

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
Number of positions	

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.