

Hexagon 1

A learning module	metrics	credits	Labs	Weekly volume per hour			Evaluation method	
	Title			Cours	DW	PW	Constant monitoring	An exam
Basic credits : 8 Labs : 4	Structural mechanics	4	2	1h30	1h30		40%	60%
	Structural dynamics 1	4	2	1h30	1h30		40%	60%
Basic credits : 10 Labs : 5	Reinforced concrete structures 1	4	2	1h30	1h30		40%	60%
	Metal structures	6	3	3h00	1h30		40%	60%
Methodology credits : 9 Labs : 5	Programming complement	4	2	1h30		1h30	40%	60%
	Experimental methods	2	1			1h30	100%	
	Innovative materials and durability	3	2	1h30		1h30	40%	60%
Exploratory credits : 9 Labs : 5	Pathologies and rehabilitation of structures	1	1	1h30				100%
	Building thermics	1	1	1h30				100%
Transversal credits : 9 Labs : 5	Technical English and terminology	1	1	1h30				100%
Total hex sum 1		30	17	15h00	6h00	4h00		

Hexagon 2

A learning module	metrics	credits	Labs	Weekly volume per hour	Evaluation method
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	Title			Cours	DW	PW	Constant monitoring	An Exam
Basic credits : 10 Labs : 5	Elasticity	6	3	3h00	1h30		40%	60%
	Structural dynamics 2	4	2	1h30	1h30		40%	60%
Basic credits : 8 Labs : 4	Reinforced concrete structures 2	4	2	1h30	1h30		40%	60%
	Foundations and retaining walls	4	2	1h30	1h30		40%	60%
Methodology credits : 9 Labs : 5	Finite element methods	5	3	1h00	1h30	1h30	40%	60%
	Steel construction project	4	2	1h30		*1h30	*70%	30%
Exploratory credits : 2 Labs : 2	General construction processes	1	1	1h30				100%
	Project planning and management	1	1	1h30				100%
Transversal credits : 1 Labs : 1	Ethics, professional conduct and intellectual property	1	1	1h30				100%
Total hex sum 2		30	17	15h00	7h30	2h30		

Hexagon 3

A learning module	metrics	credits	Labs	Weekly volume per hour			Evaluation method	
	Title			Cours	DW	PW	Constant monitoring	An Exam
Basic credits : 10 Labs : 5	Prestressed concrete	6	3	3h00	1h30		40%	60%
	Plasticity and damage	4	2	1h30	1h30		40%	60%
Basic credits : 8 Labs : 4	Earthquake engineering	4	2	1h30	1h30		40%	60%
	Special structures	4	2	1h30	1h30		40%	60%
Methodology credits : 9 Labs : 5	Reinforced concrete structures project	6	3	1h30		*3h00	*70%	30%
	Modelling structures	3	2			2h30	100%	

Exploratory credits : 2 Labs : 2	Public Procurement Code	1	1	1h30				100%
	Bridges	1	1	1h30				100%
Transversal credits : 1 Labs : 1	Documentary research and memoir design	1	1	1h30				100%
Total hex sum 3		30	17	13h30	6h00	5h30		