



POLITÉCNICA

# Universidad Politécnica de Madrid

El-Yurt Umidi Foundation – SEPIE/Spanish Universities meeting  
February 8, 2024



UNIVERSIDAD  
POLITÉCNICA  
DE MADRID

POLITÉCNICA

*Oldest and largest  
university of technology  
In Spain*

Reference in the  
Spanish-speaking  
world for  
**TEACHING,  
RESEARCH &  
INNOVATION** in  
architecture,  
engineering and  
sport

Tight links with main INDUSTRY players  
in Spain, Europe and Latin America





POLITÉCNICA

UNIVERSIDAD  
POLITÉCNICA  
DE MADRID

# Our fields

AGROFOOD, FORESTRY, BIOTECH



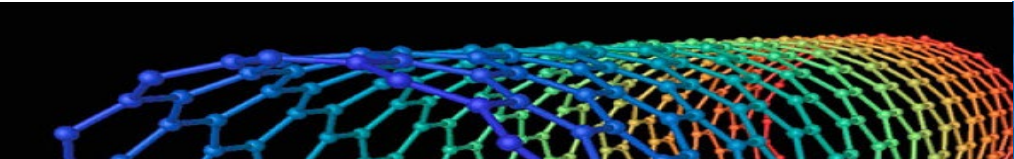
AERONAUTICS & NAVAL



ARCHITECTURE & CIVIL ENGINEERING



INDUSTRIAL, MECHANICAL, ELECTRIC & DESIGN



TELECOMMUNICATIONS, ELECTRONICS & COMPUTER SCIENCE (ICT)



FASHION DESIGN





SPORTS





- 15 schools, one faculty and 1 affiliated college
- ~40,000 students
- 2,900 teaching staff & researchers
- 52 bachelor degrees + 67 master degrees
- 94 double degree agreements with international universities
- 2,500+ agreements with international universities
- 40 internationally accredited degree programs
- 20+ M€ raised annually in startup investment

ACCREDITATION	DOMAIN	SCOPE	NUMBER OF UPM'S ACCREDITED BACHELOR PROGRAMS	NUMBER OF UPM'S ACCREDITED MASTER OF SCIENCE PROGRAMS
 European Accreditation of Engineering Programmes <b>EUR-ACE®</b>	Engineering	Europe	19	---
 Euro-Int European Quality Assurance Network for Informatics Education <b>EQANIE</b>	Computer Science	Europe	2	---
 <b>ABET</b> Accreditation Board for Engineering and Technology	Engineering & Computer Science	US	13	4
 <b>NAAB®</b>	Architecture	US	1	1





POLITÉCNICA

UNIVERSIDAD  
POLITÉCNICA  
DE MADRID

# Facts and figures

## Specialized in engineering and architecture

# 55 QS Engineering & Technology ranking (2023). By subject:

# 6 Civil Engineering (ARWU 2022)

#38 Engineering Civil & Structural (QS 2023)

#26 Architecture/ Built Environment QS 2022)

#35 Engineering – Mineral & Mining (QS 2022)

#43 Instruments Science & Technology (ARWU 2022) #51-75

Agricultural Sciences (ARWU 2022)

#75 Eng. Mechanical, Aeronautical & Manufacturing (QS)

#78 Engineering Electrical & Electronic (QS 2022)

# 94 QS graduate employability ranking (2022)

## Source of high impact knowledge in Spain

# 1 in university patent applications

# 1 in attracting R&D European funds

# 1 in attracting R&D contracts with industry

# 1 in new technology ventures creation





POLITÉCNICA

# Master's degrees at UPM

El-Yurt Umidi Foundation – SEPIE /Spanish Universities meeting  
February 8, 2024



## A: Máster Universitario (“official”)

Professional or research orientation

**Grant access to Ph.D. programmes**

Externally accredited and supervised (by a Quality Agency)

Prerequisite: Bachelor's degree

Fees set by the regional government of Madrid

Duration: 60, 90 or 120 ECTS

*A1: Programmes leading to regulated professions*

- Two-year programs (120 ECTS)
- Accessible only from certain Spanish BSc degrees

*A2: Rest of programmes*

- 60 or 90 ECTS
- Accessible also from foreign Bachelor's degrees
- Some programmes are taught in English

## B: Máster de formación permanente

Only professional orientation (specialization, upskilling, lifelong learning)

DO NOT grant access to Ph.D. programmes

Approved and supervised by the University

Prerequisite: Bachelor's degree

Fees depend on each program

Duration: typically 60 ECTS

Accessible from foreign Bachelor's degrees

Some programmes are taught in English



## A: Másteres Universitarios

<https://www.upm.es/internacional/Students/StudiesDegrees/UniversityMasters>



Application for academic year 2024-2025 already possible. Periods:

1: January 22 to March 7, 2024

2: March 8 to May 9, 2024

3: May 10 to July 4, 2024

*Note: non-EU students are encouraged to apply as early as possible due to potential visa delays*

List of courses and Master degrees taught in English at UPM: <https://short.upm.es/pwevu>





POLITÉCNICA

UNIVERSIDAD  
POLITÉCNICA  
DE MADRID

# Master's degrees at UPM

## B: Másteres de formación permanente

[https://www.upm.es/Estudiantes/Estudios\\_Titulaciones/EstudiosPosgrado/](https://www.upm.es/Estudiantes/Estudios_Titulaciones/EstudiosPosgrado/)

Programmes in English

[ADVANCED STUDIES IN COLLECTIVE HOUSING UPM/ETH](#)

[BUILDING INFORMATION MODELING PROJECT, CONSTRUCTION & FACILITY  
MANAGEMENT](#)

[MBA-INTERNATIONAL](#)

[INTERNATIONAL MASTER IN PROJECT ADMINISTRATION \(IMPA\)](#)

[INTERNATIONAL MASTER IN INDUSTRIAL MANAGEMENT](#)

[EXECUTIVE MASTER IN DIGITAL TWINS FOR INFRASTRUCTURES AND CITIES](#)

[OIL & GAS ENGINEERING](#)

[MSC RAIL MOBILITY TECHNOLOGIES](#)

[NUMERICAL SIMULATION IN ENGINEERING WITH ANSYS](#)

[MARINE RENEWABLE ENERGIES HARNESSING](#)

[MASTER ON AI FOR PUBLIC SERVICES \(AI4GOV\)](#)

[QUANTUM COMPUTING TECHNOLOGY](#)

Admission calendar, fees and prerequisites depend on each program. Please check the website and plan in advance.



POLITÉCNICA

# Thank you for your attention

For any further information, please contact  
[secretaria.vinternacional@upm.es](mailto:secretaria.vinternacional@upm.es)

*Guide for international students:* <https://short.upm.es/1eo85>

*UPM: International Summer School:*

<https://blogs.upm.es/summerschool/en/a-unique-opportunity-for-university-students/>

**El-Yurt Umidi Foundation – SEPIE/ /Spanish Universities meeting**  
February 8, 2024