

MGT-589

**Master project in sustainable management and technology**

Profs divers \*

Cursus	Sem.	Type
Managmt, dur et tech	PME, PMH	Obl.

Language of teaching	English
Credits	30
Session	Winter, Summer
Semester	Spring
Exam	Oral
Workload	900h
Weeks	
Project	900 weekly
<b>Number of positions</b>	

**Summary**

Research-oriented project in SMT, carried out during a 25-week-internship in industry, and upon which the student writes a master thesis. In certain circumstances, the PdM can be carried out during a mandatory period of 17 weeks in one of the three academic institutions UNIL-HEC, IMD or EPFL.

**Content**

The Master's project gives the student's the opportunity to carry out theoretical and practical work of academic or industrial relevance in the field of knowledge of sustainable management & technology.

The master project in industry allows to:

- Give the opportunity to put into practice the academic knowledge acquired in the SMT master courses
- Gain professional experience, and understand the organization, functioning and management of a company, and to develop soft skills (interpersonal skills) that are necessary for the practice of future professional activity
- Facilitates the transition between university and the first job

**Learning Outcomes**

By the end of the course, the student must be able to:

- Apply scientific, technical and organisational knowledge as appropriate to the context
- Formulate and deal with complex subjects in a critical, independent and creative way
- Develop an individual research project
- Develop expertise in a specific research or industrial area
- Compose a written scientific report
- Present (orally) a project to a scientific audience

**Transversal skills**

- Set objectives and design an action plan to reach those objectives.
- Plan and carry out activities in a way which makes optimal use of available time and other resources.
- Use a work methodology appropriate to the task.
- Communicate effectively, being understood, including across different languages and cultures.
- Take feedback (critique) and respond in an appropriate manner.
- Manage priorities.

**Assessment methods**

Written master thesis, followed by an oral presentation.