

Bachelor Engineering Science - Electrical Engineering and Energy Systems

	Type	COEF	ECTS	CM	TD	TP	Total
Semester 05	Oblig.		30,0	111,0	119,0	96,0	326,0
UE1 - Applied mathematics	Oblig.	0	6,0	22,0	20,0	12,0	54,0
ELC1 - Numerical analysis	Oblig.	0.5	3,0	9,0	4,0	12,0	25,0
ELC2 - Mathematics for engineers	Oblig.	0.5	3,0	13,0	16,0		29,0
UE2 - Applied physics	Oblig.	1	6,0	24,0	24,0	24,0	72,0
ELC1 - Electronics	Oblig.	1	3,0	12,0	12,0	12,0	36,0
ELC2 - Electromagnetism	Oblig.	1	3,0	12,0	12,0	12,0	36,0
UE3 - Electrical energy conversion	Oblig.	1	6,0	34,0	28,0	21,0	83,0
ELC1 - Power electronics	Oblig.	1	3,0	20,0	14,0	12,0	46,0
ELC2 - Electrotechnics	Oblig.	1	3,0	14,0	14,0	9,0	37,0
UE4 - Instrumentation and industrial computing	Oblig.	1	6,0	31,0	17,0	30,0	78,0
ELC1 - Instrumentation, measurements, sensors	Oblig.	1	3,0	10,0	9,0	15,0	34,0
ELC2 - Industrial computing	Oblig.	1	3,0	21,0	8,0	15,0	44,0
UE5 - Professional environment knowledge	Oblig.	1	6,0		30,0	9,0	39,0
ELC1 - Professional project workshop	Oblig.	0.17	1,0			9,0	9,0
ELC2 - English	Oblig.	0.83	5,0		30,0		30,0
Semester 06	Oblig.		30,0	72,0	68,0	64,0	204,0
UE6 - Signals and systems	Oblig.	1	6,0	30,0	26,0	32,0	88,0
ELC1 - Signal processing	Oblig.	0	2,0	8,0	8,0	12,0	28,0
ELC2 - Automatation	Oblig.	0	2,0	12,0	10,0	8,0	30,0
ELC3 - Linear voltage feedback	Oblig.	1	2,0	10,0	8,0	12,0	30,0
UE7 - Thermal and mechanical systems	Oblig.	1	6,0	24,0	24,0	24,0	72,0
ELC1 - Mechanical systems	Oblig.	0	3,0	12,0	12,0	12,0	36,0
ELC2 - Components heat science	Oblig.	1	3,0	12,0	12,0	12,0	36,0
UE8 - Electrical energy technology and storage	Oblig.	0	6,0	18,0	18,0	8,0	44,0
ELC1 - Electrical energy storage	Oblig.	1	3,0	8,0	8,0	8,0	24,0
ELC2 - Electrical technology	Oblig.	1	3,0	10,0	10,0		20,0
UE9 - Integrative project	Oblig.	1	6,0				
UE10 - Industrial internship	Oblig.	0	6,0				