EPFL

CS-595 **Internship credited with Master Project (master in Computer Science)**

Profs divers *

Cursus	Sem.	Type
Computer science	MA1, MA2, MA3, PME, PMH	Opt.

Language of teaching	English
Credits	0
Session	Winter, Summer
Semester	Fall
Exam	Term paper
Workload	0h
Weeks	
TP	320 weekly
Number of positions	**0**

Remark

L'étudiant doit effectuer un stage de 8 semaines pendant l'été ou 6 mois après un semestre de Master.

Summary

The engineering internship is part of the curriculum for master's students. They join companies in Switzerland or abroad for an internship or a master's thesis project wich takes place in a field of activity where the skils of the future engineer are highlighted.

Content

Internships are an important experience for students enabling them to achieve the following goals :
- Immerse in the professional world
- Highlight the importance of team work
- Take into account the requirements of the company's procedures
- Put into practice the knowledge acquired during studies
3 types of internships are available within the Master's program:
- Short internship (minimum 8 weeks) summer only
- Long internship (6 months) student is on leave from EPFL
- Master's project in industry (25 weeks)

Keywords

Internship; industry; project; team work; requirements

Learning Prerequisites

Required courses

One semester at EPFL for student who did their Bachelor's at EPFL
Two semesters at EPFL for students from another university

Important concepts to start the course

Importance of commitment

Learning Outcomes

By the end of the course, the student must be able to:
- Be aware of the importance of legal requirement and code of ethics of the profession
- Communicate effectively

- Assess their skill level and set professional goals
- Manage priorities
- Receive and give feedback. Respond appropriately

Expected student activities

The student commits to act professionally during the whole internship

Assessment methods

- Short internships : electronical evaluation at the end of the internship
- Long internships : electronical evaluation at the end of the internship
- Master thesis projects in industry : *relate to the master thesis's listing*

Supervision

Others   Industry supervisor
                               EPFL supervisor

Resources

Notes/Handbook

Internship procedures : http://ic.epfl.ch/files/content/sites/ic/files/Internship3-%20Directives%20GB.pdf

Websites

- http://ic.epfl.ch/computer-science/internships
- http://stages.epfl.ch/page-93564-en.html