

Studies Plan

Chimie 2025-26

Block 1

Courses				Bachelor 3			Bachelor 4			Bachelor 5			Bachelor 6			Exam Session	Exam	Credit			
Lang.	Code	Sect.	Teacher	C	E	L	T	P	I	C	E	L	T	P	I				C	E	L
F	Analytical separation methods							2h 1h						Sum	Written	3					
E	CH-301	CGC	Roussel																		
E	Chemistry of elements s and p													Sum	Written	2					
E	CH-221	CGC	Severin	2h										Win							
E	Coordination chemistry							1h 1h						Sum	During the semester	2					
E	CH-222	CGC	Queen																		
F	Experimental analytical chemistry							4h						Sum	During the semester	3					
F	CH-309	CGC	Roussel																		
F	Organic chemistry laboratory Work													Win	During the semester	3					
F	CH-230	CGC	Marendaz Zhu	1h	4h																
F	Organic functions and reactions I													Win	Written	3					
F	CH-233	CGC	Zhu	2h 1h																	
E	Organometallic chemistry							2h						Sum	Written	2					
E	CH-223	CGC	Mazzanti																		

Block 2

Courses				Bachelor 3			Bachelor 4			Bachelor 5			Bachelor 6			Exam Session	Exam	Credit									
Lang.	Code	Sect.	Teacher	C	E	L	T	P	I	C	E	L	T	P	I	C	E	L	T	P	I						
E	General physics: electromagnetism PHYS-201(e) PH			Scarlino	2h	2h																Win	Written	4			
E	Mathematical methods in chemistry CH-250 CGC			Vanicek				2h	2h																Sum	During the semester	4
E	Practical programming in Chemistry CH-200 CGC			Schwaller				1h	2h																Sum	During the semester	3
E	Quantum chemistry CH-244 CGC			Drabbels	4h	2h																Win	Oral	6			
E	Spectroscopy CH-343 CGC			Drabbels				2h	1h																Sum	Oral	3
F	Statistical mechanics for chemistry CH-242(b) CGC			Kavokine				2h	1h																Sum	Oral	3

Block 3

Courses				Bachelor 3			Bachelor 4			Bachelor 5			Bachelor 6			Exam Session	Exam	Credit						
Lang.	Code	Sect.	Teacher	C	E	L	T	P	I	C	E	L	T	P	I	C	E	L	T	P	I			
F	Biochemistry CH-210	CGC	Heinis	2h	1h																	Win	Written	3
E	Introduction to chemical engineering ChE-201	CGC	Hatzimanikatis	2h	1h																	Win	Written	3
F	Introduction to chemical engineering Laboratory Works ChE-203	CGC	Buonsanti										2h									Sum	During the semester	2
Introduction to transport																								

<i>E</i>	<b>phenomena</b> <i>ChE-204</i>	<i>CGC</i>	<i>Buonsanti</i>	2h 1h	<i>Sum</i>	<i>During the 3 semester</i>
<b>Probability and statistics</b>						
<i>F</i>	<i>MATH-234(b)</i>	<i>MA</i>	<i>Zemel</i>	2h 2h	<i>Win</i>	<i>Written 4</i>

#### Transverse block HSS

<b>Courses</b>			<b>Exam Session</b>	<b>Exam</b>	<b>Credit</b>
<i>Lang.</i>	<i>Code</i>	<i>Sect. Teacher</i>			
	<b>SHS : Bachelor cycle BA6</b>				
<i>F</i>		<i>SHS</i>			<i>2</i>
	<b>HSS : Bachelor cycle BA5</b>				
<i>F</i>		<i>SHS</i>			<i>2</i>
	<b>HSS : Bachelor cycle BA4</b>				
<i>F</i>		<i>SHS</i>			<i>2</i>
	<b>HSS : Bachelor cycle BA3</b>				
<i>F</i>		<i>SHS</i>			<i>2</i>