

**Cycle view of the study programme**

		Bl	Or	Th	Pr	Au	Cr
<b>Compulsory courses (B1 : 60Cr, B2 : 60Cr, B3 : 60Cr)</b>							
MATH2007-1	<i>General mathematics I</i> - Françoise BASTIN	B1	Q1	30	40	-	7
PHYS1985-1	<i>General physics I</i> - John MARTIN, Nicolas VANDEWALLE	B1	Q1	40	40	-	7
CHIM0737-3	<i>Chemistry</i> - <i>Theory</i> - Rudi CLOOTS - <i>Pratique</i> - Rudi CLOOTS	B1	Q1	30	-	-	7
BIOL0006-2	<i>Biology</i> - Marc THIRY	B1	Q1	30	40	-	7
STER0003-2	<i>Earth sciences, Géology</i> - Frédéric HATERT	B1	Q1	15	10	-	2
MATH1009-1	<i>General mathematics II</i> - Françoise BASTIN	B1	Q2	30	30	-	6
PHYS1986-1	<i>General physics II, Part A</i> - Ngoc Duy NGUYEN	B1	Q2	35	25	-	6
CHIM0738-2	<i>General chemistry</i> - <i>Theory</i> - Loïc QUINTON - <i>Further theory</i> - Loïc QUINTON - <i>Practice</i> - Loïc QUINTON - [35h Mon. WS]	B1	Q2	30	-	-	8
CHIM0205-2	<i>Organic chemistry I</i> - JeanChristophe MONBALIU - [15h QA Sess.]	B1	Q2	40	35	[+]	8
LANG2967-3	<i>English: introduction (english language)</i> - Véronique DOPPAGNE	B1	Q2	30	-	-	2
MATH2014-1	<i>Mathematics supplements</i> - Françoise BASTIN <b>Prerequisite :</b> MATH1009-1 - Mathématiques générales II	B2	Q1	12	13	-	3
PHYS0099-1	<i>Complement of general physics</i> - David STRIVAY - [10h QA Sess.] <b>Prerequisite :</b> PHYS1986-1 - Physique générale II PHYS1985-1 - Physique générale I  <i>Notice :</i> + one day of facultative visit	B2	Q1	25	20	[+]	4
CRIS0203-1	<i>Elements in crystallography</i> - Rudi CLOOTS <b>Prerequisite :</b> PHYS1985-1 - Physique générale I	B2	Q1	15	15	-	2
CHIM0739-1	<i>Physical chemistry</i> - <i>Thermodynamics</i> - Loïc QUINTON - [15h Mon. WS] - <i>Electrochemistry</i> - Loïc QUINTON - [10h Mon. WS] <b>Prerequisite :</b> CHIM0738-2 - Chimie générale	B2	Q1	20	20	[+]	8
CHIM0704-1	<i>Theoretical chemistry</i> - Françoise REMACLE - [15h QA Sess.] <b>Prerequisite :</b> PHYS1985-1 - Physique générale I MATH1009-1 - Mathématiques générales II <b>Corequisite :</b> MATH2014-1 - Compléments de mathématique	B2	Q1	25	-	[+]	4
CHIM9283-1	<i>Organic Chemistry II, Part A</i> - JeanChristophe MONBALIU - [10h QA Sess.] <b>Prerequisite :</b> CHIM0205-2 - Chimie organique I	B2	Q1	25	45	[+]	6
CHIM9284-1	<i>Analytical chemistry I - Chemical analysis methods</i> - <i>Theory</i> - Gauthier EPPE - <i>Practice</i> - Gauthier EPPE - [26h QA Sess.] <b>Prerequisite :</b> CHIM0738-2 - Chimie générale CHIM0737-3 - Chimie	B2	Q1	26	-	-	3
CHIM9285-1	<i>Chemical Kinetics, Introduction to Spectroscopy and Group Theory</i> - Bernard LEYH - [20h QA Sess.]	B2	Q2	35	-	[+]	6

	<b>Corequisite :</b> CHIM0704-1 - Chimie théorique								
CHIM9283-2	<i>Organic Chemistry II, Part B</i> - Jean-Christophe MONBALIU - [8h QA Sess.]	B2	Q2	15	-	[+]			<b>2</b>
	<b>Prerequisite :</b> CHIM0205-2 - Chimie organique I								
	<b>Corequisite :</b> CHIM9283-1 - Chimie organique II								
CHIM9286-1	<i>Analytical Chemistry II - Separation methods</i> - Gauthier EPPE	B2	Q2	20	80	-			<b>6</b>
BIOL2009-1	<i>Biology and introduction to biochemistry</i> - François BEAUFAY	B2	Q2	30	30	-			<b>6</b>
	<b>Prerequisite :</b> BIOL0006-2 - Biologie								
CHIM0706-1	<i>Environmental chemistry including researching and communicating scientific information</i> - Caroline COLLETTE, Gauthier EPPE	B2	Q2	15	5	-			<b>4</b>
	<b>Prerequisite :</b> LANG2967-3 - Anglais : introduction								
	<b>Corequisite :</b> LANG0076-1 - Anglais 1								
INFO0202-1	<i>Programming Methods Applied to Chemistry</i> - Peter SCHLAGHECK	B2	Q2	15	15	-			<b>2</b>
LANG0076-1	<i>English I (english language)</i> - Daphné BUI, Véronique DOPPAGNE	B2	TA	45	-	-			<b>4</b>
	<b>Prerequisite :</b> LANG2967-3 - Anglais : introduction								
CHIM9287-1	<i>Theoretical and quantum chemistry</i> - Françoise REMACLE - [15h QA Sess.]	B3	Q1	30	20	[+]			<b>4</b>
	<b>Prerequisite :</b> CHIM0704-1 - Chimie théorique								
CHIM9288-1	<i>Spectroscopy and statistical thermodynamics elements</i> - Bernard LEYH - [20h QA Sess.]	B3	Q1	30	-	[+]			<b>4</b>
	<b>Prerequisite :</b> CHIM9285-1 - Cinétique chimique, introduction à la spectroscopie et théorie des groupes								
CHIM0278-1	<i>Organic chemistry III</i> - Lionel DELAUDE - [15h QA Sess.]	B3	Q1	30	55	[+]			<b>7</b>
	<b>Prerequisite :</b> CHIM9283-2 - Chimie organique II CHIM0205-2 - Chimie organique I								
CHIM9289-1	<i>Analytical chemistry III - Physical methods</i> - <i>Physico-chemical methods of analysis</i> - Gauthier EPPE - <i>Electrochemical methods of analysis</i> - Gauthier EPPE - <i>Travaux pratiques et répétitions</i> - Gauthier EPPE - [15h QA Sess.]	B3	Q1	15	-	-			<b>8</b>
	<b>Prerequisite :</b> CHIM9286-1 - Chimie analytique II - Méthodes de séparation CHIM9284-1 - Chimie analytique I - Méthodes chimiques d'analyse								
CHIM0678-1	<i>Biochemistry</i> - André MATAGNE	B3	Q1	30	-	-			<b>3</b>
	<b>Prerequisite :</b> BIOL2009-1 - Biologie et introduction à la biochimie								
CHIM9291-1	<i>Structural analysis</i> - Christian DAMBLON, Loïc QUINTON	B3	Q2	20	25	-			<b>4</b>
	<b>Prerequisite :</b> CHIM9285-1 - Cinétique chimique, introduction à la spectroscopie et théorie des groupes								
CHIM0209-2	<i>Inorganic chemistry</i> - Bénédicte VERTRUYEN - [8h QA Sess.]	B3	Q2	30	70	[+]			<b>8</b>
	<b>Prerequisite :</b> CHIM9286-1 - Chimie analytique II - Méthodes de séparation								
CHIM0283-4	<i>Chemistry of the macromolecules</i> - Christine JÉRÔME	B3	Q2	20	20	-			<b>4</b>
PHYS0968-1	<i>Signal processing</i> - Alejandro SILHANEK	B3	Q2	25	20	-			<b>4</b>
	<b>Prerequisite :</b> MATH2014-1 - Compléments de mathématique								

CHIM9293-1	<i>Spectroscopy integrated laboratory</i> - Christian DAMBLON, Gauthier EPPE, Bernard LEYH, JeanChristophe MONBALIU, Loïc QUINTON <b>Prerequisite :</b> CHIM9283-2 - Chimie organique II CHIM9283-1 - Chimie organique II <b>Corequisite :</b> CHIM9291-1 - Analyse structurale CHIM9289-1 - Chimie analytique III - Méthodes physiques CHIM9288-1 - Spectroscopie et éléments de thermodynamique statistique	B3	Q2	-	100	-	<b>6</b>
CHIM9294-1	<i>Research projects and scientific communication</i> - Caroline COLLETTE, JeanChristophe MONBALIU - [30h Internship]	B3	Q2	5	-	[+]	<b>2</b>
PHIL0201-1	<i>Elements of sciences philosophy</i> - Julien PIERON	B3	Q2	15	-	-	<b>2</b>
LANG0077-1	<i>English 2 (english language)</i> - Clara BRERETON, Véronique DOPPAGNE <b>Prerequisite :</b> LANG0076-1 - Anglais 1	B3	TA	45	-	-	<b>4</b>

#### Optional free courses (B2 : 4Cr)

OCEA0053-1	<i>Study of Oceans and Coastal Management</i> - Sylvie GOBERT, Anne GOFFART	B2	Q2	15	25	-	<b>4</b>
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#### Learning support activities (B1 : 1Cr)

IREM0001-1	<i>Adjusting working methods after the January session (reduced course loads)</i> - Amélie BASTEYNS, AnneFrance LANOTTE - [3h REM]	B1	Q2	-	-	[+]	-
IREM0002-1	<i>Getting organised in the specific context of reduced course loads</i> - Amélie AUQUIÈRE, AnneFrance LANOTTE - [2h REM]	B1	Q2	-	-	[+]	-
IREM0003-1	<i>Preparing for the Spring block and the May-June exams (reduced course loads)</i> - Amélie AUQUIÈRE, AnneFrance LANOTTE - [3h REM]	B1	Q2	-	-	[+]	-
IREM0005-1	<i>Planning the second session (reduced course loads)</i> - Amélie AUQUIÈRE, AnneFrance LANOTTE - [3h REM]	B1	Q2	-	-	[+]	-
IREM0006-1	<i>#BloqueBooster: supervised exam revision in the Spring holidays</i> - Stéphanie GENDARME - [5d REM]	B1	Q2	-	-	[+]	-
IREM0007-1	<i>Zen@etudes: How and why to manage stress? (reduced course loads)</i> - Sandrine WUIDART - [2h REM]	B1	Q2	-	-	[+]	-
IREM0008-1	<i>Keeping or increasing motivation in a context of a reduced course loads</i> - Céline MATHY, Sandrine WUIDART - [2h REM]	B1	Q2	-	-	[+]	-
IREM0009-1	<i>Hebdo MethodO support with additional help in connection to the context of repeating a year</i> - Sylviane HUBERT, AnneFrance LANOTTE - [5h REM]	B1	TA	-	-	[+]	-
IREM0010-1	<i>Getting the year off to a good start</i> - Sylviane HUBERT, AnneFrance LANOTTE - [2h REM]	B1	Q1	-	-	[+]	-
IREM0011-1	<i>Progressing effectively in the 1st term</i> - Amélie AUQUIÈRE, AnneFrance LANOTTE - [2h REM]	B1	Q1	-	-	[+]	-
IREM0012-1	<i>Preparing for the January exams: becoming familiar with the requirements and specificities of university exams</i> - Amélie AUQUIÈRE, AnneFrance LANOTTE - [3h REM]	B1	Q1	-	-	[+]	-
IREM0013-1	<i>Planning your January session: establishing a work programme</i> - Amélie AUQUIÈRE, AnneFrance LANOTTE - [3h REM]	B1	Q1	-	-	[+]	-
IREM0014-1	<i>Working effectively in the second term</i> - Amélie BASTEYNS, AnneFrance LANOTTE - [2h REM]	B1	Q2	-	-	[+]	-
IREM0015-1	<i>Adapting your organisation after the January session (fewer than 30 credits approved)</i> - Amélie BASTEYNS, AnneFrance LANOTTE - [3h REM]	B1	Q2	-	-	[+]	-

IREM0016-1	<i>Planning your May-June session (fewer than 30 credits approved) - Amélie AUQUIÈRE, AnneFrance LANOTTE - [3h REM]</i>	B1	Q2	-	-	[+]	-
IREM0017-1	<i>Planning your second session (fewer than 30 credits approved) - Amélie AUQUIÈRE, AnneFrance LANOTTE - [3h REM]</i>	B1	Q2	-	-	[+]	-
IREM0018-1	<i>Maintaining or rediscovering your motivation if you have to repeat a year (Q1) - Céline MATHY, Sandrine WUIDART - [2h REM]</i>	B1	Q1	-	-	[+]	-
IREM0019-1	<i>Zen@etudes: The hows and whys of stress management (fewer than 30 credits approved - Q1) - Sandrine WUIDART - [2h REM]</i>	B1	Q1	-	-	[+]	-
IREM0020-1	<i>Maintaining or rediscovering your motivation if you have to repeat a year (Q2) - Céline MATHY, Sandrine WUIDART - [2h REM]</i>	B1	Q2	-	-	[+]	-
IREM0021-1	<i>Zen@etudes: How and why to manage stress? (fewer than 30 credits approved - Q2) - Sandrine WUIDART - [2h REM]</i>	B1	Q2	-	-	[+]	-
LREM0005-1	<i>Taking stock of your French skills (Q2) - Marielle MARÉCHAL - [1,5h REM]</i>	B1	Q2	-	-	[+]	-
LREM0010-1	<i>Taking stock of your skills in French (Q1) - Samia HAMMAMI, Frédéric SAENEN - [15h REM]</i>	B1	Q1	-	-	[+]	-
SREM0002-2	<i>Learning support activities in Chemistry, for Chemistry - Rudi CLOOTS - [24h REM]</i>	B1	TA	-	-	[+]	-
SREM0005-1	<i>Learning support activities in Mathematics, for Chemistry - Françoise BASTIN - [20h REM]</i>	B1	TA	-	-	[+]	-
SREM0009-1	<i>Learning support activities in Physics I, for Chemistry - John MARTIN, Nicolas VANDEWALLE - [20h REM]</i>	B1	TA	-	-	[+]	-
SREM0014-2	<i>Learning support activities in Biology, for Chemistry - Marc THIRY - [20h REM]</i>	B1	TA	-	-	[+]	-
SREM0017-3	<i>Learning support activities in Chemistry II, for Chemistry - Loïc QUINTON - [18h REM]</i>	B1	Q2	-	-	[+]	-
SREM0019-2	<i>Learning support activities in Mathematics II, for Chemistry - Françoise BASTIN - [10h REM]</i>	B1	Q2	-	-	[+]	-
SREM0021-1	<i>Learning support activities in Physics II, for Chemistry - Ngoc Duy NGUYEN - [20h REM]</i>	B1	Q2	-	-	[+]	-