

### Engineering Internship with Master's Project Credit

#### ME-597 Engineering Internship Credited with the Master's Project (Master in Mechanical Engineering)

Various Professors

Program: Mechanical Engineering (MA1, MA2, MA3, MA4, PME, PMH)

Type: Optional

Language of Instruction:	-
Credits:	<b>0</b>
Session:	<b>Winter, Summer</b>
Semester:	<b>Autumn</b>
Exam:	<b>During the semester</b>
Workload:	<b>0 hours</b>
Weeks:	-
Project:	<b>320</b>

#### Summary:

Internship of at least 8 weeks. Registration is typically through the internship office, otherwise by contacting the department directly.

#### Content:

The mandatory internship has several goals: immersion of the student in the professional world, strengthening the importance of teamwork, and familiarizing with the procedures and expectations of a company regarding a mechanical engineer. The internship experience will also serve to test the skills acquired by the student during their studies at EPFL.

#### Within the Master's study plan, several forms of internships are possible:

- Internships of 2 to 6 months (must be completed before the Master's project in an EPFL laboratory or another university):

These can take place in any department of the company where the student can contribute their knowledge. Depending on the time allocated, the proposed activity may be more advanced and require competencies gained throughout the student's academic journey.

- A Master's Project (PDM) conducted in industry fulfills the mandatory internship requirement.

#### Learning Outcomes:

- Apply scientific, technical, and organizational knowledge appropriate to the context.

#### Transversal Skills:

- Set objectives and design an action plan to achieve them.
- Use an appropriate work methodology, organize one's work.
- Communicate effectively and be understood, including by people from different languages and cultures.
- Provide feedback (criticism) appropriately.
- Evaluate one's own performance in a group, receive and respond to feedback appropriately.
- Be aware of and comply with the rules of the institution where you work.
- Manage priorities.

**Assessment Method:**

At the end of the internship, complete the evaluation report that will be sent to you by email. The evaluation process begins 2 weeks before the official end of the internship and includes assessments by both the student and the internship supervisor.

**Resources:**

Websites:

- <https://sti.epfl.ch/fr/recherche/instituts/igm/enseignement/stages-dingenieur/>
- <https://www.epfl.ch/education/studies/en/rules-and-procedures/internships/>