

Master Energy - Electrical Engineering

	Type	COEF	ECTS	CM	TD	TP	Total
Semester 07	Oblig.	0	30,0	76,0	118,0	75,0	269,0
UE1 - Industrial sphere 1	Oblig.	1	6,0		38,0		38,0
ELC1 - English	Oblig.	0.5	3,0		20,0		20,0
ELC2 - Professional communication	Oblig.	0.5	3,0		18,0		18,0
UE2 - Electrical actuators	Oblig.	1	6,0	24,0	24,0	36,0	84,0
UE3 - Power electronics	Oblig.	1	6,0	28,0	28,0	18,0	74,0
UE4 - Automation	Oblig.	1	6,0	24,0	28,0	21,0	73,0
UE5 - Integrative project 1	Oblig.	1	6,0				
Semester 08	Oblig.	0	30,0	98,0	126,0	54,0	278,0
UE6 - Industrial sphere 2	Oblig.	1	6,0	18,0	38,0		56,0
ELC1 - English	Oblig.	0.34	2,0		20,0		20,0
ELC2 - Energy transition economics	Oblig.	0.33	2,0	18,0			18,0
ELC3 - Project management	Oblig.	0.33	2,0		18,0		18,0
UE7 - H2 and energy storage	Oblig.	1	6,0	28,0	28,0	18,0	74,0
UE8 - Electric and hybrid drive chains	Oblig.	1	6,0	24,0	18,0	36,0	78,0
UE9 - Power plants and renewable energies	Oblig.	1	6,0	28,0	42,0		70,0
UE10 - Integrative project 2	Oblig.	1	6,0				
Semester 09	Oblig.	0	30,0	70,0	116,0	72,0	258,0
UE1 - Industrial sphere 3	Oblig.	1	6,0	6,0	44,0		50,0
ELC1 - English	Oblig.	0.4	2,0		20,0		20,0
ELC2 - Legal and economic culture	Oblig.	0.36	2,0	6,0	12,0		18,0
ELC3 - Entrepreneurship	Oblig.	0.24	2,0		12,0		12,0
UE2 - Modeling and control of energy systems	Oblig.	1	6,0	20,0	24,0	18,0	62,0
UE3 - Applied AI for energy systems	Oblig.	1	6,0	20,0	24,0	18,0	62,0
UE4 - Development of (semi-) analytical and numerical multi-physical models	Oblig.	1	6,0	24,0	24,0	36,0	84,0
UE5 - Integrative project 3	Oblig.	1	6,0				
Semester 10	Oblig.	0	30,0				
UE6 - Internship	Oblig.	4	30,0				