INSPIRING GLOBAL CHANGE SINCE 1222

SCHOOL OF ENGINEERING

ICT FOR INTERNET AND MULTIMEDIA

The Master's degree captures the evolution of the information engineering profession and represents a modern teaching approach that combines solid fundamental knowledge and advanced technological skills. Focusing on devices, networks, transmission channels (wireless, optical channels and photonics), signals, as well as cross-disciplinary issues (big data, machine learning and artificial intelligence, mathematical optimization), the programme offers strong theoretical courses, plenty of laboratory classes and applied research-oriented teaching towards advanced technologies for future society.

UNIVERSITÀ DI PADOVA

ICT FOR INTERNET AND MULTIMEDIA

LEVEL Master

SCHOOL Engineering

DEPARTMENT Information Engineering

DURATION 2 years (120 ECTS)

START DATE October

LOCATION Padua, Italy

PROGRAMME COORDINATOR
Stefano Tomasin

WEB
www.unipd.it/en/ict-internet-multimedia

APPLY.UNIPD.IT

TOP 200 2025
Computer Science and Information Systems
QS WORLD UNIVERSITY RANKINGS
BY SUBJECT

ENTRY REQUIREMENTS

- Bachelor's degree (or equivalent) in Engineering or related fields (e.g. Mathematics), with proven skills in Information Engineering and Mathematics
- English language: B2 level (CEFR) or equivalent

PROGRAMME STRUCTURE

Path 1 - Telecommunications
Path 2 - Cyber systems
Path 3 - Multimedia
Path 4 - Artificial Intelligence
Path 5 - Research and Innovation

TUITION FEES AND SCHOLARSHIPS

Annual fees: up to € 2,900 (3 instalments)
Scholarships and fee-waivers for international students available: www.unipd.it/en/funding-and-fees

CAREER OPPORTUNITIES

Graduates work as experts in the analysis, design, planning and management of complex ICT systems and their applications; network and telecommunication system operators; manufacturers in the ICT sector and defence; management and development of ICT applications and services; system integrators and ICT consulting firms; regulatory bodies, standardisation bodies, and certification bodies; research and development centres, and Academia; software houses; engineering consultants; networked multimedia services (business and entertainment). Graduates can also find occupations in a broad range of sectors dealing with multimedia signals, data analysis and artificial intelligence. For example, in the design of ICT systems for the analysis and transmission of audio/video signals, virtual/extended reality applications, but also as data analysts or machine learning developers with applications to ICT systems and networks (WiFi / mobile / satellite networks, Internet of Things, etc.