICR0001-1	<i>Complements of microbiology (including bacterial physiology) - Denis BAURAIN, Bernard JORIS, Jacques PIETTE</i>	30	-	-	<b>3</b>
STRA0008-1	<i>Bibliographical research and student seminars, 50 h. - Jacques DOMMES, Patrick MOTTE - [50h Internship]</i>	-	-	[+]	<b>4</b>

**Option Biology of Organisms and Ecology**

BIOC0001-1	<i>Genetics, molecular biology and chemistry of biological macromolecules - Jacques DOMMES, Moreno GALLEN</i>	30	30	-	<b>6</b>
BIOL0516-3	<i>Ecology and Biodiversity - Monique CARNOL, Bruno FREDERICH, Emmanuël SÉRUSIAUX, Jean-Pierre THOMÉ</i>	125	-	-	<b>11</b>
SSTG0031-1	<i>Ecology and Biodiversity - Placement - Monique CARNOL, Bruno FREDERICH, Emmanuël SÉRUSIAUX, Jean-Pierre THOMÉ - [6d FW]</i>	-	-	[+]	<b>3</b>
STRA0009-1	<i>Bibliographical research and student seminars - Monique CARNOL, Patrick DAUBY,- Roland LIBOIS - [50h Internship]</i>	-	-	[+]	<b>4</b>