

Semester 1

Teaching unit	Contents	Credits	Coefficient	Weekly hourly volume			Semi-annual timetable volume (15 weeks)	Complementary Work in Consultation (15 weeks)	Evaluation mode	
	Entitled			Course	Tutorials	PW			Continuou s Control	Exam
Fundamental Unity Code : FU 1.1.1 Credits : 10 Coefficients : 5	Applied hydraulics	6	3	3h00	1h30		67h30	82h30	40%	60%
	Hydrological analysis and modeling	4	2	1h30	1h30		45h00	55h00	40%	60%
Fundamental Unity Code : FU 1.1.2 Credits : 8 Coefficients : 4	Free surface flows	4	2	1h30	1h30		45h00	55h00	40%	60%
	flows under-load	4	2	1h30	1h30		45h00	55h00	40%	60%
Methodological Unit Code : MU 1.1 Credits : 9 Coefficients : 5	Numerical Hydraulics	3	2			2h30	37h30	37h30	100%	
	Geographic Information Systems (GIS)	4	2	1h30	1h30		45h00	55h00	40%	60%
	Wastewater II	2	1			1h30	22h30	27h30	100%	
Discovery Unit Code : DU 1.1 Credits : 2 Coefficients : 2	environmental concept	1	1	1h30			22h30	02h30		100%
	Water Resources Protection	1	1	1h30			22h30	02h30		100%
Transversal Unit Code : TU 1.1 Credits : 1 Coefficients : 1	Technical English and terminology	1	1	1h30			22h30	02h30		100%
Total semester 1		30	17	13h30	07h30	04h00	375h00	375h00		

Semester 2:

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 : FU 1.2.1 Credits : 10 Coefficients : 5	Water treatment and desalination	6	3	3h00	1h30		67h30	82h30	40%	60%
	Hydraulic Structures	4	2	1h30	1h30		45h00	55h00	40%	60%
Fundamental Unity Code : FU 1.2.2 Credits : 8 Coefficients : 4	Hydraulic machines and pumping stations	4	2	1h30	1h30		45h00	55h00	40%	60%
	Underground hydraulics	4	2	1h30	1h30		45h00	55h00	40%	60%
Methodological Unit Code : MU 1.2 Credits : 9 Coefficients : 5	Hydraulic modeling and simulation	3	2			2h30	37h30	37h30	100%	
	PW Water treatment and desalination	2	1			1h30	22h30	27h30	100%	
	PW Hydraulic machines and pumping stations	2	1			1h30	22h30	27h30	100%	
	Organization and mechanization of works	2	1	1h30			22h30	27h30		100%
Discovery Unit Code : DU 1.2 Credits : 2 Coefficients : 2	Hydrological measurements and measuring equipment	1	1	1h30			22h30	02h30		100%
	Alternative Stormwater Management	1	1	1h30			22h30	02h30		100%
Transversal Unit Code : TU 1.2 Credits : 1 Coefficients : 1	Ethics, professional conduct and intellectual property	1	1	1h30			22h30	02h30		100%
Total semester 2		30	17	13h30	06h00	06h30	375h00	375h00		

Semester 3:

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 : FU 2.1.1 Credits : 12 Coefficients : 6	Distribution and collection of urban water	6	3	3h00	1h30		67h30	82h30	40%	60%
	Wastewater treatment and water reuse	4	2	1h30	1h30		45h00	55h00	40%	60%
	Preservation and Protection against floods	2	1	1h30			22h30	27h30		100%
Fundamental Unity Code : FU 2.1.2 Credits : 6 Coefficients : 3	Management of rivers and solid transportation	4	2	1h30	1h30		45h00	55h00	40%	60%
	Reconnaissance and drilling techniques	2	1	1h30			22h30	27h30		100%
Methodological Unit Code : MU 2.1 Credits : 9 Coefficients : 5	Specialized software	1	1			1h00	15h00	10h00	100%	
	PW Wastewater treatment	2	1			1h30	22h30	27h30	100%	
	Integrated water resources management	4	2	1h30	1h30		45h00	55h00	40%	60%
	Project management	2	1	1h30			22h30	27h30		100%
Discovery Unit Code : DU 2.1 Credits : 2 Coefficients : 2	Roads and Miscellaneous Network	1	1	1h30			22h30	02h30		100%
	Hydro-economy	1	1	1h30			22h30	02h30		100%
Transversal Unit Code : TU 2.1 Credits : 1 Coefficients : 1	Documentary research and memory design	1	1	1h30			22h30	02h30		100%
Total semester 3		30	17	15h00	06h00	04h00	375h00	375h00		