

## First Year

### Compulsory courses

#### First semester

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

#### Second semester

PHYS2006-1	<i>General Physics</i> - Ngoc Duy NGUYEN	40	20	-	6
CHIM9215-1	<i>General Chemistry</i> - Edwin DE PAUW	40	60	-	7
CHIM0205-2	<i>Organic chemistry I</i> - Albert DEMONCEAU - [15h QA Sess.]	40	35	[+]	8
MATH0475-2	<i>Calculus, part B</i> - Françoise BASTIN	30	30	-	5
INFO0067-1	<i>Excel in Chemistry</i> - Céline XHROUET	15	-	-	2

#### All year round

LANG0076-1	<i>English 1</i> (english language) - Véronique DOPPAGNE, ISLV, Kevin NOIROUX	45	-	-	4
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## Second Year

### Compulsory courses

MATH0232-2	<i>Complements of General Mathematics (calculus II)</i> - Françoise BASTIN	25	20	-	4
PHYS0968-1	<i>Mathematics of data reduction.</i> - Matthieu VERSTRAETE	25	20	-	4
PHYS0238-4	<i>General Physics II</i> - Laurent DREESEN, Serge HABRAKEN - [10h QA Sess.]	40	30	[+]	8

Notice : + one day of facultative visit

CHIM0275-3	<i>Physical chemistry I</i> - <i>Thermodynamics and electrochemistry</i> - Edwin DE PAUW - [25h QA Sess.] - <i>Introduction to spectroscopy</i> - Bernard LEYH - [15h QA Sess.]	40	30	[+]	12
CHIM0207-3	<i>Organic chemistry II</i> - Albert DEMONCEAU - [18h QA Sess.]	40	45	[+]	7
CHIM0007-2	<i>Analytical chemistry I (chemical methods)</i> - Gauthier EPPE - [20h QA Sess.]	40	80	[+]	8
BIOL2009-1	<i>Biology and introduction to biochemistry</i> - Bernard JORIS	30	30	-	7
INFO0202-1	<i>Programming Methods Applied to Chemistry</i> - Jean-Yves RATY	15	15	-	2
DOCU0034-1	<i>Documentation and Communication Techniques</i> - Caroline COLLETTE	-	-	-	2
STRA0001-1	<i>Personal work and assessment of competence</i> - Albert DEMONCEAU, Edwin DE PAUW	10	-	-	2
LANG0077-1	<i>English 2</i> (english language) - Véronique DOPPAGNE, ISLV	45	-	-	4

## Third Year

### Compulsory courses

CHIM0277-2	<i>Physical Chemistry II</i> - Bernard LEYH - [30h QA Sess.]	40	50	[+]	9
CHIM0677-1	<i>Physical chemistry III</i> - <i>Group Theory</i> - Jean-Yves RATY - <i>Theoretical chemistry</i> - Françoise REMACLE - [15h QA Sess.]	10	5	-	6
CHIM0209-2	<i>Inorganic chemistry</i> - Bénédicte VERTRUYEN - [5h QA Sess., 1d Vis. Ind. Pl. ]	30	70	[+]	9
CHIM0278-1	<i>Organic chemistry III</i> - André LUXEN - [15h QA Sess.]	30	55	[+]	9
CHIM0015-4	<i>Analytical chemistry II, physical methods</i> - Gauthier EPPE - [15h QA Sess.]	30	115	[+]	10
CRIS0203-1	<i>Elements in crystallography</i> - Rudi CLOOTS	15	15	-	2
CHIM0678-1	<i>Biochemistry</i> - André MATAGNE	30	-	-	3
CHIM0283-3	<i>Chemistry of the macromolecules</i> - Christine JÉRÔME	20	-	-	2
CHIM0284-1	<i>Library search in organic and inorganic chemistry</i> - Caroline COLLETTE	6	-	-	2
STRA0002-1	<i>Research internship, oral presentation, competence assessment</i> - Valérie GABELICA	-	-	-	2
PHIL0201-1	<i>Elements of philosophy</i> - Julien PIERON	15	-	-	2
LANG0082-1	<i>English 3</i> (english language) - Véronique DOPPAGNE, Christine FILOT, ISLV	45	-	-	4