Computer Science MSc

www.elte.hu/en/computer-science-msc

"The atmosphere at the university is great and I have really learned a lot from professors and classmates. Infrastructure is great with beautiful buildings, up-to-date equipments and facilities for study and computers in labs have all the software we need."

Mohammad Asif Karim
India

The objective of the program is to train Software Designers with a **professional knowledge** based on **solid theoretical background.** Our students develop skills to take part in **program development**, in **developing information systems**, and **system management** in various areas.

The program provides students with a **broad education in Computer Science** in combination with **specialized work in computer and information processing techniques, programming languages**, **data structures, information retrieval, operating systems, compiler design.** Students learn the theory as well as the methodologies and techniques in the development and implementation of computer systems. The more practical programming courses are aided by several courses in pure and applied mathematics and theoretical computer science courses throughout the curriculum.

Strength of program:

The high standard of training is guaranteed by the **highly qualified academic staff**. Teaching is supported by **modern infrastructure** and well-equipped computer labs (artificial intelligence, databases, and robotics).

The Faculty has a **close relationship with the business community** and **the joint research and development projects** offer up-to-date practical knowledge and experience to the students. The Faculty has concluded bilateral agreements with numerous universities in the world, which allows students to study one or two semesters or participate in research projects at a partner institution.

Extracurricular undergraduate research activities of the students are supported and supervised by leading scientists of the Faculty. These students present their findings at a conference organised by the Faculty every year.

Career prospects:

Software Designers are welcome in every sector of informatics. Our graduates easily find jobs at large Hungarian and international computer companies, banks, large enterprises, state institutions, software development companies, research institutes and universities where they may be engaged in the preparation of integrated data processing systems, electronic trade transactions and electronic money transfers, solving telecommunication problems (networks, programming mobile phones), performing image recognition, computer-aided design, image processing or preparing multimedia applications.

Job examples:

software and services designer, software architect, information system architect, systems designer, engineer

Your application:
Application deadline (September intake): 30 April
Application deadline (February intake): 31 October

Tuition fee/semester: 3,000 EUR
Application fee: 140 EUR
Registration fee/semester: 60 EUR

Please consult the website
for the most recent information:
www.elte.hu/en/computer-science-msc

Other degree programs
at the Faculty of Informatics, ELTE:

→ **Computer Science preparatory year**
→ **Computer Science BSc**
→ **EIT Digital Master School:**
   Security and Privacy technical major MSc
→ **EIT Digital Master School: Software and**
   Service Architectures technical major MSc
→ **Cartography MSc**
→ **Doctoral School of Informatics**

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