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UPV



# The first Spanish Technological University in the Shanghai Rankings

The Universitat Politècnica de València (UPV) is the first Spanish Technological University to be ranked among the best in the world, according to the Academic Ranking of World Universities (ARWU), known as the Shanghai Ranking. With the latest edition, UPV has been among the world's leading universities for 16 consecutive years. Other rankings (QS, THE...) consider the institution as a leader in employability and agreements with companies, as well as in innovation and social and economic impact.



#### Recognition and excellence

The UPV is a prestigious, internationally recognised public institution. It offers 28 degrees with the EUR-ACE seal of excellence and three more with the EURO-INF seal. Moreover, it has twice been awarded the Campus of International Excellence seal. Only five universities in Spain have obtained the highest recognition awarded by the Ministry of Education on two occasions.

#### A varied offer

The UPV's academic offer is wide-ranging: almost 100 master's degrees and double University master's degrees in the fields of Arts and Humanities, Sciences, Health Sciences, Social and Legal Sciences, Engineering and Architecture can be taken. The duration of the master's degree is between 60 and 120 credits (one or two years), while double master's degrees can reach 160 credits. The cost per enrolled credit ranges from 17 to 36 euros; these prices are subsidised and regulated by the state and regional authorities. To access the University master's degree is necessary to have previously obtained a bachelor's degree (or equivalent). Those interested must pre-enrol online, which will be evaluated by the corresponding Academic Committee.

#### Internationalisation and mobility

The students of the Universitat Politècnica de València can spend between 3 and 12 months in a European country (Erasmus scholarships) or the rest of the world (PROMOE scholarships). At present, the UPV has more than 1,100 agreements with other universities. For its part, the UPV's PROMOE Programme allows exchanges with institutions in the United States, China, Canada, Latin America, Korea, Australia, and Japan. In addition, UPV offers international double degrees: thanks to the agreement with another university, two different degrees are awarded at the end of the studies, valid in both countries.





#### **Quality employment**

The University Master's degrees are the second step in higher education and open the door to research or the labour market. When the level of education is more elevated, employment tends to be of higher quality and better paid. Increasingly, it is not only valued the CV of the job candidate, but also skills such as problem-solving in new environments, originality in the development of ideas, making complex judgements, and so on, i.e., skills provided by the master's degrees.

#### Research and innovation

The UPV is one of the best universities to start a research career for public centres and companies' innovation departments. The UPV is the leading Spanish University in patent income and one of the top five in R+D+i contracts with companies. Therefore the Polytechnic City of Innovation (CPI) is the heart of UPV's R+D+i.140,000 m² where practically everything happens. More than 3,000 people work there, dedicated to research, entrepreneurship and management in the most advanced institutes and technology centres, such as the facilities of the European Space Agency or the immersive neurotechnologies laboratory, among others.

#### **Entrepreneurship support**

The University offers a free advisory service to all entrepreneurial projects and companies that arise in the UPV community. In addition, in each school, students have classrooms at their disposal to develop their business plans. The most advanced initiatives and start-ups are housed in StartUPV, UPV's entrepreneurial ecosystem with its facilities.

#### **Sports and Culture**

The UPV is a benchmark in the field of university sports. It has extraordinary facilities where you can freely practice more than 60 different sports disciplines: fencing, climbing, aikido, capoeira, cycling, yoga, rugby, swimming, beach volleyball, athletics, paddle tennis, Valencian pelota, and so on. It also offers a wide range of cultural activities such as jazz and urban art festivals, concerts, exhibitions, recitals, its open-air sculpture campus and the Artistic Heritage Fund.







## Master's and Double Master's Degrees

#### Branch: Arts and Humanities

- · MD in Artistic Production
- · MD in Conservation and Restoration of Cultural Heritage
- · MD in Cultural Management
- · MD in Digital Humanities
- · MD in Languages and Technology
- · MD in Multimedia and Visual Arts
- · MD in Science, Technology and Innovation Studies

#### ▲ Branch: Science

- · MD in Animal Genetics and Breeding and Reproductive Biotechnology
- · MD in Aquaculture
- · MD in Assessment and Environmental Monitoring of Marine and Coastal Ecosystems
- · MD in Enology
- · MD in Food Science and Engineering
- · MD in Green Chemistry
- $\cdot$  MD in Health and Vegetable Production
- · MD in Management and Food Safety
- · MD in Mathematical Research
- · MD in Plant Genetics and Breeding
- · MD in Plant Molecular and Cellular Biotechnology
- · Erasmus Mundus MD in Plant Breeding emPLANT+
- · Erasmus Mundus MD in Plant Health in Sustainable Cropping Systems

#### Branch: Health Sciences

- · MD in Biomedical Biotechnology
- · MD in Occupational Risk Prevention

#### Branch: Social and Legal Sciences

- · MD in Administrative Management
- · MD in Agrifood and Environmental Economy
- · MD in Business Administration (MBA)

- · MD in Business, Product and Service Management
- · MD in Cooperation to the Development
- · MD in Digital Post-production
- · MD in Financial and Fiscal Management
- · MD in Tourism Intelligence
- · MD in Social Media and Corporate Communication
- · MD in Transmedia Communication

#### Branch: Engineering and Architecture. Agrifood and Forest

- MD in Agricultural Engineering <sup>12</sup>
- · MD in Biosystems and Landscape Engineering
- · MD in Forest Engineering <sup>1</sup>
- $\cdot$  MD in Forest Fires, Science and Integral Management
- MD in Precision Livestock Farming
- Double MD in Agricultural Engineering<sup>12</sup> + Agrifood and Environmental Economy
- Double MD in Agricultural Engineering 12 + Enology
- · Double MD in Agricultural Engineering <sup>12</sup> + Food Science and Engineering
- Double MD in Agricultural Engineering 12 + Health and Vegetable Production
- · Double MD in Agricultural Engineering <sup>12</sup> + Management and Food Safety
- $\cdot$  Double MD in Agricultural Engineering  $^{12}$  + Plant Molecular and Cellular Biotechnology
- $\cdot$  Double MD in Agricultural Engineering  $^{12}$  + Precision Livestock Farming
- Double MD in Agricultural Engineering <sup>12</sup> + Biosystems and Landscape Engineering
- · Double MD in Forest Engineering 1 + Biosystems and Landscape Engineering

## □ Branch: Engineering and Architecture. Architecture, Civil and Building Engineering

- · MD in Architecture
- · MD in Building Construction
- MD in Civil Engineering 12
- · MD in Concrete Engineering 2

- · MD in Environmental Engineering
- · MD in Hydraulic Engineering and the Environment<sup>2</sup>
- MD in Industrial Construction and Installations<sup>2</sup>
- · MD in Landscape Architecture
- · MD in Planning and Management in Civil Engineering
- · MD in Preservation of Architectural Heritage
- · MD in Structural and Geotechnical Engineering
- · MD in Transportation, Land and Urban Development
- · Double MD in Civil Engineering 12 + Concrete Engineering
- Double MD in Civil Engineering <sup>12</sup> + Hydraulic Engineering and Environment
- Double MD in Civil Engineering 12 + Planning and Management in Civil Engineering
- $\cdot$  Double MD in Civil Engineering  $^{12}$  + Transportation, Land and Urban Planning

## **Branch: Engineering and Architecture. Science and Technology for Health**

· MD in Biomedical Engineering

#### Branch: Engineering and Architecture. Management

- MD in Advanced Engineering in Production, Logistics and Supply Chain Management
- MD in Data Analysis, Process Improvement and Decision Support Engineering
- · MD in Organisational and Logistics Engineering
- · MD in Project Management

#### Branch: Engineering and Architecture. Industrial and Aeronautical Engineering

- $\cdot$  MD in Acoustic Engineering
- · MD in Aeronautical Engineering 12
- $\cdot$  MD in Automation and Industrial Computing
- MD in Chemical Engineering 12
- · MD in Computational Fluid Dynamics
- · MD in Computer-Aided Integrated Manufacturing and Design

- · MD in Design Engineering
- · MD in Electric Mobility Engineering
- · MD in Energy Technologies for Sustainable Development
- MD in Industrial Engineering 12
- · MD in Industrial Safety
- · MD in Maintenance Engineering 2
- · MD in Materials Engineering, Science Processing, and Characterisation
- · MD in Mechanical Engineering
- · MD in Mechatronics Engineering
- · MD in Nuclear Safety and Radiological Protection
- · MD in Propulsive Systems for Sustainable Mobility<sup>2</sup>
- · MD in Textile Engineering
- · Erasmus Mundus MD in Waves, Acoustics, Vibrations, Engineering and Sound
- · Erasmus Mundus MD of Science in Textile Engineering
- Double MD in Industrial Engineering + Nuclear Safety and Radiological Protection

#### □ Branch: Engineering and Architecture. Information and Communications Technologies

- · MD in Artificial Intelligence, Pattern Recognition and Digital Imaging
- · MD in Cloud and High-Performance Computing
- · MD in Computer and Network Engineering
- $\cdot$  MD in Cybersecurity and Cyberintelligence
- · MD in Electronic Systems Engineering
- MD in Geomatics Engineering and Geoinformation
   MD in Informatics Engineering <sup>12</sup>
- MD in Software Systems Engineering and Technology <sup>2</sup>
- · MD in Telecommunication Engineering 12
- · MD in Telecommunications Technologies, Systems and Networks
- Double MD in Telecommunication Engineering <sup>12</sup> + Electronic Systems Engineering
- Double MD in Telecommunication Engineering <sup>12</sup> + Telecommunications Technologies, Systems and Networks

1. Qualifying university master's degree. These postgraduate degrees qualify for the exercise of regulated professions in Spain and require a specific university degree.

2. Internationally accredited master's degree.

## PhD programme

#### Agrifood y Biotechnolog

PhD in Biotechnology

PhD in Food Science, Technology and Management

PhD in Animal Production Science and Technology

PhD in Agricultural Resources and Technologies

#### **Architecture**

PhD in Architecture, Heritage and City

#### Arts

PhD in Art: Production and Research

PhD in Cultural Heritage Preservation and Restoration

PhD in Communication and Cultural Industries

#### Science

PhD in Statistics and Optimisation 1

PhD in Marine and Coastal Science and Technology

PhD in Mathematics 1

PhD in Chemistry<sup>1</sup>

PhD in Sustainable Chemistry 1

PhD in Experimental Techniques in Chemistry 1

#### **Economics and Social Science**

PhD in Business Management and Administration

PhD in Local Development and International Cooperation <sup>1</sup>

PhD in Agrifood Economics

PhD in Languages, Literature and Culture, and their Applications <sup>1</sup>

#### **Civil Engineering**

PhD in Transportation Infrastructures and Territory
PhD in Building Engineering
PhD in Water and Environmental Engineering

#### **Industrial Engineering**

PhD in Automation, Robotics and Industrial Computer Science

PhD in Design, Manufacture and Management of Industrial Projects

PhD in Electronic Engineering

PhD in Textile Engineering

PhD in Industrial Engineering and Production

PhD in Transport Propulsion Systems

PhD in Technologies for Health and Well-Being

#### IT

PhD in Computer Science

PhD in Telecommunications

PhD in Geomatics Engineering (1)

Inter-university PhD programmes.



## Study at UPV

### Enviable spaces...

The UPV has three sustainable and fully equipped campuses: Vera, Alcoy and Gandia. The Vera campus, at the northeast of the city of Valencia, measures almost 2 km from one end to the other. It is pedestrianised and has more than 125,000 m2 of green areas and a range of services and restaurants, making it a small city.

The Alcoy campus is in the heart of the city and is made up of emblematic historical buildings. It has a sports pavilion, open-air tracks, teaching laboratories and green areas. The Gandia campus is in a privileged setting, right on the beach, and has buildings that have won awards for their design and spaces that facilitate coexistence and academic, cultural, and sporting activity.

The three offer students various resources and services: libraries, laboratories, the Student House, our wireless network and eduroam, licensed software repositories, open access computer classrooms, class recording, cloud storage, scholarships and grants and much more.

#### ...in fantastic cities

Valencia is one of the best cities in the world to study for a postgraduate degree, according to the QS Best Student Cities Ranking. The Valencian capital is an affordable and desirable city for university students. It stands out for its historic buildings, monuments, restaurants, and beaches, as well as its climate, flat terrain and public transport.

Alcoy combines natural parks of great value, tradition, and festivities in a historical city due to its importance in the region's industrialisation. Gandia, a tourist city par excellence, has 300 days of sunshine a year and a broad cultural and gastronomic offer. Both cities offer a friendly and comfortable environment for students.







