Master of Science in QUANTUM SCIENCE AND ENGINEERING

2-year program - 120 ECTS

Core courses
16 ECTS

Master's thesis
30 ECTS

Industrial internship
12 ECTS

Options
40 ECTS

Project in social and human sciences
6 ECTS

Semester Projects
16 ECTS

Students choose their option classes within one specialization:
A. Quantum information and computation
B. Quantum hardware and engineering

It is possible to take up to 10 credits within the other specialization and up to 8 credits outside this study plan (upon validation by the program's committee).

Career prospects
Given the wide range of topics covered by this Master's program, graduates acquire a comprehensive set of skills enabling them to become the main actors of the next “quantum revolution” as many companies are increasingly embracing quantum information technology, both at the level of research and development, and within a proactive implementation strategy at the level of advanced services. Besides pursuing careers in quantum science, their interdisciplinary profile also enables graduates to thrive in the information technology sector and in the industry at large.

Schools of Basic Sciences,
Engineering, Computer and Communication Sciences
go.epfl.ch/master-quantum-science
Contact: siq@epfl.ch