

# COM-597 Engineering internship credited with Master project (master in Communication Systems)

CursusSem.TypeSC master EPFLPME, PMHObl.SC master EPFLMA1, MA2, Opt. MA3, MA4

Profs divers \*

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 de 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 which takes place in a field of activity where the skills 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) students 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 students 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

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

#### Websites

- http://ic.epfl.ch/fr
- http://stages.epfl.ch/