

First semester

Teaching unit	Contents	Credits	Coefficient	Weekly volume hourly			Semi-annual timetable volume (15 weeks)	Complementary Work in Consultation (15 weeks)	Evaluation mode	
	Entitled			Course	Tutorial	PW			Continuous Control	Exam
Fundamental Unity Code : UEF 1.1 Crédits : 18 Coefficients : 9	Math 1	6	3	3h00	1h30		67h30	82h30	40%	60%
	Physics 1	6	3	3h00	1h30		67h30	82h30	40%	60%
	Structure of matter	6	3	3h00	1h30		67h30	82h30	40%	60%
UE Méthodologie Code : UEM 1.1 Crédits : 9	Practicalworkphysi cs 1	2	1			1h30	22h30	27h30	100%	
	Practicalwork Chemistry 1	2	1			1h30	22h30	27h30	100%	
	computer science 1	4	2	1h30		1h30	45h00	55h00	40%	60%
	Writingmethodolog	1	1	1h00			15h00	10h00		100%

Coefficients : 5	y									
Discovery Unit Code : UED 1.1 Crédits : 1 Coefficients : 1	Careers in science and technologies 1	1	1	1h30			22h30	02h30		100%
Transversal Unit Code : UET 1.1	Foreign language 1 (French and / or	2	2	3h00			45h00	05h00		100 %
Total semester 1		3 0	17	16h0 0	04h30	04h3 0	375h00	375h00		

Second semester

Teaching unit	Contents	Credits	Coefficient	Weekly hourly volume			Semi-annual timetable volume (15 weeks)	Complementary Work in Consultation (15 weeks)	Evaluation mode	
	Entitled			Course	Tutorial	PW			Continuous Control	Exam
Fundamental Unity Code : UEF 1.2 Crédits : 18 Coefficients : 9	Math 2	6	3	3h00	1h30		67h30	82h30	40%	60%
	Physics 2	6	3	3h00	1h30		67h30	82h30	40%	60%
	Thermodynamics	6	3	3h00	1h30		67h30	82h30	40%	60%
Methodological Unit Code : UEM 1.2 Crédits : 9 Coefficients : 5	Practicalworkphysics 1	2	1			1h30	22h30	27h30	100%	
	Practicalwork Chemistry 1	2	1			1h30	22h30	27h30	100%	
	computer science 1	4	2	1h30		1h30	45h00	55h00	40%	60%
	Presentationmethodology	1	1	1h00			15h00	10h00		100%
Discovery Unit	Careers in science and technologies 2	1	1	1h30			22h30	02h30		100%

Code : UED 1.2 Crédits : 1 Coefficients : 1										
Transversal Unit Code : UET 1.2 Crédits : 2 Coefficients : 2	Foreign language 2 (French and / or English)	2	2	3h00			45h00	05h00		100 %
Total semester 2		30	17	16h00	04h30	04h 30	375h00	375h00		

Third semester

	Contents	Cr	CS	Weekly hourly volume	Semi-	Complementar	Evaluation mode
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Teaching unit	Entitled	credits	efficient	Course	Tutorial	PW	annual timetable volume (15 weeks)	Work in Consultation (15 weeks)	Continuous Control	Exam
Fundamental Unit Code : UEF 2.1.1 Crédits : 10 Coefficients : 5	Math 3	6	3	3h00	1h30		67h30	82h30	40%	60%
	Waves and vibrations	4	2	1h30	1h30		45h00	55h00	40%	60%
Fundamental Unit Code : UEF 2.1.2 Crédits : 8 Coefficients : 4	Fluidmechanics	4	2	1h30	1h30		45h00	55h00	40%	60%
	Rational mechanics	4	2	1h30	1h30		45h00	55h00	40%	60%
Methodological Unit Code : UEM	Probability and statistics	4	2	1h30	1h30		45h00	55h00	40%	60%
	IT 3	2	1			1h30	22h30	27h30	100%	

2.1 Crédits : 9 Coefficients : 5	Technical drawing	2	1			1h30	22h30	27h30	100%	
	TP Waves and vibrations	1	1			1h30	15h00	10h00	100%	
Discovery Unit Code : UED 2.1 Crédits : 2 Coefficients : 2	Basic technology	1	1	1h30			22h30	02h30		100%
	Metrology	1	1	1h30			22h30	02h30		100%
Transversal Unit Code : UET 2.1 Crédits : 1 Coefficients : 1	Technical English	1	1	1h30			22h30	02h30		100%
Total semester 3		30	17	15h00	06h00	04h00	375h00	375h00		

Forth semester

Teaching unit	Contents	Credits	Coefficient	Weekly hourly volume			Semi-annual timetable volume (15 weeks)	Complementary Work in Consultation (15 weeks)	Evaluation mode	
	Entitled			Course	Tutorial	PW			Continuou s Control	Exam
Fundamental Unity Code : UEF 2.2.1 Crédits : 6 Coefficients : 3	General hydraulics I	4	2	1h30	1h30		45h00	55h00	40%	60%
	Hydrology I	2	1	1h30			22h30	27h30		100%
Fundamental Unity Code : UEF 2.2.2 Crédits : 8 Coefficients : 4	Math 4	4	2	1h30	1h30		45h00	55h00	40%	60%
	Numerical methods	4	2	1h30	1h30		45h00	55h00	40%	60%
Fundamental	Strength of	4	2	1h30	1h30		45h00	55h00	40%	60%

Unity Code : UEF 2.2.3 Crédits : 4 Coefficients : 2	materials									
Methodologic al Unit Code : UEM 2.2 Crédits : 9 Coefficients : 5	Computer Assisteddrawing	2	1			1h30	22h30	27h30	100%	
	TP Fluidmechanics	2	1			1h30	22h30	27h30	100%	
	TP Numericalmetho ds	2	1			1h30	22h30	27h30	100%	
	TP Materialresistanc e	1	1			1h00	15h00	10h00	100%	
	TP Hydrology	2	1			1h30	22h30	27h30	100%	
Discovery Unit Code : UED 2.2 Crédits : 2 Coefficients :	Geology	1	1	1h30			22h30	02h30		100 %
	Topography	1	1	1h30			22h30	02h30		100 %

2									
Transversal Unit Code : UET 2.2 Crédits : 1 Coefficients : 1	Techniques of expression and communication	1	1	1h30			22h30	02h30	100 %
Total semester 4		30	17	12h00	06h00	07h00	375h00	375h00	

Fifth semester

Teaching unit	Contents	Credits	Coefficient	Weekly hourly volume			Semi-annual timetable volume (15 weeks)	Complementary Work in Consultation (15 weeks)	Evaluation mode	
	Entitled			Course	Tutorial	PW			Continuou s Control	Exa m
Fundamental Unity Code : UEF 3.1.1 Crédits : 10 Coefficients : 5	General hydraulics II	4	2	1h30	1h30		45h00	55h00	40%	60%
	Hydrology II	4	2	1h30			45h00	55h00	40%	60%
	Hydrogeology			1h30	1h30		22h30	27h30		100%
Fundamental Unity Code : UEF 3.1.2 Crédits : 8 Coefficients : 4	Hydraulic structures	2	1	1h30	1h30		45h00	55h00	40%	60%
	Ground Mecanic	4	2	1h30	1h30		45h00	55h00	40%	60%
Methodologica l Unit Code : UEM	TP Topography	2	1			1h30	22h30	27h30	100%	
	Water treatment and	4	2	1h30	1h30		45h00	55h00	40%	60%

3.1 Crédits : 9 Coefficients : 5	purification									
	TP Soilmechanics	2	1			1h30	22h30	27h30	100%	
	TP Hydraulics	1	1			1h00	15h00	10h00	100%	
Discovery Unit Code : UED 3.1 Crédits : 2 Coefficients : 2	Irrigation	1	1	1h30			22h30	02h30		100%
	Notions of Geographic Information System	1	1	1h30			22h30	02h30		100%
Transversal Unit Code : UET 3.1 Crédits : 1 Coefficients : 1	Water legislation	1	1	1h30			22h30	02h30		100%
Total semester 5		30	17	13h00	07h30	04h00	375h00	375h00		

Sixth semester

Teaching unit	Contents	Credits	Coefficient	Weekly hourly volume			Semi-annual timetable volume (15 weeks)	Complementary Work in Consultation (15 weeks)	Evaluation mode	
	Entitled			Course	Tutorial	PW			Continuous Control	Exam
Fundamental Unity Code : UEF 3.2.1 Crédits : 10 Coefficients : 5	Hydraulic arrangements	4	2	3h00	1h30		45h00	55h00	40%	60%
	Drinking water supply	4	2	1h30	1h30		45h00	55h00	40%	60%
	Construction materials			1h30			22h30	27h30		100%
Fundamental	Sanitation	2	1	1h30	1h30		45h00	55h00	40%	60%

Unity Code : UEF 3.2.2 Crédits : 8 Coefficients : 4	Pumps and pumping stations	4	2	1h30	1h30		45h00	55h00	40%	60%
Methodologic al Unit Code : UEM 3.2 Crédits : 9 Coefficients : 5	End of Cycle Project	4	2			1h30	45h00	55h00	100%	
	Hydro- informatics	1	1			1h00	15h00	10h30	100%	
	Reinforcedconcre te concepts	4	2			1h30	45h00	55h00	40%	60%
Discovery Unit Code : UED 3.2 Crédits : 2 Coefficients : 2	Water resources management.	1	1	1h30	1h30		22h30	02h30		100 %
	Network pipe technology and equipment	1	1	1h30			22h30	02h30		100 %
Transversal Unit Code : UET 3.2	Professional project and business	1	1	1h30			22h30	02h30		100 %

Crédits : 1 Coefficients : 1	manageme									
Total semester 6		30	17	13h30	07h30	04h0 0	375h00	375h00		