SCiences, Technologies, Santé

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

Informations non contractuelles.
Dernière mise à jour le 20 janvier 2021
Contacts

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Campus

🏠 Annecy / campus d'Annecy-le-Vieux
Programme

DU - Internet of things

Semestre 5

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<tr>
<th>Course</th>
<th>Credits</th>
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<tr>
<td>Sensors in connected environments</td>
<td>1 crédit</td>
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<tr>
<td>Introduction to networks</td>
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<td>Security</td>
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<td>Communication protocols for IoT</td>
<td>3 crédits</td>
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<tr>
<td>Programming for IoT</td>
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<td>Cloud</td>
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<td>Embedded platforms</td>
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<td>Database SQL/No SQL</td>
<td>2 crédits</td>
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<td>Introduction to Linux</td>
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<tr>
<td>Group project</td>
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