

Graduates in Computer Networks and Multimedia Communication possess broad knowledge of information and communication technology rounded out by in-depth mastery of a specialty field such as mobile computing, ambient computing, the Internet of Things, and cloud computing.

- Recent graduates have secured positions like:
- R&D engineer
 - Design/calculation engineer
 - Technical manager
 - Systems/network engineer
 - Application manager
 - Development engineer
 - Consultant

Our graduates possess solid general engineering skills

- A capacity to use resources from a broad range of basic sciences
- Knowledge and understanding of a specialty scientific and technical field
- Mastery of engineering tools and methods
- An ability to work within an organization, manage a team, and implement change
- Understanding of broader industrial, financial, and professional issues
- A capacity to work in international settings
- Respect for societal values



Graduates have mastered specific competencies that prepare them to handle real-world professional situations:

Competency	Situation
Managing and overseeing software projects	<ul style="list-style-type: none"> • Drawing up specifications • Setting up support resources • Setting up a collaborative workspace • Managing a team of developers • Overseeing a software project
Designing, developing, and integrating software bricks	<ul style="list-style-type: none"> • Determining the target architecture and components • Upgrading and modifying existing systems • Moving an application from one platform to another • Integrating existing systems
Automating information processing	<ul style="list-style-type: none"> • Designing applications • Designing and developing systems • Integrating applications into systems
Administering IT infrastructure	<ul style="list-style-type: none"> • Implementing an infrastructure • Upgrading a network • Designing distributed solutions • Preparing RFQ submissions
Creating smart systems (interactive and complex data processing systems)	<ul style="list-style-type: none"> • Creating a human-machine interface from user needs • Implementing a content management system • Developing or improving multimedia processing modules • Analyzing and extracting information from the internet in a structured manner
Practicing continuous innovation	<ul style="list-style-type: none"> • Detecting emerging needs (new markets) • Growing a business (business plan) • Establishing a consulting business • Conducting audits and providing training

In-company placements

- Third year: optional placement in July
- Fourth year: 12 weeks from May to August
- Fifth year: 22 weeks from April to September
- Graduation project: for external customers (companies or research labs)

A selection of companies that have hired graduates in Computer Networks and Multimedia Communication:

ATOS, BULL, CAPGEMINI, EDIFIXIO, ORANGE BUSINESS SERVICES, SOPRA, THALES, VISEO

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