

Professional bachelor's degree for computer networks and telecommunication

Networks, mobility, security

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.

Registration and scholarships

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](#)

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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 group

- 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

Further studies

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

Practicals informations :

- > Component : Institut universitaire de technologie (IUT 1)
- > Duration : 1 year
- > Course type : Professionalisation contract, Education in apprenticeship, Initial and Continuing Education
- > Location(s) : Grenoble - University campus

Contacts

Program director

(Cursus anglais) LUBINEAU Denis
 iut1.lp-cnms.de@univ-grenoble-alpes.fr

MORAND Alain
 iut1.lp-rims.de@univ-grenoble-alpes.fr

Program

Program under construction - waiting CFVU
 vote

- Infrastructure safety
- Advanced computer networks
- Wireless networks

UE Tutored project 8 ECTS

UE Practicum or activity in a company 22 ECTS

- Company appreciation
- Report
- Defence

Professional bachelor's degree

UE Science and technology disciplines 8 ECTS

- Communication
- Law
- Project management
- English

UE Basic scientific and technical disciplines 12 ECTS

- Networks
- Databases
- System administration
- Digital communications and media
- Network security

UE Scientific disciplines and specialisation techniques 10 ECTS

- VoIP & real-time flow
- Mobile transmission systems