CS-595

# Internship credited with Master Project (master in Computer Science)

Profs divers *

| Cursus | Sem. | Type |
|---|---|---|
| Computer science | PMH | Obl. |
| Computer science | MA1, MA2, MA3, MA4, PME | Opt. |

| | |
|---|---|
| Language of teaching | English |
| Credits | 0 |
| Session | Winter, Summer |
| Semester | Fall |
| Exam | During the semester |
| Workload | 0h |
| Weeks | |
| Project | 320 weekly |
| **Number of positions** | |

## 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 an integral part of the curriculum for master's students. They join companies in Switzerland or abroad to carry out an internship or their master's project 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 themselves in the professional world
- Highlight the importance of teamwork
- Considere the imperatives of a company in its processes
- Put into practice the knowledge acquired from the study plan

3 types of internships are available within the Master’s program:
- 8 weeks internship during the summer only
- 6 months (long) internship : The student is on leave for one semester
- Master’s project in the industry (25 weeks)

## Learning Prerequisites

### Required courses

- Have completed one full semester for students who have obtained their Bachelor at EPFL
- Have completed two full semesters for students coming 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 procedures and the ethical code of the profession
- Communicate effectively and be understood
- Self-Assess the level of acquired skills and plan the next goals

- Manage the priorities
- Receive and give feedback (criticism) and respond appropriately

## Expected student activities

The student agrees to do his internship with professionalism

## Assessment methods

- Short internship (8 weeks) : electronical evaluation at the end of the internship
- Long internship (6 months) : electronical evaluation at the end of the internship
- Master's project in the industry : see the master's project course book

## Supervision

| | |
|---|---|
| Others | Industry supervisor<br>EPFL supervisor |

## Resources

### Notes/Handbook

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

### Websites

- https://www.epfl.ch/schools/ic/internships/
- https://www.epfl.ch/about/recruiting/recruiting/internships/