

# Master's Degree in Industrial Constructions and Installations



The Master in Industrial Constructions and Installations provides students with a solid scientific background and a wide range of knowledge in various industrial technologies forging the same as multidisciplinary professionals to develop their professional work in industries, enterprises and in the public administration agencies, as well as the freelance.

Please find more information about the degree [here](#).

## Distribution of credits

Compulsory courses	Master Thesis	Total ECTS Credits
75.00	15.00	90.00

## FIRST YEAR\*

Code	Course Name	Term	ECTS Credits
32800	Advanced Industrial Constructions	A	3
31817	Seismic Analysis and Design of Buildings	A	3
31820	Direction and Management of Building Projects	A	3
32804	Concrete Structures	A	3
32803	Metallic Structures	A	3
32801	Geotechnical Engineering and Foundation Design	A	3
32807	Electrical Installations	A	3
31824	Heat and Cold Production	A	3
32802	Urban Planning	A	3
31831	Low-Voltage Electrotechnical Regulations	A	3
31818	Advanced Special Foundations Design	B	3
32806	Technical Management of Projects	B	3
31829	Urban Electricity Distribution Networks	B	3
32809	Cooling and Air Conditioning Installations	B	3
32805	Fire Resistance of Structures	B	3
31822	Urban Projects	B	3
31828	Industrial Ventilation	B	3
31830	Lightning Installations	B	3
31808	Fluids Installations	B	6
		Total	60

**SECOND YEAR\***

Compulsory courses	Master Thesis	Total 2 <sup>nd</sup> Year
15 ECTS	15 ECTS	30 ECTS

Code	Course Name	Term	Credits
31825	Air Conditioning and Energy Efficiency Systems	A	3
31823	Energy Certification of Buildings	A	3
31821	Computer Aided Design in Metal and Concrete Constructions	A	3
31827	Computational Simulation of Fluids Installations	A	3
31826	Fuel and Technical Gases Installations	A	3
31832	Master Thesis	Annual	15
		Total	30

*\*Language of tuition will be Spanish*