

Block view of the study programme

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Block 1

Compulsory courses

LANG9999-1	<i>Mastery of the French language</i> - Nicolas GREGOV	Q2	30	-	-	5
ZENS0013-1	<i>Teaching methodologies and learning processes</i> - Annick FAGNANT, Charlene LEROY, Bertrand MONVILLE	Q1	35	-	-	5
ZENS0015-1	<i>Professional identity, ethics, and managing critical incidents</i> - Davian BIETS, JeanFrançois GUILLAUME	Q1	12	-	-	2
ZENS0014-1	<i>Class management, class environment and specific behavioural needs</i> - Ariane BAYE, Jérémy BONNI	Q1	12	-	-	2
ZENS0125-1	<i>Teaching methodology for chemistry (part I)</i> - Vincent NATALIS	Q1	18	-	-	3
HULG9829-1	<i>Information and communication technologies for education (ICTE)</i> - Carole DELFORGE	Q2	12	-	-	2
ZENS0019-1	<i>Media education</i> - Thomas JUNGBLUT, Elise SCHÜRGERS	Q2	12	-	-	2
ZENS0028-1	<i>Assessment and differentiation (group C)</i> - Kevin BALHAN, Roland BILLEN, Annick FAGNANT, MarieNoëlle HINDRYCKX, Gilles LOMBARD, PierreXavier MARIQUE, Alexandre MOUTON, Laurent MULLENS BOXHO, Vincent NATALIS, Maurine REMACLE, Hélène ROUCHET	Q2	24	-	-	4
ZENS0084-1	<i>Introduction to research in education and teaching methodology</i> - Marie HOUSEN, Mickaël IDRAC, Doriane JAEGER, Pierre LERUSSE, Vincent NATALIS, Grégory VOZ, Christophe WINKIN	Q2	30	-	-	5
SSTG0171-1	<i>Internship in chemistry (part 1)</i> - <i>Observation internship and professional training workshop</i> - Hervé BERNARD, Annick FAGNANT, Géraldine GODET, Pierre LORIAUX, Laurent MULLENS BOXHO, Margaux NOIZET, Virginie OGER, Coline VINCENT - [10h Internship] - <i>Teaching internship A and professional training workshop</i> - Anne CAMPO, Vincent NATALIS - [8h Internship] - <i>Teaching internship B and professional training workshop</i> - Anne CAMPO, Annick FAGNANT, Vincent NATALIS - [12h Internship]	TA	-	5	[+]	10
HULG0234-1	<i>Chemistry and associated teaching methodology 1</i> - Catherine KINET, Vincent NATALIS	Q1	30	-	-	5

Optional courses

With the agreement of the board of examiners, select courses not already chosen, for a total of 20 credits from the following courses, with the first three to be selected as a priority:

CHIM0742-1	<i>Chemistry of materials and sustainable development</i> - Catherine HENRIST - [0,5d Vis., 10h Mon. WS]	Q1	15	-	[+]	3
DOCU0455-1	<i>Introduction to critical thinking</i> - <i>Theory</i> - Yaël NAZÉ - <i>Practice</i> - Yaël NAZÉ	Q2	10	-	-	3
CHIM0683-2	<i>Green chemistry</i> - Aurore RICHEL	Q2	5	20	-	3
CHIM9234-2	<i>Polymers and environment (english language)</i> - <i>Part A</i> - Philippe LECOMTE - <i>Part B</i> - Philippe LECOMTE	Q1	15	-	-	3
CHIM9330-2	<i>Management and safety of industrial projects, Safety part</i> - Angélique LÉONARD, Dominique TOYE - [2d FW]	Q1	15	-	[+]	3
CHIM0218-1	<i>Elements of medicinal chemistry</i> - Pierre FRANCOTTE - [5h SEM]	Q1	20	-	[+]	3
CHIM9259-2	<i>Analytical techniques in forensic chemistry</i> - JeanFrançois FOCANT, PierreHugues STEFANUTO	Q2	15	10	-	3

CHIM9262-1	<i>Biomimetic chemistry : when the Man is inspired by nature -</i> Loïc QUINTON	Q2	25	-	-	3
SPAT0054-1	<i>Astrophysics and astrochemistry -</i> Michaël DE BECKER	Q2	20	-	-	3
STAT0807-1	<i>Descriptive statistics -</i> Arnout VAN MESSEM	Q1	10	10	-	2
DURA0005-1	<i>Sustainability and transition -</i> Sylvie GOBERT, Catherine HENRIST - [8h Mon. WS]	TA	12	-	[+]	2

[...] With the jury's approval, up to 6 ECTS credits may be taken from course programmes offered by other departments within the Faculty of Science, other faculties, or other universities. Any request for an exemption from the 6-credit limit will be reviewed by the jury.

Block 2

Compulsory courses

BIOL0864-1	<i>Concepts of biological evolution -</i> Loïc MICHEL	Q1	15	-	-	2
CHIM0709-1	<i>Chemistry of dental materials -</i> Christine JÉRÔME	Q1	10	-	-	2
URGC0111-1	<i>First aid -</i> Vincent BONHOMME	Q1	2	4	-	1
ZENS0016-1	<i>The educational system and actors of change -</i> Ariane BAYE, Géraldine GODET	TA	12	15	-	3
ZENS0017-1	<i>Organisation of a school establishment and collaborative working -</i> JeanFrançois GUILLAUME, Tulay TASKIN	Q1	12	-	-	2
ZENS0234-1	<i>Chemistry and associated teaching methodology 2 -</i> Catherine KINET, Vincent NATALIS	Q1	30	-	-	5
ZENS0225-1	<i>Teaching methodology for chemistry (part I) -</i> Vincent NATALIS	Q2	18	-	-	3
SSTG0271-1	<i>Internship in chemistry (part II) and professional training workshop -</i> Hervé BERNARD, Anne CAMPO, Annick FAGNANT, Géraldine GODET, Pierre LORIAUX, Laurent MULLENS BOXHO, N..., Vincent NATALIS, Virginie OGER, Coline VINCENT - [40h Internship]	Q2	-	21	[+]	11
ZENS0022-1	<i>The philosophy of education: ethics, neutrality, citizenship -</i> Géraldine BRAUSCH, Anne HERLA	Q2	18	-	-	3
HULG9830-1	<i>Collegial facets of the profession -</i> Anne CAMPO, Dorothée JARDON, Charlene LEROY, Margaux NOIZET	TA	24	-	-	4
HULG0687-1	<i>Didactic aspects of the transition with the common core: chemistry -</i> Françoise AUGUSTE - [20h Internship]	TA	24	-	[+]	4
SMEM0048-1	<i>Final thesis</i>	TA	-	-	-	20

Bloc d'aménagement du programme de l'année

Bridging courses Master in teaching, section 4: chemistry

Optional courses

Students will follow a course programme worth between 15 and 60 credits, selected primarily from the courses listed below. The programme will be determined by the Master's jury for each student, based on their prior academic background.

[...] Courses list

CHIM0739-2	<i>Thermodynamics -</i> Loïc QUINTON - [15h Mon. WS]	Q1	20	20	[+]	4
CHIM9284-1	<i>Analytical chemistry I - Chemical analysis methods</i> - <i>Theory -</i> Gauthier EPPE - <i>Tutorials -</i> Gauthier EPPE - [26h Mon. WS]	Q1	26	-	-	4
CHIM9289-1	<i>Analytical chemistry III - Physical methods</i>	Q1	-	-	[+]	8

	- <i>Physico-chemical analysis methods</i> - Gauthier EPPE	15	-	-	
	- <i>Electrochemical analysis methods</i> - Gauthier EPPE	15	-	-	
	- <i>Practical work and tutorials</i> - Gauthier EPPE - [15h Mon. WS]	-	65	[+]	
CHIM9285-1	<i>Chemical Kinetics, Introduction to Spectroscopy and Group Theory</i> - Bernard LEYH - [20h Mon. WS]	Q2	35	-	[+] 6
CHIM9286-1	<i>Analytical Chemistry II - Separation methods</i> - Gauthier EPPE	Q2	20	80	- 6
CHIM0751-1	<i>Electrochemistry</i> - Loïc QUINTON - [10h Mon. WS]	Q2	20	10	[+] 4
CHIM0706-1	<i>Chemistry, the environment and society</i> - Caroline COLLETTE, Gauthier EPPE, Catherine HENRIST, JeanChristophe MONBALIU - [4h Mon. WS, 0,5d Vis.]	Q2	12	-	[+] 2
CHIM0604-2	<i>Chemistry and organic materials</i> - Lionel DELAUDE	Q2	33	19	- 5
CHIM0755-1	<i>Review and consolidation of knowledge in general chemistry</i> - Loïc QUINTON - [5h Tuto., 50h Indiv. work]	TA	5	-	[+] 5
CHIM0756-1	<i>Review and consolidation of knowledge in physical chemistry</i> - Loïc QUINTON - [5h Tuto., 50h Indiv. work]	TA	5	-	[+] 5
CHIM0757-1	<i>Review and consolidation of knowledge in organic chemistry</i> - Lionel DELAUDE, Thibault GENDRON - [5h Tuto., 50h Indiv. work]	TA	5	-	[+] 5
CHIM0758-1	<i>Review and consolidation of transversal skills applied in the context of chemistry</i> - Caroline COLLETTE - [5h Tuto., 25h Indiv. work]	TA	10	20	[+] 5
CHIM0759-1	<i>Introduction to academic research in chemistry, including observation placement</i> - Bénédicte VERTRUYEN - [4d Internship]	TA	12	-	[+] 2

Depending on the student's prior education, courses may be selected from the bachelor's programme in chemistry, from other programmes within the Faculty of Science, or from other faculties.