

Semester 1

Teaching Unit	Subjects	Credits	Coefficient	Weekly Hourly Volume		
	Title			Lecture	TU	PW
Fundamental Teaching Unit Code: UEF 1.1 Credits: 18 Coefficients: 9	Mathematics 1	6	3	3h00	1h30	
	Physics 1	6	3	3h00	1h30	
	Structure of Matter	6	3	3h00	1h30	
Methodological Teaching Unit Code: UEM 1.1 Credits: 9 Coefficients: 5	Physics Lab 1	2	1			1h30
	Chemistry Lab 1	2	1			1h30
	Computer Science 1	4	2	1h30		1h30
	Writing Methodology	1	1	1h00		
Discovery Teaching Unit Code: UED 1.1 Credits: 1 Coefficients: 1	Careers in Science and Technology 1	1	1	1h30		
Transversal Teaching Unit Code: UET 1.1 Credits: 2 Coefficients: 2	English	2	2	3h00		
Total Semester 1		30	17	16h00	4h30	4h30

Semester 2

Teaching Unit	Subjects	Credits	Coefficient	Weekly Hourly Volume		
	Title			Lecture	TU	PW
Fundamental Teaching Unit Code: UEF 1.1 Credits: 18 Coefficients: 9	Mathematics 2	6	3	3h00	1h30	
	Physics 2	6	3	3h00	1h30	
	Thermodynamics	6	3	3h00	1h30	
Methodological Teaching Unit Code: UEM 1.1 Credits: 9 Coefficients: 5	Physics Lab 2	2	1			1h30
	Chemistry Lab 2	2	1			1h30
	Computer Science 2	4	2	1h30		1h30
	Presentation Methodology	1	1	1h00		
Discovery Teaching Unit Code: UED 1.1 Credits: 1 Coefficients: 1	Careers in Science and Technology 2	1	1	1h30		
Transversal Teaching Unit Code: UET 1.1 Credits: 2 Coefficients: 2	English	2	2	3h00		
Total Semester 2		30	17	16h00	4h30	4h30

Semester 3

Teaching Unit	Title	Crédits	Coefficient	Weekly Hourly Volume		
				Lecture	TU	PW
Fundamental Teaching Unit Code : UEF 2.1.1 Crédits : 10 Coefficients : 5	Mathematics 3	6	3	3h00	1h30	
	Waves and Vibrations	4	2	1h30	1h30	
Fundamental Teaching Unit Code : UEF 2.1.2 Crédits : 8 Coefficients : 4	Fluid Mechanics	4	2	1h30	1h30	
	Inorganic Chemistry	4	2	1h30	1h30	
Methodological Teaching Unit Code : UEM 2.1 Crédits : 9 Coefficients : 5	Probability and Statistics	4	2	1h30	1h30	
	Computer Science 3	2	1			1h30
	Technical Drawing	2	1			1h30
	Waves and Vibrations Lab	1	1			1h00
Discovery Teaching Unit Code : UED 2.1 Crédits : 2 Coefficients : 2	HSE (Health, Safety, and Environment) in Industrial Installations	1	1	1h30		
	Regulations and Standards	1	1	1h30		
UE Transversale Code : UET 2.1 Credits : 1 Coefficients : 1	Technical English	1	1	1h30		
Total Semester 3		30	17	13h30	7h30	4h00

Semester 4

Teaching Unit	Subjects	Credits	Coeff	Weekly Hourly Volume		
	Title			Lecture	TU	PW
Fundamental Teaching Unit Code : UEF 2.2.1 Credits : 8 Coefficients : 5	Solution Chemistry	4	2	1h30	1h30	
	Organic Chemistry	4	2	1h30	1h30	
Fundamental Teaching Unit Code : UEF 2.2.2 Credits : 8 Coefficients : 4 Fundamental Teaching Unit Code : UEF 2.2.3 Credits : 2 Coefficients : 1	Chemical Thermodynamics	4	2	1h30	1h30	
	Numerical Methods	4	2	1h30	1h30	
	Chemical Kinetics	2	1	1h30		
Methodological Teaching Unit Code : UEM 2.2 Credits : 9 Coefficients : 5	Solution Chemistry Lab	2	1			1h30
	Organic Chemistry Lab	1	1			1h00
	Fluid Mechanics Lab	2	1			1h30
	Numerical Methods Lab	2	1			1h30
	Chemical Kinetics Lab	2	1			1h30
Discovery Teaching Unit Code : UED 2.2 Credits : 2 Coefficients : 2	Introduction to Refining and Petrochemistry	1	1	1h30		
	Basics of Transport Phenomena	1	1	1h30		
UE Transversale Code : UET 2.2 Credits : 1 Coefficients : 1	Expression and Communication Techniques	1	1	1h30		
Total Semester 4		30	17	12h00	6h00	7h00

Semester 5

Teaching Unit	Subjects	Credits	Coefficient †	Weekly Hourly Volume		
	Title			Lecture	TU	PW
Fundamental Teaching Unit Code : UEF 3.1.1 Credits : 10 Coefficients : 5	Heat Transfer	4	2	1h30	1h30	
	Mass Transfer	4	2	1h30	1h30	
	Momentum Transfer	2	1	1h30		
Fundamental Teaching Unit Code : UEF 3.1.2 Credits : 8 Coefficients : 4	Electrochemistry	4	2	1h30	1h30	
	Instrumentation - Sensors	2	1	1h30		
	Kinetics and Homogeneous Catalysis	2	1	1h30		
Methodological Teaching Unit Code : UEM 3.1 Credits : 9 Coefficients : 5	Analysis Techniques	4	2	1h30		1h30
	PW Physical Chemistry and Chemical Engineering 1	2	1			1h30
	Macroscopic Balances	3	2	1h30	1h00	
Discovery Teaching Unit Code : UED 3.1 Credits : 2 Coefficients : 2	Pharmaceutical Processes	1	1	1h30		
	Agri-Food Processes	1	1	1h30		
UE Transversale Code : UET 3.1 Credits : 1 Coefficients : 1	Pollution : Air, eau, sol	1	1	1h30		
Total Semester 5		30	17	16h30	5h30	3h00

Semester 6

Unité d'enseignement	Subjects	Credits	Coefficient	Weekly Hourly Volume		
	Title			Lecture	TU	PW
Fundamental Teaching Unit Code : UEF 3.2.1 Credits : 10 Coefficients : 5	Unit Operations	6	3	3h00	1h30	
	Equilibrium Thermodynamics	4	2	1h30	1h30	
Fundamental Teaching Unit Code : UEF 3.2.2 Credits : 8 Coefficients : 4	Homogeneous Reactors	4	2	1h30	1h30	
	Surface Phenomena and Heterogeneous Catalysis	4	2	1h30	1h30	
Methodological Teaching Unit Code : UEM 3.2 Credits : 9 Coefficients : 5	End-of-Cycle Project	4	2			3h00
	Process Simulators	3	2	1h30		1h00
	PW Physical Chemistry Lab 2 and Chemical Engineering 2	2	1			1h30
Discovery Teaching Unit Code : UED 3.2 Credits : 2 Coefficients : 2	Cryogenic Processes	1	1	1h30		
	Corrosion	1	1	1h30		
UE Transversale Code : UET 3.2 Credits : 1 Coefficients : 1	Partnership	1	1	1h30		
Total Semester 6		30	17	13h30	6h00	5h30