



POLITÉCNICA

UNIVERSIDAD
POLITÉCNICA
DE MADRID



School of Industrial Engineering ETS Ingenieros Industriales (ETSII)

Universidad Politécnica de Madrid (UPM), Spain

UPM: School of Industrial Engineering



Key figures



- Students **4700** (12% UPM) (1st UPM)
 - Bachelor **2700** (3rd UPM)
 - MSc **1700** (1st UPM)
 - PhD **300** (1st UPM)
 - 37% women**
- Faculty 290 (10% of UPM)
- Administrative Staff 200 (10% of UPM)
- 8 Departments

Students Admission

First Eng. College in the country in number of applications, with the top grades in Madrid Area

**Course 2024-25,
Access grade 13,3 / 14
Applications vs. admissions=3:1**



People: 790 researchers

300 Professors

490 Researchers

Structures

30 Research groups

7 Research Centers

2 Research Institutes

7 Departments

Non public Revenue: 25% UPM





ABET Accreditation

- ***"The quality of the faculty, students, and staff is excellent and the program is recognized as the top rated in Spain and one of the best in Europe. The curriculum is rigorous, demanding, and produces graduates who are known in industry for their superior technical and leadership performance".***

ETSII is open to the world!

Incoming Students
300/year
(18% of UPM)

Outgoing Students
300/year
(18% of UPM)



+30 DD
Programs

+150 Erasmus+
Agreements

Agreements in
+20 countries

Sustainable Development Goals



First School at UPM with SDG in the **management board**

Many actions around them:

- Specialized talks
- One SDG every month
- Recycling and 2nd life for waste

Industry Collaboration



+1,000 Traineeships /year
+250 companies



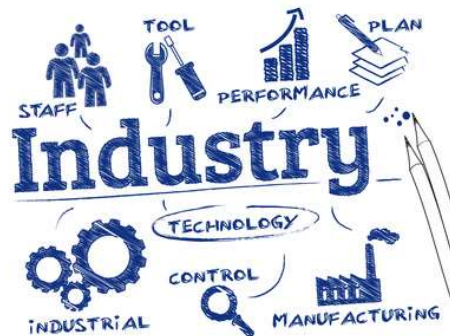
Bachelor's Program (4 years)



Industrial
Engineering
9 specialization
tracks



Chemical
Engineering















Management
Engineering



Energy
Engineering
(shared with
School Of Mines)

Master's Program

16 MSc (1,1.5 & 2 years) Programs

- Industrial Engineering  
- Industrial Electronics 
<http://mei.industriales.upm.es/>
- Digital Manufacturing. EIT Digital 
<https://masterschool.eitdigital.eu/programmes/dm/>
- Erasmus Mundus Branded Programs
 - ME3 EM 
<http://web.imt-atlantique.fr/x-de/me3-site/>
 - IMIM EM 
<https://www.masterimim.com/>
- Safe and Reliable Nuclear Applications 
- Energy Engineering  
- Electrical Engineering 
- Mechanical Engineering  
- Automation and Robotics 
- Nuclear Science and Tech.  
- Economy and Innovation
- Seismic Engineering 
- Chemical Engineering 
- Environmental Engineering 
- Management Engineering  

PhD Programs



Environmental, Chemical and Materials Doctoral Program

The Environmental, Chemical and Materials engineering program is the result of merging three previous doctoral programs of the Escuela Técnica Superior de Ingenieros Industriales of Universidad Politécnica de Madrid. These



Robotics

Doctorado en Automática y Robótica En este programa se forman investigadores en el campo de la Automática. Los doctores de nuestro área se caracterizan por aplicar las técnicas de dicho



Economics and Innovation Management

Doctorado en Economía y Gestión de la Innovación El Programa de Doctorado Interuniversitario en Economía y Gestión de la Innovación (DEGIN) ofrece el desarrollo de la investigación en un área



Sustainable, Nuclear and Renewable Energy

Doctorado en Energía Sostenible, Nuclear y Renovable El Programa de Doctorado tiene como objetivo formar investigadores y docentes capacitados al máximo para dar una respuesta a las necesidades actuales de



Management Engineering

This Ph-D program is the natural extension of those existing in ETS Ingenieros Industriales of Universidad Politécnica de Madrid since the academic year 1972-73. Namely, this program replaces the Ph-D



Electrical and Electronic Engineering

El Programa de Doctorado en Ingeniería Eléctrica y Electrónica es un programa de doctorado interuniversitario en el que participa la Universidad Politécnica de Madrid y la Universidad de Oviedo. Línea



Mechanical Engineering

Doctorado en Ingeniería Mecánica RENOVACIÓN DE ACREDITACIÓN 2021/22 EN PROCESO El programa de Doctorado en Ingeniería Mecánica de la Universidad Politécnica de Madrid (UPM) se encuentra en el proceso de

Research Opportunities

30 Research Groups
7 Research Centers
2 Research Institutes



+190
Proyectos I+D+i



+500
Publicaciones JCR



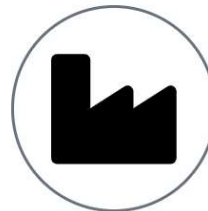
19
Patentes



38
Tesis Doctorales



Health



Digital &
Industry



Energy,
Climate &
Mobility



Natural
Resources



Security &
Safety



POLITÉCNICA

UNIVERSIDAD
POLITÉCNICA
DE MADRID



INDUSTRIALES
ETSII | UPM



Thanks for your attention &
let's explore new paths!