

UE Internship - Master Compsee



ECTS
24 crédits



Composante
UFR Physique,
Ingénierie,
Terre,
Environnement,
Mécanique
(PhITEM)



Période de
l'année
Printemps (janv.
à avril/mai)

Diplômes intégrant cet élément

- Master Electronique, énergie électrique, automatique

- › **Langue(s) d'enseignement:** Anglais, Français
- › **Ouvert aux étudiants en échange:** Oui
- › **Code d'export Apogée:** PAXXCOAA

Présentation

Description

The second semester is devoted to a 5 to 6 months internship carried out on various topics and in different industries or research labs. This is a key step of this Master 2 curriculum and the transition towards a potential research program developed further during a PhD or a position in industry. This internship is also usually the student's first long-term experience with laboratory research. The student will perform research in his laboratory to reach the goals planned. This is a unique opportunity to test your practical and theoretical skills and choose a research topic.

It is worth noting that most students find internships in large industries, but that a significant number are enrolled in SMEs. This motivates the importance of entrepreneurial and research skills in addition to the classical industrial ones. The collaborative internships between academic research labs and industries contribute to the transfer of knowledge between university and industry and is thus strongly encouraged. The variety of industrial markets addressed appears to be a direct consequence of the need for electrical engineering in all high-tech processes with strong efficiency needs.

Strong motivation, solid scientific background will be the basis of the internship. The student must deal with the assigned topic and the hypothetical task independently and scientifically, including a comprehensive write-up of the topic and the implementation of the task as well as an oral presentation of the work.

The internship must be found during the first semester. The choice of internship must be approved by the Program Committee. Students must therefore have their choice of internship approved before end January.

Assessment: The work is assessed by means of a written Master's thesis to be submitted at the end of the period, an oral presentation and the assessment of the internship tutor. The language of the report and presentation will be French or English, as chosen by the student. Laboratory skills and scientific rigor are evaluated.

Pré-requis recommandés

Admission in the Master 2 Curriculum Computational Sciences for Electrical Engineering.

Infos pratiques

Campus

› Grenoble - Domaine universitaire