Master of Science in
ELECTRICAL AND ELECTRONIC ENGINEERING
2-year program - 120 ECTS

30 ECTS
Master’s thesis

12 ECTS
Core courses

4 ECTS
Lab

16 ECTS
Projects

58 ECTS
Optional courses

Students may choose a 30 ECTS specialization in:
A Microelectronics circuits and systems
B Electronic technologies and device-circuit interactions
C Bioelectronics
D Internet of Things (IoT)
E Data Science and Systems
F Signal, Image, Video and Communication
G Wireless and Photonics Circuits and Systems

Or a 30 ECTS minor included in the 58 ECTS of optional courses. Recommended minors with this Master:
- Biomedical Technologies
- Computational Science & Engineering
- Energy
- Management, Technology and Entrepreneurship
- Science, Technology and Area Studies
- Spatial Technologies

or a 30 ECTS internship (4-6 months)

Industrial internship
The program includes an 8-week long compulsory internship. A longer internship (8 to 16 weeks) may be done in addition to a specialization or in combination with the Master’s thesis.

School of Engineering
go.epfl.ch/master-electrical-electronic-engn
contact: philippe.gay-balmaz@epfl.ch