


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 

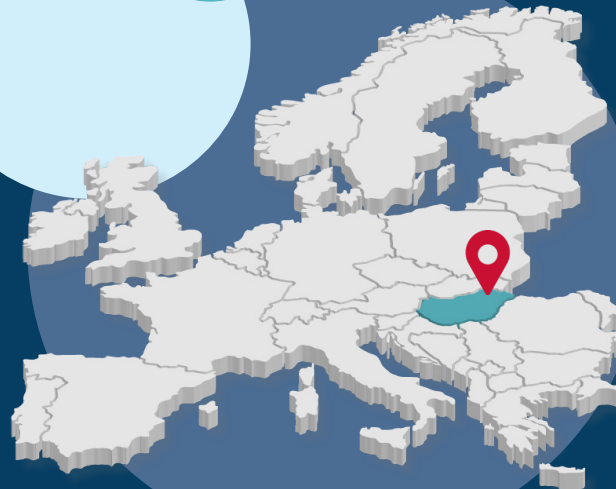
630 Lecturers and researchers, several research labs and workshops

## STUDENT HOSTELS



## INTERNATIONAL VISIBILITY - RANKINGS (2023)

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



## BSc in COMPUTER SCIENCE ENGINEERING

Faculty of Mechanical Engineering and Informatics



UNIVERSITY OF  
**MISKOLC**  
HUNGARY



## 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

- Basics of 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
- Introduction into Physics
- Linear Algebra and Discrete Mathematics
- Data Structures and Algorithms
- 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

7 semesters

## Entrance requirements

English (IELTS 6.0 or equivalent)

## Language Courses

- Language teaching centre  
[www.iok.uni-miskolc.hu/index.php/international-students/](http://www.iok.uni-miskolc.hu/index.php/international-students/)
- Confucius Institute  
[konfuciusz.uni-miskolc.hu/promo](http://konfuciusz.uni-miskolc.hu/promo)

## Tuition fee

€ 3000/semester + € 150 application fee

## Scholarship possibilities

- [www.uni-miskolc.hu/scholarship-programmes](http://www.uni-miskolc.hu/scholarship-programmes)
- Stipendium Hungaricum Scholarship  
[www.uni-miskolc.hu/sp-stipendium-hungaricum](http://www.uni-miskolc.hu/sp-stipendium-hungaricum)
- or Christian Young People  
[www.uni-miskolc.hu/christian-young-people](http://www.uni-miskolc.hu/christian-young-people)

Apply here



More information

