Master of Science in
COMMUNICATION SYSTEMS

2-year program - 120 ECTS

Core courses and options 72 ECTS

Master’s thesis 30 ECTS
Project in social and human sciences 6 ECTS
Research project 12 ECTS

The program includes a compulsory internship of eight weeks during the summer, or six months during the semester. The internship can also be combined with the master’s thesis.

Students may choose a 30 ECTS specialization in:
A Computer engineering
B Data analytics
C Foundations of software
D Cyber security
E Networking and mobility
F Signals, images and interfaces
G Software systems
H Wireless communications
I Computer science theory
J Internet information systems

They may also opt for a Teaching specialization (30 ECTS at the Haute école pédagogique du canton de Vaud).

Or choose a 30 ECTS minor included in the 120 ECTS.

Career prospects

The internship portal, with more than 3000 active contacts, is a very effective way to promote internships and master projects. All the big companies like Sony International, NEC Labs and AIP Riken are listed, but not only. There are many SMEs and start-ups too. The EPFL Innovation Park, a few steps away from the campus, hosts many R&D laboratories such as Logitech, or Swisscom. These companies hire a large number of Communication Systems students for internships or master’s projects and also collaborate with researchers from the IC School.

The EPFL Innovation Park is the springboard for numerous start-ups, most of which have emerged from the IC School.

It only takes on average 7 weeks to find one’s first job. Moreover, many Communication Systems graduates receive a job offer during the last semester of their training. Companies such as Oracle, Google, Meta, or Microsoft recruit directly on campus by participating in various events.

School of Computer and Communication Sciences
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