



### Some Universities we have Co-operation Agreements with

- ❖ University of Melbourne, University of New South Wales, University of Sydney (Australia)
- ❖ Universidade de São Paulo (Brazil)
- ❖ École de Technologie Supérieure de Montréal, University of British Columbia (Canada)
- ❖ Dalian University of Technology, Harbin Institute of Technology, Shanghai Jiao Tong University, ShanghaiTech University, Southeast University, Tongji University (China)
- ❖ Aalborg University, DTU - Technical University of Denmark (Denmark)
- ❖ University of the South Pacific (Fiji)
- ❖ École Centrale de Lille, École Centrale Lyon, École Centrale de Marseille, École Centrale Nantes, École Centrale Paris, Université Pierre et Marie Curie - Paris 6 (France)
- ❖ Karlsruhe Institute of Technology, RWTH Aachen, TU Dresden, TU München (Germany)
- ❖ University of Tokyo, Waseda University (Japan)
- ❖ Universiti Putra Malaysia (Malaysia)
- ❖ COMIMSA - Corporación Mexicana de Investigación en Materiales (Mexico)
- ❖ NTNU - Norwegian Univ. of Science and Technology (Norway)
- ❖ Instituto Superior Técnico Lisboa (Portugal)
- ❖ Lomonosov Moscow State Univ., Magnitogorsk State Technical Univ., Novosibirsk State Technical Univ. (Russian Federation)
- ❖ Sungkyunkwan University (South Korea)
- ❖ Universitat Politècnica de Catalunya, Universidad Politécnica de Madrid, Universitat Politècnica de València (Spain)
- ❖ Chalmers University of Technology, KTH - Royal Institute of Technology (Sweden)
- ❖ École Polytechnique Fédérale de Lausanne, ETH Zürich (Switzerland)
- ❖ Imperial College London, University College London, University of Southampton (U.K.)
- ❖ Boston University, Duke University, Pennsylvania State University, Texas Tech University, University of Michigan (U.S.A.)

“For the great desire I had  
to see fair Padua, nursery of arts,  
I am arrived [...]  
and am to Padua come, as he that leaves  
a shallow splash to plunge in the deep  
and with satiety seeks to quench his thirst”

(William Shakespeare, “The Taming of the Shrew”)

*“It’s like I am looking at the world through a large magnifying glass and personal and professional opportunities now become possible, making this an unique and unforgettable experience.”*

**André from Brazil**

*“I started my PhD in January 2012, and I’m really enjoying my research topic because I can share it with an interesting group of colleagues. The academic freedom, stimulating ideas and advanced facilities that I found at the University of Padua are the most powerful tools that enable me to fulfill my dreams. There is much ambition, passion and love in our research group, so I am very optimistic and pleased for the professional improvement that I can achieve during my studies here.”*

**Jingzheng from China**

*“Doing graduate studies at the University of Padua has been one of the most gratifying experiences of my life. I’ve developed skills and have gained in knowledge, and have worked with inspiring people. As a foreign student, I have been able to expand my vision not only from the technical point of view but also from the cultural. I really feel that I am part of the community.”*

**Elia Armandina from Mexico**

**Join us, study  
Engineering at Padova!**

**School of Engineering  
University of Padua**  
Lungargine del Piovego, 1  
35131 Padova (ITALY)

Email: [ingegneria@unipd.it](mailto:ingegneria@unipd.it)

[www.ingegneria.unipd.it](http://www.ingegneria.unipd.it)  
[www.unipd.it](http://www.unipd.it)



**Engineer your Future  
with us...**



**School of Engineering  
University of Padua (Italy)**





## Padova

Padova, located **just 40 km Southwest of Venice** in the Venetian plain, between the Adriatic sea and the Alps, is a prominent business centre in which a youthful spirit of enterprise and ancient historical traditions live side by side. The town has kept its medieval atmosphere and is characterized by picturesque cobbled streets with arcades, towers, churches, mansions and lively market squares.

### The University of Padova - Eight Centuries of History

The University of Padova, one of the oldest in the world, dates back to 1222, and, thanks to the total freedom of thought in study and teaching it has consistently granted its students and faculty, it has always been a workshop of new ideas and the home of personalities who changed the cultural and scientific history of humanity. These include: **Erasmus of Rotterdam**, **Nicolaus Copernicus**, the father of modern astronomy, **Andreas Vesalius**, the founder of modern human anatomy, **Galileo Galilei**, the father of modern science, who taught in Padova from 1592 to 1610, and **Elena Lucrezia Cornaro Piscopia**, the first woman in the world to obtain a degree (she graduated here in 1678). Today Padova is a multidisciplinary University with **2,100 faculty members** and **61,000 students**, as well as being the scientific and cultural heart of the North-East of Italy, one of Europe's largest economic and industrial areas, home to over 7 million people and 580,000 enterprises. The University participates in various **EU-funded projects**, as well as in the "**Ciência sem Fronteiras**" programme of the Brazilian Government and the **China Scholarship Council** study abroad programme.



## Engineering at Padova

Founded in 1876, the School of Engineering of the University of Padova is one of Italy's largest, with over **12,000 registered students**, as well as being a leading institution in terms of teaching and research quality. It is member of the **T.I.M.E. network**, gathering 53 of the world's leading Technical Universities and Engineering Schools, and offers over 40 **B.Sc., M.Sc. and Ph.D. Degree Programmes**, in the areas of **Architectural, Civil, Environmental, Industrial and Information Engineering**. Active learning principles are experienced in many course units. Students are organized in teams and participate in University design competitions at the international level, such as **Formula SAE** (racing cars), **Motostudent** (racing motorcycles), **1001VelaCup** (sailing boats), as well as in the **VV-Visualizing Venice** project (to generate digital models and maps of Venice, its territories, and its lagoon). We also take part in the **RoboCup**, an international robotics competition which aims to create, by 2050, a team of fully automated humanoid robot soccer players hoping to win a soccer game against the winner of the most recent World Cup, complying with official FIFA rules. Our Engineering and Management students' "**Start Cup Giovani**" won the 2012 JADE Excellence Award as "Most Creative and Innovative Project" at the EU Parliament.



### Why study Engineering at the University of Padova?

Studying in Padova provides **the appropriate skills for beginning a professional career**: a Degree obtained here is highly recognized and appreciated in the labour market and represents the attainment of an ambitious goal. According to a recent national survey on graduates' employment, our engineers can find **a job within 3 months** after completing their studies.

## Our Programmes

- ❖ **B.Sc.:** Aerospace Eng.; Biomedical Eng.; Chemical and Materials Eng.; Civil Eng.; Computer Eng.; Electronic Eng.; Energy Eng.; Engineering and Management; Environmental and Land Planning Eng.; Information Eng.; Mechanic and Mechatronic Eng.; Mechanical Eng.
- ❖ **M.Sc.:** Aerospace Eng.; Automation Eng.; Bioengineering; Building Eng. and Architecture; Chemical and Process Eng.; Civil Eng.; Civil and Industrial Safety Eng.; Computer Eng.; Electrical Energy Eng.; Electronic Eng.; Energy Eng.; Engineering and Management; Environmental Eng. (*entirely taught in English*); Materials Eng.; Mathematical Eng. (*entirely taught in English*); Mechanical Eng.; Mechatronic Eng.; Product Innovation Eng.; Telecommunications Eng. (*to become entirely taught in English*). **A total of 130 course units are given in English in our M.Sc. programmes.**
- ❖ **Ph.D.:** Bioengineering; Chemical and Environmental Eng.; Civil and Environmental Eng. Sciences; Electrical Energy Eng.; Fusion Science and Eng.; Information Eng.; Management Eng. and Real Estate Economics; Materials Eng.; Mechanical Eng.; Mechanical Measures for Eng. and Space; Mechatronics and Mechanical Innovation of Products; Space Sciences, Technologies and Measures; Thermomechanical Energy Eng. (*all of them in English*)
- ❖ **International Summer and Winter Schools (in English)**

See more details at: [www.ingegneria.unipd.it/en/](http://www.ingegneria.unipd.it/en/)

