

## First Year

### Compulsory courses

MATH0009-2	<i>General mathematics</i>				<b>12</b>
	- Part A (S1 - Common courses) - Françoise BASTIN	30	30	-	
	- Part B (S2) - Françoise BASTIN	30	30	-	
PHYS0088-2	<i>Physics</i>				<b>13</b>
	- Part A (S1 - Common courses) - Nicolas VANDEWALLE	30	30	-	
	- Part B (S2) - Ngoc Duy NGUYEN	40	20	-	
CHIM0099-3	<i>Chemistry</i>				<b>14</b>
	- part A (S1 - Common courses) - Rudi CLOOTS	30	30	-	
	- part B (S2) - Edwin DE PAUW	40	60	-	
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> - JeanPaul DONNAY, Michel ERPICUM, JeanMarie HALLEUX, Edouard POTY	10	-	-	<b>1</b>
CHIM0205-2	<i>Organic chemistry I, (2nd semester)</i> - Albert DEMONCEAU - [15h QA Sess.]	40	35	[+]	<b>8</b>
INFO0067-1	<i>Introduction to computer science, (2nd semester)</i> - Céline XHROUET	15	-	-	<b>2</b>
LANG0076-1	<i>English I, (Q1 + Q2) (english language)</i> - Véronique DOPPAGNE, ISLV	45	-	-	<b>4</b>

## Second Year

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MATH0232-2	<i>Complement of General Mathematics (calculus 2)</i> - Françoise BASTIN	25	20	-	<b>4</b>
PHYS0968-1	<i>Mathematics of data reduction</i> - Alejandro SILHANEK	25	20	-	<b>4</b>
PHYS0238-4	<i>General Physics II</i> - Laurent DREESEN, Serge HABRAKEN - [10h QA Sess.]	40	30	[+]	<b>8</b>
	<i>Notice</i> : + one day of facultative visit				
CHIM0275-3	<i>Physical chemistry I</i>				<b>12</b>
	- <i>Thermodynamics and electrochemistry</i> - Edwin DE PAUW - [25h QA Sess.]	40	30	[+]	
	- <i>Introduction to spectroscopy</i> - Bernard LEYH - [15h QA Sess.]	20	-	[+]	
CHIM0207-3	<i>Organic chemistry II</i> - Albert DEMONCEAU - [18h QA Sess.]	40	45	[+]	<b>7</b>
CHIM0007-2	<i>Analytical chemistry I (chemical methods)</i> - Gauthier EPPE - [20h QA Sess.]	40	80	[+]	<b>8</b>
BIOL2009-1	<i>Biology and introduction to biochemistry</i> - Bernard JORIS	30	30	-	<b>7</b>
INFO0202-1	<i>Programming Methods Applied to Chemistry</i> - Alejandro SILHANEK	15	15	-	<b>2</b>
DOCU0034-1	<i>Documentation and Communication Techniques</i> - Caroline COLLETTE	-	-	-	<b>2</b>
STRA0001-1	<i>Personal work and assessment of competence</i> - Albert DEMONCEAU, Edwin DE PAUW	10	-	-	<b>2</b>
LANG0077-1	<i>English 2 (english language)</i> - Véronique DOPPAGNE, ISLV	45	-	-	<b>4</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

CHIM0277-2	<i>Physical Chemistry II</i> - Bernard LEYH - [30h QA Sess.]	40	50	[+]	<b>9</b>
CHIM0677-1	<i>Physical chemistry III</i>				<b>6</b>
	- <i>Group Theory</i> - JeanYves RATY	10	5	-	
	- <i>Theoretical chemistry</i> - Françoise REMACLE - [15h QA Sess.]	20	-	[+]	
CHIM0209-2	<i>Inorganic chemistry</i> - Bénédicte VERTRUYEN - [5h QA Sess., 1d Vis. Ind. Pl.]	30	70	[+]	<b>9</b>
CHIM0278-1	<i>Organic chemistry III</i> - Lionel DELAUDE - [15h QA Sess.]	30	55	[+]	<b>9</b>
CHIM0015-4	<i>Analytical chemistry II, physical methods</i> - Gauthier EPPE - [15h QA Sess.]	30	115	[+]	<b>9</b>
CRIS0203-1	<i>Elements in crystallography</i> - Rudi CLOOTS	15	15	-	<b>2</b>
CHIM0678-1	<i>Biochemistry</i> - André MATAGNE	30	-	-	<b>3</b>
CHIM0283-3	<i>Chemistry of the macromolecules</i> - Christine JÉRÔME	20	-	-	<b>2</b>
CHIM0682-1	<i>Introduction to environmental chemistry</i> - Gauthier EPPE	15	5	-	<b>2</b>
CHIM0284-1	<i>Library search in organic and inorganic chemistry</i> - Caroline COLLETTE	6	-	-	<b>1</b>

STRA0002-1	<i>Research internship, oral presentation, competence assessment</i> - Valérie GABELICA, Nicolas WILLET	-	-	-	<b>2</b>
PHIL0201-1	<i>Elements of philosophy</i> - Julien PIERON	15	-	-	<b>2</b>
LANG0082-1	<i>English 3 (english language)</i> - Véronique DOPPAGNE, Ellen HARRY, ISLV	45	-	-	<b>4</b>