

The UPM has more than 35,000 students training in a broad spectrum of disciplines, ranging from engineering to sports science, and from architecture to fashion design. Its demanding programmes improve the employment prospects of its students, aided by the institution's close ties with the business world.

The UPM has four university campuses distributed throughout the Madrid region. With fantastic public transport links, UPM campuses are urban spaces designed for teaching and research and offering cultural and sports services to build an exceptional scientific and intellectual environment. At the forefront of knowledge, it has Two Campuses of International Excellence: Montegancedo Campus and Moncloa Campus, which has other member organizations, including the Complutense University of Madrid. The UPM offers master of science programmes providing advanced specialized or multidisciplinary training for professional, research or academic purposes. The master of science programmes taught at the UPM are all officially accredited and have a follow-on PhD programme. Some of these programmes lead to a professional certification. The UPM also offers executive master programmes providing highly specialized training designed to advance the career objectives of practising professionals. Students completing our executive master's programmes are not eligible for admission to a PhD programme.

A pacesetter of engineering and architectural education in Spain, the UPM has highly reputed professors in their fields of specialization. Their teaching experience is enhanced by educational innovation techniques that further the quality of our students' training. Internationalization is one of the mainstays of the UPM's postgraduate programmes, targeting students and professors from other countries and aiming to open up prospects for students to study or take up internships abroad. The course catalogue includes master's programmes accredited by the European Commission Erasmus Mundus or European Institute of Technology (EIT) labels, international double degrees or almost thirty programmes with full or partial tuition in English.

The UPM is the Spanish university with the most internationally accredited engineering and architecture degree programmes. UPM degree programmes hold over 50 international accreditations by **ABET** (Accreditation Board for Engineering and Technology), **NAAB** (National Architecture Accrediting Board), **EUR-ACE** (European NeTwork for Accreditation of Engineering Education) or **EURO-INF** (European Quality Assurance NeTwork for Informatics Education). Awarded by independent European and US agencies, these quality labels improve the prospects of its graduates on the international labour market by certifying that the UPM's training process meets the standards of the best universities in the world.



UNIVERSIDAD
POLITÉCNICA
DE MADRID

Master's degrees taught in English

at one of Europe's best technical universities and the leading technical university in the Spanish-speaking world.

International Rankings

- ◆ **QS World University Ranking for Engineering and Technology:** No. 55 in the world and a leader in the Spanish-speaking world
- ◆ **QS World University Ranking for Employability:** No. 94
- ◆ **World Shanghai Ranking:** No. 6 in the world for civil engineering
- ◆ **Top Spanish university for new tech venture creation** (start-ups/spin-offs).

Study at
UPM,
Engineer
your Future



UNIVERSIDAD
POLITÉCNICA
DE MADRID

Master's degrees taught in English



Find out more about
UPM accredited
master's programmes



ACCREDITED MASTER'S PROGRAMMES (*)

DEGREE PROGRAMME	INTERNATIONAL ACCREDITATION/AFFILIATION	SCHOOL	ECTS / ACADEMIC YEARS	LANGUAGE	FOLLOW - ON PHD PROGRAMME	WEB SITE	CONTACT
BIOMEDICAL ENGINEERING							
MSc in Biomedical Engineering	EIT Label	Telecommunications Engineering	60/One	English	Yes	https://short.upm.es/mad7c	enriquejavier.gomez@upm.es
BIOTECHNOLOGY							
MSc in Computational Biology		Centre for Plant Biotechnology and Genomics	60/One	Spanish & English	Yes	https://short.upm.es/hcwgu	masterbc.etsiaab@upm.es
MSc in Science in Neurotechnology (*) pending verification.		Telecommunications Engineering	60/One	English			
MEDICAL INFORMATICS							
MSc in Health and Medical Data Analytics	EIT Label	Computer Engineering	120/Two	English	Yes	https://short.upm.es/zp2wm	dperezdelrey@fi.upm.es
ICT							
European Master in Software Engineering		Computer Engineering	120/Two	English	Yes	https://short.upm.es/gckb7	master.emse@fi.upm.es
Master's Programme in Digital Innovation: Data Science	EIT Label	Computer Engineering	120/Two	English	Yes	https://short.upm.es/6npm3	datasc.eitdigital@fi.upm.es
Master's Programme in Digital Innovation: Human Computer Interaction and Design	EIT Label	Computer Engineering	120/Two	English	Yes	https://short.upm.es/ko5o9	evillalba@fi.upm.es
MSc in Artificial Intelligence	EURO-INF accredited program	Computer Engineering	60/One	Spanish & English	Yes	https://short.upm.es/trtje	masteria.dia@fi.upm.es
MSc in Data Science		Computer Engineering	60/One	English	Yes	https://short.upm.es/cpujz	master.cd@fi.upm.es
MSc in Formal Methods in Computer Science and Engineering		Computer Engineering	60/One	Spanish & English	Yes	https://short.upm.es/km7gi	manuel.carro@upm.es
MSc in the Internet of Things (IoT)		Telecommunications Engineering and Systems	60/One	English	Yes	https://short.upm.es/cetgz	master.iot@upm.es
MSc in Photovoltaic Solar Energy		Telecommunications Engineering	60/One	Spanish & English	Yes	https://short.upm.es/frywq	ignacio.tobias@upm.es
MSc in Signal Theory and Communications		Telecommunications Engineering	60/One	English	Yes	https://short.upm.es/75znh	info-mstc@ssr.upm.es
MSc in Software and Systems		Computer Engineering	60/One	Spanish & English	Yes	https://short.upm.es/xbetl	master.muss@fi.upm.es
MSc in Telecommunication Engineering	ABET accredited program	Telecommunications Engineering	120/Two	Spanish & English	Yes	https://short.upm.es/ax00c	secretaria.alumnos@etsit.upm.es
MSc in Wireless Communications		Telecommunications Systems Engineering	60/One	English	Yes	https://short.upm.es/f6wm0	master.wireless@upm.es
INDUSTRIAL TECHNOLOGIES							
MSc in Industrial Electronics	EUR-ACE accredited program	Industrial Engineering	60/One	Spanish & English	Yes	https://short.upm.es/5bh3a	secretaria.mei@industriales.upm.es
MSc in Materials Engineering		Civil Engineering	90 /One and a half	Spanish & English	Yes	https://short.upm.es/t82x4	master.materiales.caminos@upm.es
MINING ENGINEERING							
MSc in Sustainable Mining	Affiliated with Advanced Mineral Resources Development Programme	Mining and Energy Engineering	60/One	Spanish & English	Yes	https://short.upm.es/6d2h9	ja.sanchidrian@upm.es

(*) Oncampus

LIFELONG LEARNING MASTER'S PROGRAMMES

DEGREE PROGRAMME	SCHOOL	ECTS / ACADEMIC YEARS	DELIVERY METHOD	LANGUAGE	FOLLOW-ON PHD PROGRAMME	PARTNERS	WEBSITE	CONTACT
ARCHITECTURE								
Master of Architecture in Advanced Studies in Collective Housing	Architecture	60/One	Oncampus	English	No	ETH Zürich	https://short.upm.es/orrem	info@mchmaster.com
ICT								
AI for Public Services	Computer Engineering	60/One	Online	English	No	Politecnico di Milano	https://short.upm.es/s4t7m	info@ai4gov-master.eu
Quantum Computing Technology	Computer Systems Engineering	60/One	Online	English	No	Accenture	https://short.upm.es/1elj7	jesus.glopezdelacalle@upm.es
ENERGY SYSTEMS ENGINEERING								
Marine Renewable Energies Harnessing	Naval Architecture and Marine Engineering	60/One	Blended	Spanish & English	No		https://short.upm.es/sk3o4	master.maerm.navales@upm.es
Oil and Gas Engineering	Mining and Energy Engineering	60/One	Oncampus	Spanish & English	No		https://short.upm.es/oazmo	mip.minasynergia@upm.es
MANAGEMENT								
International master's degree in projects administration (IMPA)	Industrial Engineering	60/One	Blended	English	No	Acciona	https://short.upm.es/o27eb	Master_IMPA@industriales.upm.es
International master in industrial management (IMIM)	Industrial Engineering	120/Two	Oncampus	English	Yes		https://short.upm.es/7ygah	imim@etsii.upm.es
INDUSTRIAL TECHNOLOGIES								
Numerical Simulation in Engineering with Ansys	Industrial Engineering	70/One	Online	English	No	Ansys	https://short.upm.es/x40ad	masterupmansys@upm.es
Rail Mobility Technologies	Industrial Engineering	60/One	Blended	English	No	Siemens	https://short.upm.es/gisw3	javier.gomezf@upm.es
CIVIL ENGINEERING								
Executive Master in Digital Twins for Infrastructures and Cities	Civil Engineering	60/One	Blended	English	No		https://short.upm.es/5lkmq	laura.camacho@upm.es

EELISA
European University



EELISA European University

The Universidad Politécnica de Madrid leads the EELISA alliance. EELISA brings together a higher education community of over 180,000 students, 16,000 academic, and 11,000 administrative and service staff that will benefit from the initiatives developed across this new European network. EELISA also aspires to transform higher education and play a key role in the search for solutions to the social and environmental challenges facing European society today.

The members of the EELISA alliance, coordinated by the UPM, are the technical universities of Bucharest, Budapest, Istanbul and the Friedrich-Alexander-Universität Erlangen-Nürnberg, three French grandes écoles specializing in science and energy linked to the Université Paris Sciences et Lettres (École de Ponts ParisTech, Mines ParisTech, Chimie ParisTech), and the renowned Pisa-based Scuola Normale Superiore and Scuola Superiore di Studi Universitari e di Perfezionamento Sant'Anna.



Find out more about
**UPM accredited
master's programmes**

