Programme overview
This Master’s degree develops knowledge and expertise in Computer Engineering and Computer Science. There are two strands within areas degree’s classes - one focuses on Computer Engineering and one on Computer Science. The requirements overlap and complement each other. Both strands entitle graduates to participate in engineering licensing exams to work as engineers.

Skills acquired in this programme include:
• systems management, planning and design; management of complex and innovative systems, information management, computer networks, multimedia production and management;
• complex experiment design and management;
• be equipped with contextual knowledge and cross-domain skills.

Minimal entry requirements
Admission will be granted to the candidates having a Bachelor’s degree either in Engineering or Computer Science that includes the following prerequisites: Geometry, Mathematical Analysis, Physics, Computer Science, Computer Engineering, Electronics, Electromagnetic fields, Telecommunications, Automation. The course commission will evaluate the candidate’s curriculum for admission.

Language requirements
B1 in the European Common Framework of Reference for Languages is required. Candidates who have earned a degree taught in English or come from countries whose official language is English do not need a certificate of English language competence.

My Master’s Degree in Engineering and Computer Science is giving me new opportunities that I had never thought of before. I will be able to take the Italian national qualifying exam for engineering, and at the same time expand my skills and knowledge in the field of Computer Science. Our professors are highly qualified and they are very supportive. We have state-of-the-art equipment and it’s very exciting to think about what I can do in the future. I really like my programme!

Darsi Ashok
Study programme

Computer Engineering class degree (LM-32)

YEAR 1
- Embedded systems
- Computer system analysis
- Advanced algorithms and computational models
- Wireless technologies
- Computer system security
- Managing innovation and entrepreneurship or lean production and total quality management
- Electives

YEAR 2
- Advanced techniques of data analysis
- Wireless technology laboratory
- Distributed systems
- Industrial automation and robotics
- Electives
- Further study and internship
- Final exam

Computer Science class degree (LM-18)

YEAR 1
- Embedded systems
- Game theory
- Computer system analysis
- Advanced algorithms and computational models
- Acoustics and sound processing
- Computer system security
- Electives

YEAR 2
- Advanced algorithms for scientific computing or optimisation methods and algorithms
- Parallel programming
- Distributed systems
- Industrial automation and robotics
- Electives
- Further knowledge and internship
- Final exam

International opportunities

UniME students have the opportunity to participate in the Erasmus+ Mobility programme both for study and training. Calls are published on the site twice per year. Another opportunity for students is the UniME Funded programme “Students Around the World” (SAW) call for scholarships for study at the extra-European universities in the context of international cooperation agreements. For further information please visit our site.

Tuition fees

€750/year