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:

<table>
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<tr>
<th>Competency</th>
<th>Situation</th>
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| Managing and overseeing software projects     | • Drawing up specifications  
|                                               | • Setting up support resources  
|                                               | • Setting up a collaborative workspace  
|                                               | • Managing a team of developers  |
| Designing, developing, and integrating software bricks | • 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              | • Designing applications  
|                                                      | • Integrating applications into systems  
|                                                      | • Designing and developing systems  |
| Administering IT infrastructure                | • Implementing an infrastructure  
|                                                      | • Upgrading a network  
|                                                      | • Designing distributed solutions  |
| Creating smart systems (interactive and complex data processing systems) | • 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               | • 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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