1st year					
	TU		ECTS		
SEMESTER 1	Common program	Electrical Machines Design and Synthesis of Power Converters Electrical Grids Control of Linear Systems Soft and Human Skills	30		
SEMESTER 2	Common program	Nonlinear Control of the Systems Architecture and Control of Electrical Systems Real Time Control Soft and Human Skills			
	A choice of two programs	Program 1 Mechatronic Systems : -Materials for Actuation -Analytical Tools and Physics of Mechatronics Program 2 Electrical Systems of the Future : -Design of Static Converters -Renewable Energies and FACTS	30		

2nd year

	TU		ECTS
	A choice of three Programs		
		Systems and Power Grids	
		Design of Static Converters	
		Advanced Systems and Static Converters	
	Advanced Power Electronics		30
		Actuators and Generators	
ŝ		Smart Grids and Micro Grids	
ER		Soft & Human Skills	

1	ST	[Physics for Mechatronics	
	SEMEST	Electrodynamics and Mechatronics	Numerical Methods and Optimization	- 30
			Design of Electromechanical Systems	
			Architecture of Mechatronic Systems	
			Applied Mechatronics	
			Soft & Human Skills	
			Systemic Design	
		New Energy Technologies	Storage and Hydrogen Vector	30
L			Renewable Energies	
	SEMESTER 4	Practical semester	Diploma Internship, i.e. "End-of-study Project ": 6 months in Academic Research Laboratories or in Industry Research & Development Centers – legally paid internship.	30