

DU Internet des objets (Internet of things)



Niveau de
diplôme
BAC +2



Langues
d'enseignement
Anglais

Présentation

- * A Spring-term international programme (late January-late June)
- * English-taught class welcoming both French and international students
- * Tutorials, practical classes and group project

Objectifs

- * Teach students what the IoT is, and its different aspects: security, cloud, infrastructure and programming, fog computing
- * Allow IT students to specialize in the field of IoT
- * Offer international and French students the opportunity to develop their technical and computing skills while focusing on a booming field that is expected to keep growing in the coming years
- * Train students to work in groups and with people from different educational and cultural backgrounds
- * Teach students how to carry out a project from A to Z; teach them about project management
- * Offer international students the opportunity to study in a region at the heart of Europe

Les atouts de la formation

Informations supplémentaires

Please visit our website for information on our website, students' testimonials, pictures and contacts: <https://www.iut-acy.univ-smb.fr/international/general-presentation/>

Admission

Conditions d'accès

Foreknowledge in the IT domain is needed, students must have completed 120 ECTS in the computing / technical field.

Furthermore, interest in the IT discipline and an active, flexible and eager-to-learn attitude are necessary to work in a team.

Finally, it is necessary to have a good standard of English.

Available to students in their 3rd year of Bachelor's Degree minimum; Master's students welcome

Infos pratiques

Contacts

Sandrine Gruffaz

☎ +33 4 50 09 22 90

✉ Sandrine.Gruffaz@univ-savoie.fr

Secrétariat pédagogique

Nadine Cologon

☎ +33 4 50 09 22 10

✉ Nadine.Cologon@univ-savoie.fr

Campus

🏠 Anancy / campus d'Anancy-le-Vieux

Programme

DU - Internet of things

Semestre 5

| | |
|-----------------------------------|------------|
| Sensors in connected environments | 1 crédits |
| Introduction to networks | 1 crédits |
| Security | 2 crédits |
| Communication protocols for IoT | 3 crédits |
| Programming for IoT | 2 crédits |
| Cloud | 2 crédits |
| Embedded platforms | 2 crédits |
| Database SQL/No SQL | 2 crédits |
| Introduction to Linux | 2 crédits |
| Group project | 13 crédits |