

First Year

Compulsory courses

CHIM0213-2	<i>Structural analysis</i> - Christian DAMBLON, Edwin DE PAUW	45	-	-	4
CHIM0609-1	<i>Advanced organic chemistry</i> - André LUXEN	30	-	-	4
CHIM0635-1	<i>Advanced physical chemistry</i> - Bernard LEYH	30	-	-	4
CHIM0636-1	<i>Macromolecular Physical Chemistry</i> - Christine JÉRÔME	30	-	-	4
CHIM0637-1	<i>Chemistry of materials</i>				4
	- <i>Partim : inorganique</i> - Bénédicte VERTRUYEN	20	-	-	
	- <i>Partim : organique + biologique</i> - Anne-Sophie DUWEZ	20	-	-	
BIOC0232-1	<i>Macromolecular Biochemistry</i> - Moreno GALLENI	30	30	-	4
CHIM0638-1	<i>Surfaces and interfaces</i> - Anne-Sophie DUWEZ	15	-	-	2
CHIM9219-1	<i>Theoretical and Quantum Chemistry</i> - Françoise REMACLE - [15h QA Sess.]	30	15	[+]	4
CHIM0096-1	<i>Nuclear chemistry</i> - André LUXEN	15	-	-	2
CHIM0645-1	<i>Integrated research project in laboratory</i> - Anne-Sophie DUWEZ	-	-	-	14

Optional courses

Choose courses totalling 14 ECTS from the following :

CHIM0639-1	<i>Industrial Chemistry</i> - Albert GERMAIN	30	-	-	4
CHIM0640-1	<i>Microstructural Characterization techniques</i> - Philippe COMPÈRE, Catherine HENRIST	30	-	-	4
CHIM0641-1	<i>Electronic, optical and magnetic properties of solids</i> - Bénédicte VERTRUYEN	15	-	-	2
CHIM0642-1	<i>Molecular dynamics and photochemistry</i> - Bernard LEYH	30	-	-	4
BIOC0718-1	<i>Structure-function of biomolecules</i> - André MATAGNE, N...	15	-	-	2
CHIM0643-1	<i>Biomolecule thermodynamics</i> - Valérie GABELICA	15	-	-	2
CHIM0644-1	<i>Advanced analytical techniques</i> - Jean-François FOCANT	30	-	-	4
AESS0255-1	<i>Introduction to chemistry didactics</i> - Bernard LEYH	15	-	-	2

Second Year

Compulsory courses

CHIM0646-1	<i>Physical chemistry of nanostructures</i> - Anne-Sophie DUWEZ	15	-	-	2
CHIM0647-1	<i>Coordination Chemistry and Catalysis</i> - Lionel DELAUDE	30	-	-	4
CHIM0648-1	<i>Chemometrics and quality systems</i> - Jean-François FOCANT	15	-	-	2
CHIM0649-1	<i>Molecular Modeling</i> - Françoise REMACLE	20	-	-	3
CHIM0650-1	<i>Structural biological chemistry</i> - Christian DAMBLON	30	-	-	4
SMEM0016-1	<i>Final thesis</i> - COLLÉGIALITÉ	-	-	-	15

Compulsory courses

AESS0246-1	<i>Analysis of scholastic institutions and key-players, educational policies</i> - Jacqueline BECKERS	15	-	-	1
AESS0247-1	<i>Views on cultural diversity</i> - Jérôme JAMIN	10	-	-	1
AESS0248-1	<i>Elements of sociology of education</i> - Jean-François GUILLAUME (Even years)	10	-	-	1
AESS0140-1	<i>Professional ethics and training to neutrality and citizenship</i> - Véronique DORTU	25	-	-	2
AESS0202-1	<i>General didactics: courses and exercises; observation placements; reflexive practices</i> - Jean-Luc GILLES - [10h Internship]	30	10	[+]	4
AESS0004-1	<i>Media education</i> - Geneviève VAN CAUWENBERGE	15	-	-	1
AESS0249-1	<i>Interdisciplinary seminar</i> - Nicolas LECLERCQ	15	-	-	1
AESS0143-1	<i>Educational Psychology of adolescents and young adults</i> - Dieudonné LECLERCQ	15	-	-	2
AESS0142-1	<i>Seminar on prevention and management of difficult scholastic situations</i> - Jocelyne ROBERT	15	-	-	2
AESS0216-1	<i>Specialized chemistry didactics (Part I)</i>				6
	- <i>Course and exercises</i> - Bernard LEYH	40	-	-	
	- <i>Observation practicums</i> - Bernard LEYH - [10h Internship]	-	-	[+]	
	- <i>Teaching practicums</i> - Bernard LEYH - [20h Internship]	-	-	[+]	
	- <i>Reflexive practice</i> - Bernard LEYH	-	5	-	
AESS0234-1	<i>Specialized chemistry didactics (part II)</i>				9

- <i>Course and exercises</i> - Bernard LEYH	35	-	-
- <i>Teaching practicums</i> - Bernard LEYH - [20h Internship]	-	-	[+]
- <i>Reflexive practice</i> - Bernard LEYH	-	5	-
- <i>Extra-scholar teaching activities</i> - Bernard LEYH	-	10	-