

INSPIRING GLOBAL CHANGE SINCE 1222

SCHOOL OF ENGINEERING

INFORMATION ENGINEERING

The Bachelor's degree, distinguished by a methodological and multidisciplinary training approach, provides in-depth training in both the physical/mathematical fundamentals and in the disciplines characterising information engineering: control systems, electronics, telecommunications, computer science and bioengineering.

At first, the programme offers fundamental and cross-cutting theoretical course units. As students progress, specialising course units, including high-tech equipped laboratories, can be chosen within a large list, to create personal, focalised or broad-spectrum training.



UNIVERSITÀ
DEGLI STUDI
DI PADOVA

INFORMATION ENGINEERING

LEVEL Bachelor

SCHOOL Engineering

DEPARTMENT Information Engineering

DURATION 3 years (180 ECTS)

START DATE October

LOCATION Padua, Italy

AVAILABLE PLACES Non-European candidates residing outside Italy: 75 (7 Marco Polo Project)

PROGRAMME COORDINATOR
Marco Santagiustina

WEB

www.unipd.it/en/information-engineering

APPLY.UNIPD.IT



ENTRY REQUIREMENTS

- Secondary school diploma
- English TOLC-I
- English language: B2 level (CEFR) or equivalent

PROGRAMME STRUCTURE

1st Year: Calculus 1, Foundations of Computer Science, Linear Algebra, Physics 1, Digital Systems.

2nd Year: Data Structures and Algorithms, Physics 2, Calculus 2, Electric Circuits, Introduction to Machine Learning, Probability Theory, Signals and Systems.

3rd Year: Control systems, Electronics, Telecommunications.

Elective units:

List 1 - Algorithms for engineering, Information Transmission Media (at least 1);

List 2 - Systems and Models, Internet, Microcontrollers and DSP (at least 2);

List 3 (laboratories) - Computer Engineering, Internet and Multimedia, Signals and Measurement, Bioengineering, Control systems, Microelectronics, Optics and Photonics (at least 2).

TUITION FEES AND SCHOLARSHIPS

Annual fees: up to € 2,700 (3 instalments)

Scholarships and fee-waivers for international students available: www.unipd.it/en/funding-and-fees

CAREER OPPORTUNITIES

The Bachelor's degree grants access to Master's degrees, in Italy or abroad, or to professional employment, in enterprises or in the public sector, in all areas of ICT.