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.

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

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

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

<table>
<thead>
<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
- Fourth year: 12 weeks
- Fifth year: 22 weeks
- 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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