

Nyíregyháza, Hungary, Europe



UNIVERSITY
OF NYÍREGYHÁZA
• 1914 •

TRADITION / INNOVATION

Partnership for Progress
University-Driven Innovation and Education Empowering Industry

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EXPLORE NYÍREGYHÁZA

Nyíregyháza is a city in northeastern Hungary and the county capital of Szabolcs-Szatmár-Bereg. With a population of 120,000, it is the seventh-largest city in Hungary and is one of the leading cities of Northern Hungary and of the northern part of the Great Hungarian Plain (Alföld).

Its development has been ongoing since the 18th century, making it the economic and cultural center of the region. As an agricultural and developing industrial city, it is located in the center of the Nyírség region.



BUDAPEST

NYÍREGYHÁZA





ABOUT THE UNIVERSITY

5,700+ STUDENTS
500+ INTERNATIONAL STUDENTS
80+ ACADEMIC PROGRAMMES
10+ FIELDS OF STUDY
TRADITION SINCE 1914
60+ YEARS OF ENGINEERING EDUCATION
60+ YEARS OF TEACHER EDUCATION
55+ YEARS OF PILOT TRAINING
**10+ INTERNATIONAL
RESEARCH PROJECTS**

The University of Nyíregyháza is a dynamic, practice-oriented institution with strong national and international traditions. Building on more than four decades of professional excellence, it has evolved into a modern University of Applied Sciences committed to innovation, research excellence, and real-world impact.

Our mission is clear: to provide high-quality education, applied research, and effective knowledge transfer that respond directly to today's global economic and societal needs. With industry-aligned bachelor's, dual training, and master's programmes, as well as practice-driven R&D platforms, the university serves as a strategic hub for talent, innovation, and international collaboration—offering compelling value for investors and global partners alike.





ENGINEERING & IT EDUCATION TAILORED TO INDUSTRY NEEDS

The University of Nyíregyháza offers a future-ready portfolio of engineering and information technology programmes designed to meet the demands of today's rapidly evolving industrial landscape.

Our key areas include Mechanical Engineering, Vehicle Engineering, Transportation Engineering, Computer Science, Computer Science Engineering, Agricultural and Food Industry Engineering, as well as highly sought-after IT programmes such as Computer Engineering (with a strong focus on IoT and network operations) and Software Engineering.

These programmes are developed in close collaboration with regional and national industry partners to ensure graduates possess the practical skills, digital competencies, and hands-on experience required by modern manufacturing and technology-driven sectors.





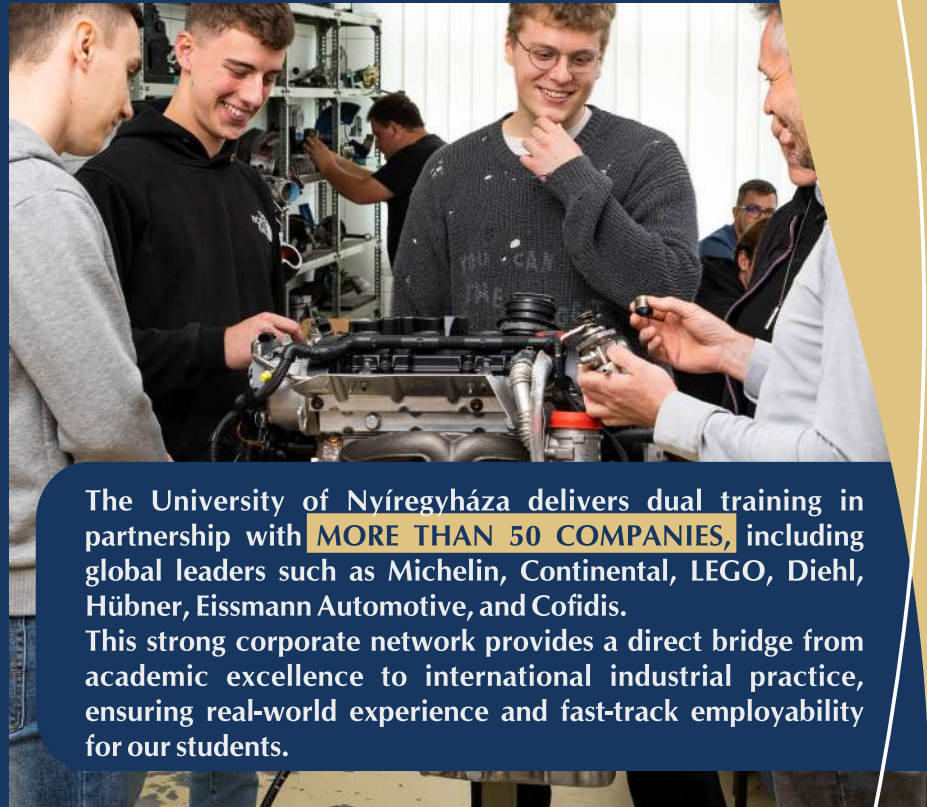
DUAL AND COOPERATIVE TRAINING A DIRECT TALENT PIPELINE FOR INDUSTRY

Our dual training model provides companies with an immediate, reliable pipeline of skilled young professionals.

Available across seven bachelor programmes — including Business and Management, Mechanical Engineering, Vehicle Engineering, Transportation Engineering, Agricultural and Food Industry Engineering Agricultural Engineering, and Software Engineering — this system enables corporate partners to select and train students from the outset.

The legal framework introduced in 2015 offers increased flexibility, making cooperation smoother and more efficient for employers.

Through this model, students gain real-world experience in industrial environments, while companies benefit from early talent identification, reduced onboarding time, and workforce development aligned with their long-term strategic needs.



The University of Nyíregyháza delivers dual training in partnership with **MORE THAN 50 COMPANIES**, including global leaders such as Michelin, Continental, LEGO, Diehl, Hübner, Eissmann Automotive, and Cofidis.

This strong corporate network provides a direct bridge from academic excellence to international industrial practice, ensuring real-world experience and fast-track employability for our students.

INNOVATION



LEGO EDUCATION STUDIO



INNOVATION

TRADITION

PILOT TRAINING

TEACHER TRAINING



INNOVATION & TECHNOLOGY TRANSFER HIGHLIGHTS



Technology and Knowledge Transfer Center (NYE-TT Ltd.)

Established as a strategic bridge between the university's research ecosystem and industry partners, supporting:

- > intellectual property management,
- > proof-of-concept development,
- > spin-off creation,
- > prototype validation, and
- > industry-university R&D collaborations.

Proven Track Record in Applied Innovation

the university actively advances market-oriented research across key focus areas, including:

- > sustainable agriculture,
- > circular economy solutions,
- > food and water safety,
- > and cosmetic-related innovations.

These initiatives demonstrate a strong capacity to transform scientific results into practical, industry-ready applications.

GREEN UNIVERSITY & SUSTAINABLE AGRICULTURAL INNOVATION

- > Eco-friendly Agricultural Practices
- > No-Till and Climate-Smart Experiments
- > Advanced Precision Machinery
- > Hands-On Training & Applied Research Environment

INDUSTRY PARTNERSHIPS & STRATEGIC COLLABORATION

- > Strategic Cooperation with Hungary
- > Active Collaboration with Leading Industrial Partners
- > Integrated Education-to-Industry Pathway
- > Innovation-Driven Co-Development



INFORMATION TECHNOLOGY & ROBOTICS TALENT BASE

Industry-aligned IT Education – The Computer Engineering BSc offers strong specializations in IoT development and network operations, ensuring graduates are prepared for modern digital infrastructures.

Robotics Ecosystem – The university hosts a comprehensive robotics environment, including the LEGO® Education Innovation Studio, where students engage with hands-on robotic systems

International Robotics Competitions – As a regional host of the FIRST LEGO League, the institution provides competitive platforms that build technical excellence and teamwork among young talents.

Continuous Talent Development – Through workshops, labs, and mentorship programmes, students gain practical experience in programming, automation, and smart-system design.

Practice-Driven Learning Spaces – Hacklabs and robotics labs support experimentation, innovation, and collaboration with real-world applications

BUSINESS, WORKFORCE & INVESTMENT ECOSYSTEM

Business & Economic Sciences Supporting Industry

- > Training Programs to Support the Labor Market
- > Applied Research in Business
- > Industry-linked Learning

Workforce Development Pipeline

- > Comprehensive Education Pathway
- > Transparent Curriculum Access
- > Region-Oriented Workforce Training

Investor-Friendly City & Industrial Expansion

- > Strategic Industrial Zone
- > Modern Infrastructure Upgrades
- > Future-Ready Transport Connectivity

Integration with Funding & Innovation Programmes

- > EKÖP Excellence Scholarships
- > Aligned with National Innovation Schemes
- > Co-financed Research Pathways



We work in close collaboration with the Nyíregyháza Industrial Park. We carry out our work in professional collaboration with the Nyíregyháza Vocational Training Center.



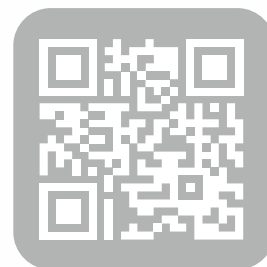
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