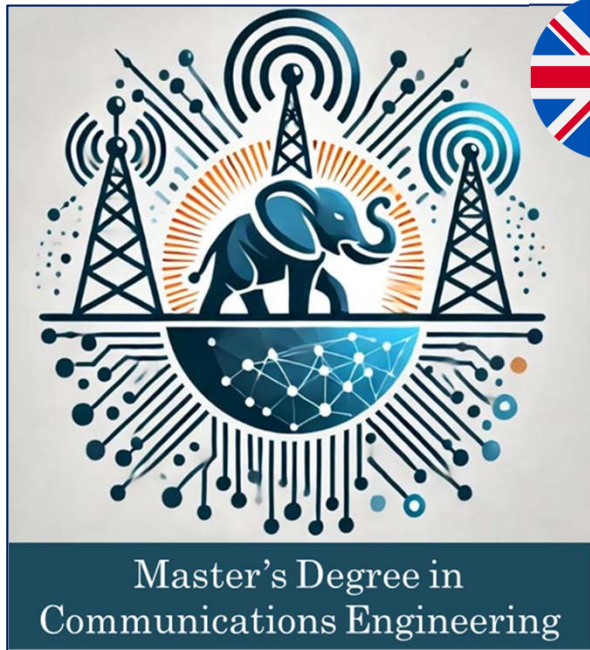
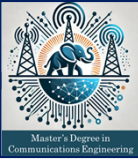




Università di Catania



Department of Electrical, Electronic and Computer Engineering



MASTER'S DEGREE IN COMMUNICATIONS ENGINEERING

COORDINATOR

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<https://www.dieei.unict.it/en/courses/Im-27>



A.Y. 2026/2027

Curriculum

Communication Networks and Services (CNS)

YEAR 1

SEMESTER 1

9796280 – Internet (9)

9796299 - Transmission Lines and Antennas (9)

9796279 - Communication theory and systems (6)

1002692 – Other IT and telematics skills (3)

1001827 - Elective Educational Activities (ADE) (9)

SEMESTER 2

9796283 - IoT and Big Data Sensing Compression and Communication (9)

Deep Learning and Generative Models (9)

Optional group: ING-INF/02-03

9796791 - Radar Imaging and Remote Sensing (9)

9796796 - Design of Communication Networks and Systems (9)

YEAR 2

SEMESTER 1

9796282 - Mobile Radio Networks (9)

9796298 - Signal processing for multimedia applications (9)

41433 – Internship (9) – 225 hours

SEMESTER 2

Network Intelligence (6)

9796281 - Advances in Telecommunication Networks (6)

Final exam (18) – 450 hours

Curriculum

Communication Technologies and Systems (CTS)

YEAR 1

SEMESTER 1

9796280 – Internet (9)

9796299 - Transmission Lines and Antennas (9)

9796279 - Communication theory and systems (6)

1002692 – Other IT and telematics skills (3)

1001827 - Elective Educational Activities (ADE) (9)

SEMESTER 2

9796791 - Radar Imaging and Remote Sensing (9)

Optional group: ING-INF/02-03 (9)

9794278 - Microwave Engineering (9)

9796796 - Design of Communication Networks and Systems (9)

YEAR 2

SEMESTER 1

9796282 - Mobile Radio Networks (9)

9796298 - Signal processing for multimedia applications (9)

Optional group: ING-INF/01-07 (6)

Digital Electronic Systems (6)

Sensors and advanced measurement strategies (6)

41433 – Internship (9) – 225 hours

SEMESTER 2

9796303 – Biometrics, Multimedia Forensics and IoT (9)

Optional group: ING-INF/01-02-03 (6)

Satellite Communications Systems (6)

RF and mmWave Integrated Circuits (6)

Final exam (18) – 450 hours