

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'admission

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

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Secrétariat pédagogique

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Campus

🏠 Anancy / campus d'Annecy-le-Vieux

Programme

DU - Internet of things

Semestre 5

	Nature	CM	TD	TP	Crédits
Sensors in connected environments	EC				1 crédits
Introduction to networks	EC				1 crédits
Security	EC				2 crédits
Communication protocols for IoT	EC				3 crédits
Programming for IoT	EC				2 crédits
Cloud	EC				2 crédits
Embedded platforms	EC				2 crédits
Database SQL/No SQL	EC				2 crédits
Introduction to Linux	EC				2 crédits
Group project	EC				13 crédits