

Master's Degree in Renewable Energies and Energy Efficiency

OWN DEGREE

Pioneering Master's degree in Spain designed to respond to the demand for new transversal professionals, capable of obtaining a global vision of all the processes of energy generation, distribution and consumption, where renewable energies are the main protagonists of this energy transition.

An exclusive degree with a professional focus, organised in association with the Environmental Superior Institute (ISM), which collaborates in the entire training process of the Master's Degree.

Why study this Master's Degree?

- You will receive **in-depth practical training** in the techniques and tools that energy sector professionals need to handle: legislation, consumption, energy resources, renewable technologies, energy self-consumption, energy efficiency, project financing, climate change, ISO 50001, etc.
- All the **computer tools** that are useful for the Master's subjects are taught: PVGIS, PVSYST, technical and economic analysis of energy projects with Excel, analysis of power plants with EES (Engineering Equation Solver), Retscreen, AUTOCAD, C3x and HULC as well as other energy resource modelling software.
- It allows the creation of a **network of knowledge and networking** between students of more than 50 different nationalities.
- **Job placement and high employability.** Master's degree in one of the sectors with the highest labour demand. In addition, students have a personalised guidance and internship coaching service that facilitates their entry into the labour market.

Internships at VESTAS, EDP energy, ARUP, TYPESA among other options.



DURATION

1 year



MODALITY

Class attendance



LANGUAGES

Spanish



CAMPUS

Madrid-Princesa

SYLLABUS

Master's Degree in Renewable Energies and Energy Efficiency

1st semester	27 ECTS	2nd semester	33 ECTS
Fundamentals of energy	3	Financing of renewable projects	6
Energy context and regulatory framework	2	Management and direction of renewable projects	6
Wind and mini-wind energy	6	Energy analysis of buildings	4
Solar energy	6	Energy analysis of industries	4
Hydraulic and mini-hydraulic energy	4	Energy audit	7
Biomass and biofuel energy	4	Master's Thesis	6
Other energies	2		
Total ECTS			60

The University reserves the right not to offer degrees that do not reach the minimum number of students for the proper development of teaching.



+70 STUDENTS FROM NACIONALITIES