MSc in Telecommunications Engineering

Fall semester:

30 ECTS to be selected from the following set of courses:

- Optical communications (10 ECTS)
- Digital communications (10 ECTS)
- Digital signal processing (10 ECTS)
- Traffic theory (10 ECTS)
- Audio and video signals (10 ECTS)
- Switching and routing (5 ECTS)
- Foundations of operations research (5 ECTS)

Prerequisites: Basics of signals and communications, Basics of networking

Spring Semester:

30 ECTS to be selected from the following set of courses:

- Wireless networks (10 ECTS)
- Multimedia Internet (10 ECTS)
- Network security and cryptography (5 ECTS)
- Internet of things
- Information theory (5 ECTS)
- Antennas and radio frequency systems (10 ECTS)

Prerequisites: Basics of signals and communications, Basics of networking