

Studies Plan

CGC Orientation 2025-26

Block 4

Courses				Bachelor 5	Bachelor 6	Exam Session	Exam	Credit
Lang.	Code	Sect.	Teacher	C E L T P I	C E L T P I			
	Dynamics and kinetics							
E	CH-310	CGC	Feldmann	2h 1h		Win	Written	3
	Electrochemistry of solutions							
F	CH-243	CGC	Roussel	2h 1h		Win	Written	3
	Experimental physical chemistry							
E	CH-349	CGC	Emsley		4h	Sum	During the semester	4
	Modeling lab							
E	CH-315	CGC	Smit	4h		Win	During the semester	3
	Structural analysis							
E	CH-314	CGC	Bostedt Emsley Miéville	3h 1h		Win	Written	4

Block 5

Courses				Bachelor 5	Bachelor 6	Exam Session	Exam	Credit
Lang.	Code	Sect.	Teacher	C E L T P I	C E L T P I			
	Biochemical engineering							
E	ChE-311	CGC	Crelier Zinn		2h 1h	Sum	Written	3
	Bioreactor modeling and simulation							
E	ChE-320	CGC	Hatzimanikatis		1h 3h	Sum	During the semester	3
	Fluid mechanics and transport phenomena							
E	ChE-330	CGC	Sivula	2h 2h		Win	During the semester	4
	Fundamentals of separation processes							
E	ChE-310	CGC	Agrawal		2h 1h	Sum	Written	4
	Numerical methods							
E	ChE-312	CGC	Miskovic Sivula		2h 1h	Sum	During the semester	3

Block 6

Courses				Bachelor 5	Bachelor 6	Exam Session	Exam	Credit
Lang.	Code	Sect.	Teacher	C E L T P I	C E L T P I			
	Chemical engineering practice							
F	ChE-309	CGC	Queen		4h	Sum	During the semester	3
	Chemical process control							
E	ME-323	CGC	Miskovic	2h 1h		Win	Written	3
	Energy systems engineering							
E	ChE-304	CGC	Luterbacher		2h 1h	Sum	During the semester	3
	Opération unitaire et technologie des procédés							
F	CH-334	CGC	Meyer		3h	Sum	Oral	3
	The engineering of chemical reactions							
F	ChE-340	CGC	Vacat		2h 2h	Sum	During the semester	4

Groupe 7

Courses				Bachelor 5					Bachelor 6					Exam Session	Exam	Credit	
Lang.	Code	Sect.	Teacher	C	E	L	T	P	I	C	E	L	T	P	I		
Functional properties of materials																	
F	MSE-210	MX	Piazza	2h											Win	Written	2
Polymer science																	
E	MSE-362	MX	Görl	2h	1h										Win	Written	3