Networks, mobility, security

Professional bachelor's degree for computer networks and telecommunication

Duration
1 year

Component
Institut universitaire de technologie (IUT 1)

Language(s) of instruction
English

Presentation

The bachelor's degree is organized according to three training courses, which form three autonomous groups (from 15 to 20 students): initial French-language training, initial English-language training (WiNS, Wireless Networks and Security), block-release training - Click here for more information about the course in English (LP WINS)

These courses are treated as three autonomous groups (15 to 20 students). The lessons are organized in the following way : lectures (~15 %), tutorials, practice assignments, conferences, tutored projects, and practica (or experience in company). Lessons from teaching unit disciplines related to science and technology (French communication, English communication, law) are not shared among the 3 groups to meet organizational or language requirements.

The trades covered by this training are those of intermediate technical staff in the field of networks and telecommunications. They require general skills to design, install, maintain, secure, and evolve all types of communication networks as well as distributed and collaborative networked communications tools.
This course offers a specialization for the deployment and the secure management of networks and wireless networks. These businesses currently offer numerous opportunities to network equipment manufacturers, service companies, telecommunications operators, Internet service providers (ISPs), telephony equipment installers, service companies and computer engineering companies, as well as companies, in any sector of activity, managing their own IT resources. In addition, it specializes in the deployment and maintenance of infrastructure and tools intended for collaborative internal use for companies and video broadcasting.

International education : Internationally-oriented programmes

Organisation

Abroad intership : In France or abroad

Internship period : April to July

Admission

Access conditions

This training can be accessible on file (and / or interview) to candidates with a diploma of level bac + 2 in the field, a diploma or title approved by the State level III or recognized at the same level, by national regulations, or by validation of acquired knowledge or studies.

Continuing education community : You are in continuing education :

- if you resume your studies after 2 years of interruption of studies
- or if you were undergoing continuing education in one of the previous 2 years
- or if you are an employee, jobseeker, self-employed person
If you do not have the required diploma to enter the training, you can undertake a ☑ validation of personal and professional learning

Candidature / Application

You want to apply and sign up for a master ? Please be aware that the procedure differs depending on the diploma you want to take, the diploma you have already obtained and, for foreign students, your place of residence.Let us be your guide – simply follow this ☑ link

Target

- University technology diploma delivered by the IUT Networks and telecommunications
- Advanced technician diploma IT services for organizations, IRIS
- Bachelor's degree 2 scientific
- Candidates who have a Validation of Higher Education in France or abroad or a validation of prior experience
- Other University technology diploma delivered by the IUT, Advanced technician diploma and equivalent level training after résumé assessment

And after

Further studies

The vocational bachelor's degree is a vocational training; the pursuit of studies remains exceptional.

Useful info

Contacts

Program director
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Program director
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Course location(s) - City

📍 Grenoble

Campus

🏢 Grenoble - University campus

Program

Specifics of the program

Program under construction - waiting CFVU vote

Professional bachelor's degree

	Nature	CM	TD	TP	Crédits
UE Science and technology disciplines	Teaching Unit (UE)				8 credits
Communication	SUBJECT				
Law	SUBJECT				
Project management	SUBJECT				
English	SUBJECT				
UE Basic scientific and technical disciplines	Teaching Unit (UE)				12 credits
Networks	SUBJECT				
Databases	SUBJECT				
System administration	SUBJECT				
Digital communications and media	SUBJECT				
Network security	SUBJECT				
UE Scientific disciplines and specialisation techniques	Teaching Unit (UE)				10 credits
VoIP & real-time flow	SUBJECT				
Mobile transmission systems	SUBJECT				
Infrastructure safety	SUBJECT				
Advanced computer networks	SUBJECT				
Wireless networks	SUBJECT				
UE Tutored project	Teaching Unit (UE)				8 credits
UE Practicum or activity in a company	Teaching Unit (UE)				22 credits
Company appreciation	SUBJECT				
Report	SUBJECT				
Defence	SUBJECT				