cc. 500 International students from 70 countries all over the world

Supermarkets nearby

Post-office

General practitioner (GP) office

1 Campus

Mental Hygiene support

59 Undergraduate programmes

Mentor Systems

35 Lecture halls

7 dormitories with about 2500 places

8 Faculties

Wheelchair accessibility to buildings, dormitories, lifts and restrooms

Several cafeterias and snack bars with cold and hot meals

3 Clubs

76 Graduate programmes

1 Main library and dozens of specialist libraries

Family-friendly room

Psychologist

Canteen and several cafés

Solarium

29 Buildings, Educational buildings area: 135 000 square meters

Established in 1735

Swimming pool

7 Doctoral Schools

Dental office

Sport center with running tracks, tennis courts, gyms and sports fields
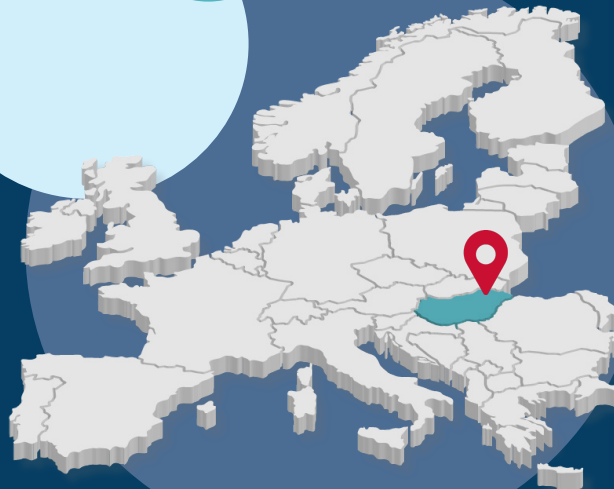
cc. 9000 Students

85 Hectares

630 Lecturers and researchers several research labs and workshops

STUDENT HOSTELS

INTERNATIONAL VISIBILITY - RANKINGS (2023)

QS – WUR 1001-1200
THE - WUR 1501+
GREEN METRICS 755

UNIVERSITY OF

MISKOLC

HUNGARY

**BSc in
COMPUTER SCIENCE ENGINEERING**

Faculty of Mechanical Engineering and Informatics

Faculty of Mechanical Engineering and Informatics

BSC IN
COMPUTER SCIENCE ENGINEERING

The aim of the program is to train computer software engineers who, after having acquired a high level of scientific and specific technical knowledge related to the field of informatics, are able to design new IT systems and tools, develop and integrate IT systems, and distributed software applications, carry out and coordinate development tasks in the field of IT. It also prepares students to continue their studies at doctoral level.

Career prospects

Graduates can take up a position as middle and senior managers in the IT industries with theoretical, practical and managerial skills at almost any field of information technology like software development, programming, OS and databases.

Further study opportunities

MSc in Computer Science Engineering; Information Science and Technology PhD level.

Specializations

- Web Technologies

Professional Subjects

- Fundamentals Programming
- Computer Architectures
- Object Oriented Programming
- Operating Systems
- Database Systems I and II
- Computer Networks
- Software Technology
- Digital Systems
- Security in Computer Systems
- Software Technology Lab
- Web Technologies Foundation
- Java Programming
- Introduction into Artificial Intelligence
- Electrotechnics-Electronics
- Graphics Programming
- Mobile Phone Programming
- Design of Industrial IT Systems
- Advanced IT Technologies/SW Testing
- Windows Operating Systems
- Development of Distributed Web Application
- Technical Communication
- Web Technologies – Client side
- Data Management in Web Applications
- Web Technologies – Server Components
- Degree Thesis

Core courses

- Discrete Mathematics
- Probability Theory and Statistics
- Introduction into CAD Systems
- Mathematical Analysis I and II
- Linear Algebra and Discrete Mathematics Data Structures and Algorithms
- Introduction into Physics
- Modern Physics

Economics

- Operations Management Integrated ERP systems
- Management and Organization
- Resource Planning

Others
Summer Internship (8 weeks)
2 optional courses

Academic requirements
secondary-school leaving certificate; secondary school level knowledge of mathematics

Duration
8 semesters

Entrance requirements
English (IELTS 6.0 or equivalent)

Language Courses
- Language teaching centre
www.iok.uni-miskolc.hu/index.php/international-students/
- Confucius Institute
konfuciusz.uni-miskolc.hu/promo

Tuition fee
€ 3000/semester + € 150 application fee

Scholarship possibilities
www.uni-miskolc.hu/scholarship-programmes
-Stipendium Hungaricum Scholarship
www.uni-miskolc.hu/sp-stipendium-hungaricum
or Christan Young People
www.uni-miskolc.hu/christian-young-people

Apply here

More information