ACADEMIC AND RESEARCH OPPORTUNITIES IN HUNGARY
THE NOBEL PRIZE IN PHYSIOLOGY OR MEDICINE 2023

Interview with Katalin Karikó
THE NOBEL PRIZE IN PHYSICS 2023

Interview with Ferenc Krausz
POPULATION: 10 MILLION
LANGUAGE: HUNGARIAN

290,000 STUDENTS
30% INTERNATIONAL

PART OF THE EUROPEAN UNION
AFFORDABLE LIVING COSTS

NO VISA REQUIRED FOR BRAZILIANS TO ENTER HUNGARY

1 BRL = 72 Hungarian forint
LANGUAGE OF STUDY PROGRAMMES OFFERED FOR INTERNATIONAL STUDENTS

- **English**: 85%
- **German**: 13%
- **Italian, French, Russian, Spanish, Chinese, etc.**: 2%

*Image of a cityscape with a bridge and two cartoon characters dressed in traditional clothing.*
STRUCTURE OF THE HUNGARIAN HIGHER EDUCATION

- Postgraduate Specialist Training Course: 1-2 years
- Higher-level Vocational Training: 2 years
- Doctorate Course (PHD/DLA): 2+2 years
- Master’s Degree: 1-2 years
- Undivided Master’s Degree Programmes: 5-6 years

Bachelor’s Degree: 3-4 years
According to Hungarian law a student is entitled to have either a **full-time (8 hours)** or a **part-time job (4 or 6 hours)**, however scholarship contracts may control the conditions under which a student can work.

The minimum wage for **unskilled work for 8 hours per day** is around 430 EUR while the salary is approximately 560 EUR for **skilled jobs**.
The Programme was launched in 2013 by the Hungarian Government and aims to support international students conducting studies in Hungarian higher education institutions. The Hungarian coordinating agency is Tempus Public Foundation, the Brazilian partner is CAPES, MEC.
SH SCHOLARSHIP

APPLICATION FOR NEXT CALL OPENS IN NOVEMBER 2023

31 Hungarian universities offering scholarships for undergraduate, graduate and doctoral studies

More than 550 full degree and part-time programs in English

Over 90 sending countries in 5 continents

More than 9000 scholarship holders in Hungary
SCHOLARSHIP ALLOWANCES

TUITION-FREE EDUCATION

MONTHLY STIPEND ACCORDING TO LEGISLATION

- Bachelor/Master: HUF 43 700 (~800 BRL) / month
- Doctoral: HUF 140 000 (~2500 BRL) for the first 4 semesters of education and HUF 180 000 (~3300 BRL) for the second 4 semester

ACCOMMODATION

- In dormitory or
- contribution of HUF 40 000 (~750 BRL) / month

MEDICAL INSURANCE

STUDENT SERVICES

- intercultural assistance
- mentoring system
- alumni system
**Available Scholarship Types for Brazilian Applicants**

**Full degree bachelor studies:**
Agriculture, Engineering, Natural Sciences, Sport, Social Sciences, Arts

**Full degree master studies:**
Agriculture, Engineering, Natural Sciences, Sport, Social Sciences, Arts

**Full degree doctoral studies:**
In any field of interest

**Partial studies:** Levels and fields of study as specified above

**Priority will be given to applicants applying for the following institutions:**
- Budapest University of Technology and Economics
- University of Debrecen
- Eötvös Lorand University
- Óbuda University
- Szent István University
- Corvinus University of Budapest
- University of Pécs
- Semmelweis Medical University
- University of Miskolc
- University of Szeged
- Hungarian University of Fine Arts
- MFA Balassi Institute
Study Finder

Search by keywords:
- mechanical engineering

Institution
- All institutions

Level of studies
- All levels

Study Field/Branch of Science
- All Branch of sciences

Programme
- All programmes

Language of instruction
- All languages

Location
- All locations

Stipendium Hungaricum Scholarship Programme
- Available

Diaspora Scholarship Programme
- All programmes

State Scholarships

38 results:

**Biomedical Engineering**
University of Pécs
Master
Language: English, Location: Pécs
Faculty: Faculty of Engineering and Information Technology, Duration: 4 semesters

**Chemical Engineering**
University of Debrecen
Master
Language: English, Location: Debrecen
Faculty: Faculty of Science and Technology, Duration: 4 semesters

**Computer Science**
Szechenyi Istvan University
Master
Language: English, Location: Győr
Faculty: Faculty of Mechanical Engineering, Informatics and Electrical Engineering, Duration: 4 semesters

**Computer Science Engineering**
University of Miskolc
Master
Language: English, Location: Miskolc
Faculty: Faculty of Mechanical Engineering and Informatics, Duration: 4 semesters

**Computer Science Engineering**
Szechenyi Istvan University
Master
Language: English, Location: Győr
JANUARY
Submitting application for Tempus Public Foundation and CAPES (MEC)

FEBRUARY
Technical check and nomination from CAPES

MARCH–MAY
University admission procedure

MIDDLE/END OF JUNE
Notification about the results

JUNE–JULY
Preparing for the journey (passport!)

UNTIL 30 SEPTEMBER
Arrival to Hungary
RESEARCH IN HUNGARY
Five key themes of strategic importance have been identified to advance HUN-REN’s mission and support the achievement of its goals. These themes correspond to the major research directions of the HUN-REN research sites and align with the priority areas of the EU’s Horizon Europe research and innovation program.

**Digitalization**
Mathematics, physics, chemistry, computer science, IT, quantum technology, automatization, digitalization.

Read more ›

**Energy**
The research fields of material structure, energy, space research, nanotechnology.

Read more ›

**Health**
Fields of pharmaceutical research, molecular biology, microbiology, neurobiology, psychology.

Read more ›

**Environment and Safety**
Fields of environment, climate change, ecology, agriculture, food safety.

Read more ›

**Human Resources**
Fields of society, economy, history, archaeology, humanities and language.

Read more ›
Fields of Operation

Safety and Security

Healthy Living

Digital Transformation of Economy and Society

Green Transition
• Hungarian Centre of Excellence for Molecular Medicine Teaming National Laboratory
• Molecular Fingerprinting National Laboratory
• National Cardiovascular Laboratory
• National Laboratory for Health Security
• National Laboratory for Infectious Animal Diseases, Antimicrobial Resistance, Veterinary Public Health and Food Chain Safety
• National Laboratory of Biotechnology
• National Laboratory of Human Reproduction
• National Laboratory of Pharmaceutical Research and Development
• National Laboratory of Translational Neuroscience
• National Laboratory of Virology
• National Tumor Biology Laboratory
Infocommunications and Information Technology National Laboratory (InfoLab)
National Laboratory for Cooperative Technologies

Artificial Intelligence National Laboratory
Extreme Light Infrastructure (ELI) National Laboratory
National Laboratory for Autonomous Systems
National Laboratory for Digital Heritage
National Laboratory for Social Innovation
Quantum Information National Laboratory
Agribiotechnology and precision breeding for food security National Laboratory
Agrotechnology National Laboratory
National Laboratory for Renewable Energy
National Laboratory for Water Science and Water Security
National Laser-Initiated Transmutation Laboratory
Multidisciplinary Laboratory for Climate Change
National Research Laboratory for Nanoplasmonic Laser Fusion
ZALAZONE: HUNGARY’S MOST ADVANCED APPLIED RESEARCH AND EXPERIMENTAL DEVELOPMENT INFRASTRUCTURE INVESTMENT

Unique vehicle testing facility for autonomous and electric vehicles and extended Central-European testing zone
**ZALAZONE TEST TRACK**

Strong scientific community for autonomous vehicle technology research and education

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**CLOSE COOPERATION**

- International industrial partners
- Academic background
- Hungarian Government

**EDUCATION AND RDI**

- Autonomous vehicle researches
- Training programs with academic and industrial partners

**SERVICES**

- Dynamical tests
- Technical services (e.g., engineering support)
- Other (e.g., authority office, accommodation, logistics)

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Logos of various partners:
- Knorr-Bremse
- Bosch
- Continental
- Amotive
- Evopro
- Commsignia
- AVL
- Thyssenkrupp
- TÜV Rheinland
- National Instruments
ELI Attosecond Light Pulse Source (ELI-ALPS) is the first infrastructure in the world capable of investigating the interactions between light and matter with a highest ever intensity.
ELI: CALLS & INTERNSHIPS FOR INTERNATIONAL RESEARCHERS

- THz technologies and applications
- Information technology, materials science and nanoscience
- Biological imaging technologies
- Medical applications
- Energy research and high energy photonics
- Attosecond instruments
JOINT CALL FOR R&D COOPERATION

- **Coordination:** National Research, Development and Innovation Office (NRDIO), Empresa Brasileira de Pesquisa e Inovação Industrial (Embrapii)
- **Objective:** developing innovative processes, products, technology (not basic research)
- **Priority areas:** water management, energy efficiency, smart cities, ICT, agrotechnology (but open for all areas)
- **Potential participants:** academic and research sphere + companies and industry both from Hungary and Brazil

- **Matchmaking event:** first semester of 2024
- **Start of application period:** May 2024
- **Start of projects:** December 2024
One Day
Budapest
by Ismael and Sarah
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