Master of Science in **ELECTRICAL AND ELECTRONIC ENGINEERING**

2-year program - 120 ECTS

- **Master’s thesis**: 30 ECTS
- **Core courses in chosen track**: 20 ECTS
- **Labs and Projects**: 20 ECTS
- **Courses and Projects for Specialization or MINOR**: 30 ECTS
- **Optional courses according to list**: 20 ECTS

### Possible Minors:
- Biomedical Technologies
- Computational Science & Engineering
- Energy
- Space Technologies
- Management, Technology and Entrepreneurship
- Area and Cultural Studies

or **30 ECTS internship (4-6 months)**

### Possible specializations:
A. Digital Design and Computer Engineering
B. Analog, Mixed-Signal and RF Design
C. Data, Signal & Image Science
D. Communication Technologies
E. Optoelectronics and Optics
F. Advanced Control and Communication for Power Systems Operation
G. Renewables and Energy Conversion Systems

### Industrial internship
The program includes a minimum 8-week long compulsory internship.
A longer internship may be done instead of a specialization or in combination with the Master’s thesis.

School of Engineering
master.epfl.ch/electricalengineering
contact: philippe.gay-balmaz@epfl.ch

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<th>Credits</th>
<th>Track</th>
<th>Specialization</th>
<th>Core courses in track to be chosen</th>
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- **Credits**
- **Track**
- **Specialization**

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