



UNIVERSITY  
OF BRESCIA

# INTERNATIONAL MASTER OF SCIENCE IN COMMUNICATION TECHNOLOGIES AND MULTIMEDIA



*This 2-year Master of Science Degree, awarded by the University of Brescia, Italy, will provide a strong graduate education in ICT with an emphasis on Multimedia and Networking services. It wants to prepare experts with a competitive leading edge to design advanced apps and communication services for the Future Internet. Any candidate holding a (min. 3-year) Bachelor's Degree with background in Calculus, Physics, and Computer Science, can apply for admission to this Graduate Programme.*

*Qualified international students may receive financial aid.*

■ *Call for scholarships for foreign students are published in winter.*

## FIRST YEAR

1. Digital Communications (12 ECTS)
2. Network Security / Microwave Engineering (6 ECTS)
3. Nanotechnologies / System Identification (6 ECTS)
4. Image Processing and Visualization (9 ECTS)
5. Elective Computer Science Courses (6 ECTS)
6. Electronics for Telecommunications (9 ECTS)
7. Antennas and Wireless Laboratory (9 ECTS)
8. Electives (9 ECTS)

## SECOND YEAR

9. Multimedia Communications Services (9 ECTS)
10. Digital Audio processing (6 ECTS)
11. Advanced Signal Processing (6 ECTS)
12. Remote Sensing / Optical Communication Systems (6 ECTS)
13. Electives (9 ECTS)

**Final Thesis project (15 ECTS)**



DEPARTMENT OF  
INFORMATION ENGINEERING



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