SCHOOL OF SCIENCE

COMPUTER SCIENCE

The Master's degree strengthens and deepens the cultural background in the fundamental areas of computer science, introduces the most recent and advanced fields of computer science, and provides some basic skills to investigate a research project in computational disciplines.

UNIVERSITÀ
DEGLI STUDI
DI PADOVA

COMPUTER SCIENCE

LEVEL Master

SCHOOL Science

DEPARTMENT Mathematics

DURATION 2 years (120 ECTS)

START DATE October

LOCATION Padua, Italy

PROGRAMME COORDINATOR
Claudio Palazzi

WEB
www.unipd.it/en/computer-science

APPLY.UNIPD.IT

ENTRY REQUIREMENTS
• Bachelor's degree (or equivalent) in Computer Science, Information Engineering or related fields (e.g., Mathematics or Statistics), with proven skills in Computer Science

PROGRAMME STRUCTURE
<u>Study tracks:</u>
- Artificial Intelligence
- Internet, Mobile and Security
- Programming Languages, Systems and Algorithms
<u>Course units:</u> Computability, Advanced Algorithms, Modern Programming Paradigms, Mobile Programming and Multimedia Systems, Formal Methods of Programming Languages, Computer and Network Security, Concurrent, Distributed and Real-Time Systems, Wireless Networks, Advanced Web Technologies, Artificial Intelligence, Machine and Deep Learning, Cognitive Services, Natural Language Processing, Data Mining, Bioinformatics, Game Theory, Combinatorial Optimization, Type Theory.

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 typically assume managing and leading roles in ICT organizations and may contribute and lead R&D ICT projects in public organisations and private companies. The growth of the ICT job market continues to be very positive, hence the outlook is very promising. Graduates can also apply for PhD programmes in Computer Science or related disciplines.