Graduates in Health Information Technology (HIT) possess a multidisciplinary skillset encompassing IT instrumentation and healthcare-specific knowledge. They are able to analyze medical and healthcare system needs, bridge the gap between health specialists and IT engineers, and design information systems and software for healthcare, clinical/preclinical research and medical devices. Our HIT engineers are uniquely qualified to run outsourced health information systems and instrumentation projects.

Recent graduates have secured positions like:
- HIT engineering consultant
- Medical Device R&D engineer
- HIT development engineer
- In-house HIT manager at hospitals and other healthcare facilities

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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| Understanding healthcare system user needs | • Drawing up formal specifications based on user needs to design a healthcare system  
• Drawing up formal requirements for the development and maintenance of a health care system  
• Providing recommendations for specific healthcare system solutions  |
| Designing and implementing information systems for healthcare and clinical/preclinical research and medical devices | • Implementing a Health Information Systeme  
• Developing a medical device  
• Providing support on medtech innovation projects  |
| Managing a project and interacting with the prime contractor on Health Information System (HIS), medical devices, and clinical/preclinical research projects | • Implementing and integrating HIS solutions  
• Managing interoperability  
• Integrating a medical device into a healthcare or clinical/preclinical research system  
• Planning and managing complex projects  |
| Understanding the social, economic, and legal/regulatory context unique to healthcare | • Making recommendations to improve a healthcare system based on health and demographic data  
• Providing support for the implementation of a healthcare network or new HIS  
• Managing socioeconomic activity  |
| Communicating about and promoting his/her projects | • Understanding the relationships between complex ideas and distilling them into clear, simple messages  
• Presenting conclusions and recommendations  |

In-company placements:
- Third year: optional placement  
- Fourth year: 12 weeks  
- Fifth year: 22 weeks  
- Graduation project: 2 months for external customers (companies or research labs)

A selection of companies that have hired HIT Engineering graduates:
- ACETIAM, ALTEN, DOSHAS CONSULTING, EASIS, ENNOV, ENOVACOM, MAINCARE SOLUTIONS, ORANGE BUSINESS SERVICE, PURKINJE, SOFTWAY MEDICAL, SOPRA STERIA, TECHNIDATA, WEB100T, WORLDLINE...

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