

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 characterizing 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, specializing course units, including high-tech equipped laboratories, can be chosen within a large list, to create personal, focalized or broad-spectrum training.

1222 · 2022
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ANNI



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: 50 (3 Marco Polo Project) Others: 290

PROGRAMME COORDINATOR

Marco Santagiustina

WEB

www.unipd.it/en/information-engineering

GLOBAL ENGAGEMENT OFFICE

international.admission@unipd.it

APPLICATION

1st Call:

7 January - 7 March

Application-fee:

€ 30 (non-refundable)

APPLY.UNIPD.IT



ENTRY REQUIREMENTS

- Secondary school diploma
- English TOLC-I (minimum score: 18/50)
- English language: B1 level (CEFR) or equivalent

PROGRAMME STRUCTURE

1st Year: English B2 level (if not already possessed), Calculus 1, Introduction to computer science, Linear algebra and geometry, General physics 1, Digital systems

2nd Year: Data structures and algorithms, General physics 2, Calculus 2, Circuit theory, Introduction to machine learning, Probability theory, Signals and systems.

3rd Year: compulsory course units: Control theory, Electronics, Telecommunications. Course units to be chosen by the student: List 1 - Algorithms for engineering, Information transmission media (at least 1); List 2 - Biomedical technology and instrumentation, Systems and models, Finite state systems, Computer networks, Internet and security, Digital signal processing, Microcontrollers and DSP, Integrated circuits (at least 2); List 3, laboratories: Computer engineering, Internet and multimedia, Signals and measurement, Bioengineering, Control engineering, Microelectronics, Optics and photonics (at least 2).

TUITION FEES AND SCHOLARSHIPS

Annual fees: up to € 2,600 (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.

