

Master in Information and Computer Sciences

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Academic Master



📖 FACULTY OF SCIENCE, TECHNOLOGY AND COMMUNICATION

Degree Master in Information and Computer Sciences (Academic)

Duration 2 year full-time programme / 4 semesters: 120 ECTS

Teaching language English

Objectives This Master enables students to acquire deeper knowledge in computer science by understanding its abstract and interdisciplinary thinking foundations, focusing on problem solving and developing lifelong learning skills. Students can specialise in the following areas:

- Adaptive computing
- Communication systems
- Information security
- Intelligent systems
- Network systems
- Reliable software systems

Strengths

- Flexible specialization options
- Early involvement in research projects
- Individual mentoring and courses taught in small groups
- Internationally renowned professors
- International cooperation agreements with universities and industries
- Strong links with the Computer Science and Communications Research Unit (CSC) and the Interdisciplinary Centre for Security, Reliability and Trust (SnT) at the University of Luxembourg

Further study and career opportunities Luxembourg is a major financial centre with ever increasing needs for highly qualified IT staff. Other employment opportunities are found in the public sector, local industries and public research institutes. The MICS prepares interested students for a PhD in computer science.

Entry requirements Bachelor degree in computer science or related field

Enrolment fee 200€/semester

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Further information <http://mics.uni.lu>



“Our programme offers a great mix of studies and research. With early immersion in research projects and flexible specialisation options it provides a deep understanding of digital technologies and prepares for a successful professional career in academia or industry.”

Pierre Kelsen, Course Director and Professor of Computer Science



“I’d recommend this programme because of the various opportunities for research and study. Students have the chance to select profiles, I chose for instance Security and Reliable Systems (software engineering) because I think they combine in a very harmonious way and offer a great basis for any PhD or job afterwards. I also appreciate the people here, their willingness and their passion to work and collaborate. I found that I learned a lot because of the style of teaching and the open-mindedness of everyone around.”

Lidia-Andra Lezza