EPFL

CS-599	**Master project in Computer Science**
	Profs divers *

Cursus	Sem.	Type
Computer science	PME, PMH	Obl.

Language of teaching	English
Credits	30
Withdrawal	Unauthorized
Session	Winter, Summer
Semester	Spring
Exam	Oral
Workload	900h
Weeks	
Project	900 weekly
Number of positions	

It is not allowed to withdraw from this subject after the registration deadline.

Summary

The student carries out an academic or industrial master's project. The student will use the required skills and knowledge to accomplish an independent Master in Computer Science.

Content

The Master's project gives the student's the opportunity to carry out theoretical and practical work out of academic or industrial scope registered in a broad field of knowledge of the engineer in Computer Science acquired during his years of study. Each project is carried out under the supervisor of a professor from the Computer and Communication School.

Learning Outcomes

By the end of the course, the student must be able to:
- Formulate and deal with complex subjects in a critical, independent and creatively by applying a holistic life
- Plan and use the appropriate methods to carry out tasks within a given framework
- Develop an individual research project
- Apply skills to a specific subject
- Represent data in a coherent and efficient way
- Develop expertise in a specific area of research
- Compose a written scientific report of a project
- Orally present a project for a scientific audience

Transversal skills

- Set objectives and design an action plan to reach those objectives.
- Use a work methodology appropriate to the task.
- Communicate effectively, being understood, including across different languages and cultures.
- Assess progress against the plan, and adapt the plan as appropriate.
- Give feedback (critique) in an appropriate fashion.
- Take feedback (critique) and respond in an appropriate manner.
- Collect data.
- Access and evaluate appropriate sources of information.

Teaching methods

The student will have to write a report of his master's project which will be evaluated by a jury during the oral defense of his work.

Assessment methods

Written report and oral presentation

Resources

Websites

- https://www.epfl.ch/schools/ic/education/master/master-project/