Research and innovation

The UPV is one of the best universities to begin a research career, aimed both at public centres and at the departments of innovation of private companies. The UPV ranks first among Spanish universities in terms of patent-generated revenue, and is in the Spanish top five for R&D and innovation contracts with companies. Hence the Polytechnic City of Innovation (CPI) is the heart of the UPV's R&D and innovation. It comprises 140.000 m^2, where 1.600 scientists and 400 supporting people work. There, the most advanced institutes and technological centres are located, such as the premises of the European Space Agency or the laboratory of immersive neurotechnology, among others.

Creating a startup company

The Universitat Politècnica de València offers all its students rooms for the creation of startup companies, located in each of the schools and faculties. The most advanced projects then go on to the Start UPV Entrepreneur Space at the Student Recreation Centre (Casa de l'Alumne), where they receive professional support. And finally, successful companies linked to the UPV are housed in the CPI.

Sports and culture

The UPV is a benchmark in the field of university sport. It has extraordinary sport facilities, where students can take up no less than 70 different sports: game fishing, fencing, climbing, aikido, capoeira, cycling, yoga, rugby, swimming, beach volleyball, athletics, padel, Valencian pilota, etc. It also has a large offer of cultural activities, such as jazz and urban art festivals, concerts, exhibitions, and recitals, plus an outdoor sculpture campus and an Art Collection (Fons d'Art i Patrimoni de la UPV).

University life

The UPV has three sustainable, fully equipped campuses: those of Vera (in the city of València), Alcoi and Gandia. The Vera campus occupies about 700.000 m^2 (which is the equivalent to about 70 soccer fields) and measures almost 2 km from one end to the other. It is a pedestrian area, with more than 125.000 m^2 of green zones. The Alcoi campus combines history, nature and traditional festivals, allowing residents to explore the natural parks of La Font Roja and La Serra de Mariola, which are areas of great landscape and ecological value. And Gandia has 300 days of sun every year, and a campus which is close to the beach.

We train persons,
we train professionals.
Training for employment

Universitat Politècnica de València

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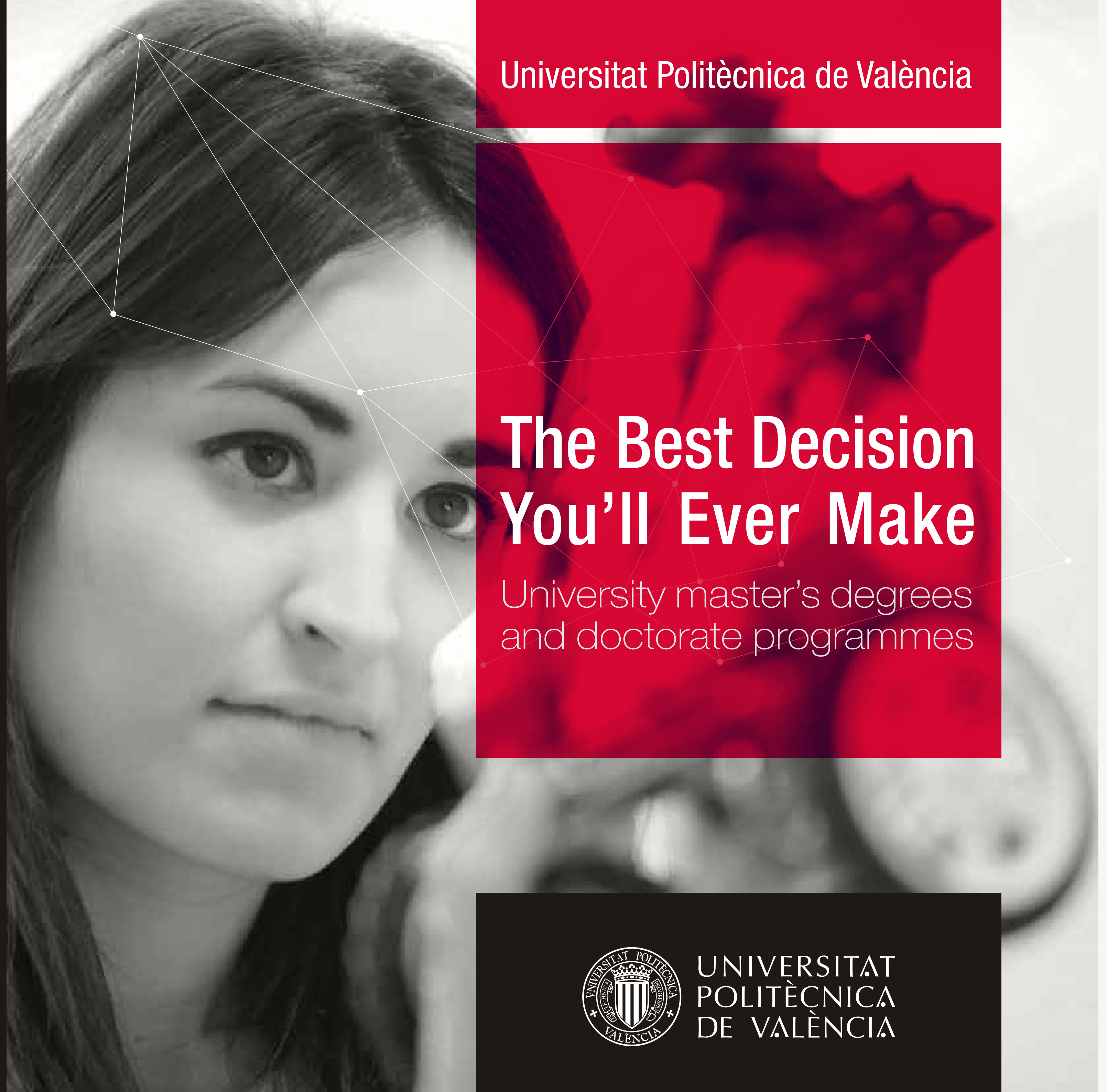
www.upv.es/master **www.upv.es/doctorado**



Universitat Politècnica de València

The Best Decision You'll Ever Make

University master's degrees and doctorate programmes

UNIVERSITAT POLITÈCNICA DE VALÈNCIA

The first technical university in the Shanghai ranking

The Universitat Politècnica de València (UPV) is the first Spanish technical university among the world's best, according to the Academic Ranking of World Universities (ARWU), best known as *the Shanghai ranking*. In the last edition, the UPV ranks among the main universities of the world for 13 years. It also ranks among the top 150 universities under 50 years old, according to the British magazine *Times Higher Education* (THE 150 Under 50).

Prestige and excellence

The UPV is a public institution of great, worldwide prestige. It offers 19 degrees with the EUR-ACE quality seal, and 4 more with the EURO-INF seal. It has also obtained the *Campus de Excelencia Internacional* seal –which is the highest recognition bestowed by the Spanish Ministry of Education– twice. Only five universities in Spain have achieved this seal in two occasions.

A varied offer

Students can choose among more than 80 master's degrees and double master's degrees from the UPV's fields of knowledge: Art and Humanities, Sciences, Health Sciences, Social and Legal Sciences, and Engineering and Architecture. The duration of the master's degrees is between 60 and 120 credits (one or two years). And the price of registering for one credit varies between 23 and 43 euros; these prices are subsidized and regulated by both the Spanish and the Valencian governments. To gain admission to the master's studies, a bachelor's (or equivalent) degree is required. Those interested must pre-register online. Pre-registrations will be assessed and ordered by the Master's Academic Committee.

Internationalization and mobility

Students of the UPV can spend 3 to 12 months in any European country (with an Erasmus scholarship) or anywhere else in the world (with the Promoe programme). Currently, the UPV has 600 Erasmus agreements. As for Promoe, it is a UPV programme that facilitates the exchange of students between the UPV and universities from the USA, China, Canada, South America, Korea, Australia and Japan. Besides, the UPV offers double international degrees: as a result of the agreement between two universities from two different countries, students obtain two different degrees, valid in both countries, at the end of their studies.

Find a quality job

Master's degrees are the second stage in superior education, and open the doors of research and the labour market for students. A high education level usually facilitates finding a better-quality, better-paid job. Increasingly, employers today value not just the candidate's curriculum, but also competences such as being able to solve problems in a new environment, being original in the development of ideas, formulating complex judgments… i.e., skills honed by master's degrees.

UPV master's and double master's degrees

Branch: Arts and Humanities

MD in Artistic Production (60 credits)
MD in Conservation and Restoration of Cultural Heritage (120 credits)
MD in Cultural Management (75 credits) [1]
MD in Languages and Technology (60 credits)
MD in Multimedia and Visual Arts (120 credits)
MD in Music (60 credits)
MD in Scientific Culture and Innovation (60 credits) [1]

Branch: Engineering and Architecture. Agrifood and Forest

MD in Agricultural Engineering (102 credits) [2]
MD in Agricultural Engineering + Agrifood and Environmental Economy (Double Degree) (134 credits)
MD in Agricultural Engineering + Animal Husbandry (Double Degree) (137 credits)
MD in Agricultural Engineering + Food Science and Engineering (Double Degree) (134 credits)
MD in Agricultural Engineering + Health and Vegetable Production (Double Degree) (133 credits)
MD in Agricultural Engineering + Management and Food Safety (Double Degree) (143,5 credits)
MD in Animal Husbandry (60 credits)
MD in Forest Engineering (90 credits) [2]

Branch: Engineering and Architecture. Construction

MD in Advanced Architecture, Landscape, Urban Planning and Design (72 credits)
MD in Architecture (60 credits) [2]
MD in Building Constructions (72 credits)
MD in Civil Engineering (120 credits) [2]
MD in Civil Engineering + Concrete Engineering (Double Degree) (165 credits)
MD in Civil Engineering + Planning and Management in Civil Engineering (Double Degree) (165 credits)
MD in Concrete Engineering (90 credits) [3]
MD in Environmental Engineering (90 credits) [1]
MD in Hydraulic Engineering and Environment (75 credits) [3]
MD in Industrial Constructions and Installations (90 credits) [3]
MD in Landscape Architecture (120 credits)
MD in Landscape and Bio-Environmental Engineering (120 credits)
MD in Planning and Management for Civil Engineering (75 credits)
MD in Preservation of Architectural Heritage (72 credits)
MD in Transportation, Land and Urban Development (90 credits)

Branch: Eng. and Architecture. Industrial and Aeronautical

MD in Acoustic Engineering (60 credits)
MD in Aeronautical Engineering (120 credits) [2]
MD in Automation and Industrial Computing (60 credits)
MD in Chemical Engineering (120 credits) [2]
MD in Design Engineering (75 credits)
MD in Energy Technologies for Sustainable Development (90 credits)
MD in Industrial Engineering (120 credits) [2]
MD in Integrated Computer-Aided Design and Manufacturing (60 credits)
MD in Maintenance Engineering (72 credits)
MD in Materials Engineering, Science Processing, and Characterisation (90 credits)
MD in Mechanical Engineering (75 credits)
MD in Mechatronics Engineering (90 credits)
MD in Reciprocating Internal Combustion Engines (72 credits) [3]
MD in Sensors for Industrial Applications (75 credits)
MD in Textile Engineering (60 credits)

Branch: Engineering and Architecture. Information and Communications Technologies

MD in Artificial Intelligence, Pattern Recognition and Digital Imaging (60 credits) [3]
MD in Computer and Network Engineering (60 credits)
MD in Electronic Systems Engineering (72 credits)
MD in Geomatics Engineering and Geoinformation (90 credits)
MD in Informatics Engineering (120 credits) [2]
MD in Information Management (90 credits)
MD in Parallel and Distributed Computing (60 credits) [3]
MD in Software Engineering, Formal Methods and Information Systems (60 credits) [3]
MD in Telecommunications Engineering (120 credits) [2]
MD in Telecommunications Engineering + Electronic Systems Engineering (Double Degree) (150 credits)
MD in Telecommunications Engineering + Telecommunication Technologies, Systems and Networks (Double Degree) (150 credits)
MD in Telecommunication Technologies, Systems and Networks (60 credits)

Branch: Engineering and Architecture. Management

MD in Advanced Engineering in Production, Logistics and Supply Chain Management (60 credits)
MD in Data Analysis, Process Improvement and Decision Support Engineering (60 credits)
MD in Industrial and Environmental Safety (60 credits)
MD in Organisational and Logistics Engineering (90 credits)
MD in Project Management (72 credits)

Branch: Engineering and Architecture. Science and Technology for Health

MD in Biomedical Engineering (60 credits) [1]

Branch: Health Sciences

MD in Biomedical Biotechnology (90 credits)
MD in Occupational Risk Prevention (90 credits)

Branch: Sciences

European MD in Plant Genetics and Breeding (120 credits)
European MD in Plant Health in Sustainable Cropping Systems (120 credits)
MD in Animal Genetics and Breeding, and Reproductive Biotechnology (120 credits) [1]
MD in Aquaculture (60 credits) [1]
MD in Assessment and Environmental Monitoring of Marine and Coastal Ecosystems (60 credits)
MD in Enology (90 credits)
MD in Food Science and Engineering (60 credits)
MD in Green Chemistry (60 credits) [1]
MD in Health and Vegetable Production (60 credits)
MD in Management and Food Safety (60 credits)
MD in Mathematical Research (60 credits) [1]
MD in Plant Genetics and Breeding (120 credits) [1]
MD in Plant Molecular and Cellular Biotechnology (90 credits)

(1) Inter-university master's degrees
(2) Qualifying master's degrees
(3) Internationally accredited master's degrees

Qualifying master's degrees

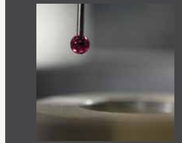
Qualifying master's degrees are postgraduate degrees that allow students to work in regulated professions, in the fields of engineering and architecture. Qualifying master's degrees have been designed on the basis of a specific reference bachelor's degree, and together with it (i.e., bachelor's degree + master's degree), they constitute an integrated study programme.

Regulated profession	Integrated study programme		
	Reference bachelor's degree		Master's degree
Architect	Bachelor Degree in the Fundamentals of Architecture	+	MD in Architecture
Aeronautical engineer	Bachelor Degree in Aerospace Engineering	+	MD in Aeronautical
Agricultural engineer	Bachelor Degree in Rural and Agrifood Engineering	+	MD in Agricultural Engineering
Civil engineer	Bachelor Degree in Civil Engineering	+	MD in Civil Engineering
Industrial engineer	Bachelor Degree in Industrial Technologies Engineering	+	MD in Industrial Engineering
Informatic engineer (1)	Bachelor Degree in Computer Engineering	+	MD in Computer Engineering
Forestry engineer	Bachelor Degree in Forest and Environmental Engineering	+	MD in Forest Engineering
Chemical engineer (1)	Bachelor Degree in Chemical Engineering	+	MD in Chemical Engineering
Telecommunications engineer	Bachelor Degree in Telecommunications Technology Engineering	+	MD in Telecommunications Engineering

(1) Informatics engineering and chemical engineering are not regulated professions, but they can be equated to these in the sense that having completed an integrated study programme (i.e., bachelor's degree + master's degree) is required in order to practise them.

Access to qualifying master's degrees

In these cases, the Master's Academic Commission takes into account:
- The average grade of the student's academic record from 0 to 10, normalized, weighted between 40 and 60%.
- The correspondence of the access degree to the reference degree, on a scale from 0 to 10, weighted between 40 and 60%.
- The student's curriculum vitae, on a scale from 0 to 10, weighted between 0 and 10%.



Doctorate programmes

PhD in Agricultural Resources and Technologies
PhD in Agrifood Economics
PhD in Animal Production Science and Technology
PhD in Architecture, Building, Urban Planning and Landscape
PhD in Art: Production and Research
PhD in Automation, Robotics and Industrial Computer Science
PhD in Biotechnology
PhD in Building Engineering
PhD in Business Management and Administration
PhD in Chemistry
PhD in Communication and Cultural Industries
PhD in Computer Science
PhD in Design, Manufacture and Management of Industrial Projects
PhD in Electronic Engineering
PhD in Experimental Techniques in Chemistry
PhD in Food Science, Technology and Management
PhD in Geomatics Engineering
PhD in Industrial Engineering and Production
PhD in Languages, Literature and Culture, and their Applications
PhD in Local Development and International Cooperation
PhD in Mathematics
PhD in Preservation and Restoration of Cultural Heritage
PhD in Statistics and Optimization
PhD in Sustainable Chemistry
PhD in Technologies for Health and Well-Being
PhD in Telecommunications
PhD in Textile Engineering
PhD in Transportation Infrastructures and Territory
PhD in Transport Propulsion Systems
PhD in Water and Environmental Engineering