MASTER'S DEGREE IN ELECTRICAL ENGINEERING

DEGREE PROGRAMME 2025/2026

Course contents are available at this link

1st year

Sem	Teaching course	SSD*	TAF*	Credits	h
1	Measurements for Electric Energy	ING-INF/07	B	9	90
1	Occupational Health and Safety	ING-IND/28	C	6	60
	Integrated Course: Power Systems: Analysis, Dynamics and Stability				
1	- Module: Power Systems Analysis and Control	ING-IND/33	B	6	60
2	- Module: Power Systems Dynamics and Stability	ING-IND/33	B	6	60
	Integrated Course: Electrical Energy Management and Electrical Vehicles				
1	- Module: Electrical Vehicles	ING-IND/32	B	5	50
2	- Module: Electrical Energy Management	ING-IND/32	B	5	50
2	Analysis and Control of Mimo Systems	ING-INF/04	C	6	60

2nd year

Sem	Teaching course	SSD*	TAF*	Credits	h
1	Applied Electromagnetism in Electrical and Energy Engineering	ING-IND/31	B	9	90
1	Power Systems Generation and Economics	ING-IND/33	B	9	90
	Integrated Course: Design of Signal Processing Systems				
2	- Module: Design of Signal Processing Circuits	ING-IND/31	B	6	60
2	- Module: Data driven models for system engineering	ING-IND/31	B	6	60
	Integrated Course: Electric Energy Conversion and Propulsion Systems				
2	- Module: Static Electric Energy Conversion and Electromagnetic Compatibility	ING-IND/32	B	6	60
2	- Module: Electric Propulsion Systems	ING-IND/32	B	6	60

Additional credits to be acquired

Sem	Activity	SSD*	TAF*	Credits	h
	Elective activities[1]		D	15	
	English Language Test - B2 or other activities[2]		F	3	
	Other activities		F	2	
	Final Examination		E	15	

The semester could change; check in Course bulletin of the academic year.

TOTAL CREDITS 120

(1) The elective activities must be consistent with the personal educational plan and they need approval by the Degree Programme Board.

(2) The credits of European language level can be acquired passing the English language test at B2 European level (CEFR) at Centro Linguistico d'Ateneo. If the student can show appropriate certification of B2 European level (CEFR) knowledge other activities could be acquired.

***Abbreviations**

SSD	Scientific Disciplinary Sector
TAF	Type of Educational Activity