



MASTER'S DEGREE IN ELECTRICAL ENGINEERING

DEGREE PROGRAMME 2014/2015

Course contents are available at this [link](#)

1st year

Sem	Teaching course	SSD*	TAF*	Credits	h
1	Analysis and Control of MIMO Systems	ING-INF/04	C	6	60
1	Applied Electromagnetism in Electrical and Energy Engineering	ING-IND/31	B	9	90
1	Measurements for Electric Energy	ING-INF/07	B	9	90
	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
2	Electrical Drives and Electromagnetic Compatibility	ING-IND/32	B	9	90
2	Safety and Project Management at Construction Sites	ING-IND/28	C	6	60

2nd year

Sem	Teaching course	SSD*	TAF*	Credits	h
1	Power Systems Generation and Economics	ING-IND/33	B	9	90
	Integrated Course: Electrical Energy Management and Electrical Vehicles				
1	- Module: Electrical Energy Management	ING-IND/32	B	7	70
2	- Module: Electrical Vehicles	ING-IND/32	B	5	50
	Integrated Course: Circuits Design for Signal Processing				
1	- Module: Nonlinear Systems and Chaos	ING-IND/31	B	6	60
2	- Module: Analog and Digital Filters	ING-IND/31	B	6	60

Additional credits to be acquired

Sem	Activity	SSD*	TAF*	Credits	h
	Elective activities ¹		D	15	
	Other activities		F	6	
	Final Examination		E	15	

TOTAL CREDITS 120

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

*Abbreviations

SSD	Scientific Disciplinary Sector
TAF	Type of Educational Activity