



# HUNGARIAN UNIVERSITY OF SPORTS SCIENCE

BUDAPEST



# UNITING MIND, STRENGTH AND MORALS

Máté Koch  
Olympic champion (2024)  
World champion (2023)  
Student at HUSS  
(photo: Sándor Csudai)

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Website: [international.tf.hu](https://international.tf.hu)



# PRESIDENT'S WELCOME



Hungary is a true sporting nation, just look at our achievements at the Olympic Games. It is important to emphasize that the university is one of the most significant institutions of Hungarian sport and sports science. We train physical education teachers, coaches, and sports professionals. The strength of our university, with its 100-year history, is reflected in the fact that both domestic and international sports professionals and researchers with outstanding knowledge and achievements have studied and continue to study at HUSS.

I have been studying, teaching and working at the Hungarian University of Sports Science (HUSS) for more than fifty years. When I was the rector of the university, we initiated the infrastructural development of the campus. We succeeded in renewing the academic structure of the institution alongside the constantly developing infrastructure. Now, we are working to make HUSS an even more dominant player in sports science in Europe.

My own personal career might also be a good recommendation, because while I am the most successful Hungarian coach in handball, which is a very popular sport in Hungary and in Europe, I have also achieved great results with several clubs in Germany. The Hungarian knowledge gained at HUSS has also brought the expected results in the Bundesliga. I can say everyone is very welcome to learn at HUSS.

**Prof Dr. h. c. Lajos Mocsai**

*President of the Board of Trustees of the University Foundation*

# RECTOR'S WELCOME



Founded in 1925, the former College of Physical Education, now operating under the name of Hungarian University of Sports Science (HUSS), plans to celebrate its 100th anniversary in 2025. In addition to celebrating the centenary, it is an important task to prepare for the next hundred years of success and sporting achievements in Hungary. The primary aim is to make

the university's campus the leading sports knowledge center in Central Europe, equipped with state-of-the-art facilities and the latest scientific technologies to support professional work in the fields of physical education, high performance, leisure and disability sports.

Sport is deeply rooted in the very identity of the Hungarian people, with Hungary having won a total of 190 Olympic gold medals across 23 Summer Olympic Games. It is important to note that behind almost every outstanding Hungarian sport performance there is HUSS knowledge and expertise.

In order to become a knowledge center for both elite and leisure sports over the next hundred years, collaborative thinking is required. This is why students and researchers from both Hungary and abroad are welcome on our beloved campus, which is home to several important sports organizations, including the Hungarian Olympic Committee and the Hungarian University Sports Federation.

We are proud to say that the HUSS campus is the innovation hub of Hungarian sports science. We invite everyone to join our team.

**Prof Dr. Tamás Sterbenz**

*Rector of the Hungarian University of Sports Science*



# **BUDAPEST**

A CITY OF CULTURE,  
SAFETY, ACADEMICS,  
AND INNOVATION





## SAFETY & QUALITY OF LIFE

Budapest, the Pearl of the Danube, is one of Europe's safest cities. It offers a high quality of life with affordable living costs, ideal for international students and academics. The city's well-maintained public spaces and low crime rate create a secure environment for exploring and studying. The city has an extensive network of trams, buses, and metros, which are regularly patrolled by security personnel.

## ACADEMICS & INNOVATION

Budapest hosts numerous higher education institutions and has a rich history of scientific achievement, with 15 Nobel Prize winners. The city offers ample opportunities for research, collaboration, and international partnerships, fostering educational excellence and innovation. Notable Hungarian inventions include the ballpoint pen, binoculars, and the Rubik's Cube.



## SPA CULTURE

Hungary's 2,000-year-old thermal bath culture is essential to its identity. Budapest boasts over one hundred thermal springs, with historic spas like Széchenyi and Gellért attracting visitors worldwide, offering a perfect way to unwind between classes and exams.



## DINING

Hungary offers a diverse culinary scene with traditional dishes like goulash and lángos, alongside Michelin-starred restaurants. Budapest's café culture, dating back to the 19th century, creates the perfect atmosphere for leisure and business meetings.



## ARCHITECTURE AND HISTORY

Budapest is rich in history and stunning architecture, reflecting centuries of heritage. Landmarks like the Parliament Building, Buda Castle, and Fisherman's Bastion provide a fascinating glimpse into the past.



## A COOL, MODERN CITY

Budapest's strategic location in Central Europe and skilled workforce make it a growing business and innovation hub, attracting international companies, startups, and research collaborations.



## VIBRANT NIGHTLIFE & CULTURE

From iconic ruin pubs to world-class theatres and museums, Budapest is a cultural treasure trove. The city's vibrant nightlife and rich cultural scene inspire creativity and collaboration.



















# HUNGARY AND SPORTS

With only 9.59 million people, Hungary ranks among the top 10 in all-time Olympic gold medal count — proof of a deep sporting tradition and national excellence. **From 1896 Athens to 2024 Paris**, Hungarian athletes have won 190 gold, 165 silver and 189 bronze medals, excelling in fencing, swimming, canoeing, modern pentathlon and water polo.









HUNGARY'S SUMMER OLYMPIC MEDALS BY SPORT DISCIPLINES  
BETWEEN 1896 ATHENS AND 2024 PARIS OLYMPIC GAMES

Sport	Gold	Silver	Bronze	All medals
 Fencing	39	25	29	93
 Swimming	32	28	21	81
 Canoeing	28	35	30	93
 Wrestling	20	17	19	56
 Gymnastics	15	11	14	40
 Athletics	10	13	18	41
 Modern pentathlon	10	8	6	24
 Boxing	10	2	8	20
 Water polo	9	3	5	17
 Shooting	7	3	8	18
 Football	3	1	1	5
 Weightlifting	2	9	9	20
 Judo	1	3	6	10
 Taekwondo	1	0	0	1

2024 PARIS OLYMPIC  
GAMES MEDAL TALLY

Rank	Country	Gold medals
1	USA 	40 (population 345 M)
2	China 	40 (population 1.4 bn)
3	Japan 	20 (population 125 M)
14	Hungary 	6 (population 9.59 M)

OLYMPIC MEDAL TABLE OF  
HUSS ALUMNI AND CURRENT  
STUDENTS, 1925-2025



Krisztián Rabb (on the right)  
Olympic silver medalist (2024)  
World Championship silver (2025)  
2x European champion (2025, 2024)  
HUSS alumnus  
(photo: Hungarian Olympic Committee)





# BUDAPEST AND SPORTS

As the capital of Hungary, Budapest is not only a cultural and commercial center, but also a leading city for international sport. From world championships to Olympic qualifying events, it has become a reliable host for major competitions across disciplines.





HUSS Campus Sports Center

## MAJOR SPORTING EVENTS HOSTED IN BUDAPEST:

**HUSS Campus –  
Dr. Koltai Jenő Sports Center**



2023 World Athletics Championships –  
Training Venue  
2024 Functional Fitness World  
Championships

**László Papp Budapest  
Sports Arena**



2023 World Karate Championships  
2025 World Judo Championships

**Puskás Arena**



2020 UEFA Euro Championships  
2026 UEFA Champions League final

**National Athletics Centre**



2023 World Athletics Championships

**MVM Dome**



2022 European Men's Handball Championship  
2022 – present: Final Four of the Women's  
EHF Champions League

**Danube Arena**



2017, 2022, 2027 (scheduled)  
World Aquatics Championships





# UNIVERSITY HIGHLIGHTS





# FACTS & FIGURES

**DOCTORAL SCHOOL:**  
THE ONLY DOCTORAL SCHOOL  
IN SPORT SCIENCES IN HUNGARY

**ESTABLISHED:**  
**1925**

**CAMPUS FACILITIES:**

- STATE-OF-THE-ART SPORT FACILITIES AND RESEARCH LABORATORIES
- OFFICIAL TRAINING CENTER OF INTERNATIONAL OLYMPIC COMMITTEE, INTERNATIONAL FENCING FEDERATION (FIE) AND INTERNATIONAL CANOE FEDERATION (ICF)

**OLYMPIC ACHIEVEMENTS:**

**151** GOLD MEDALS  
BY HUSS ALUMNI  
AND CURRENT STUDENTS

**Number of  
STUDENTS:**  
**3,500+**

**STUDENT TO FACULTY  
RATIO:**

**17 : 1**

## INTERNATIONAL PARTNERSHIPS:

**70** ERASMUS+ and PANNÓNIA PROGRAM

partnerships across **25** countries

**36** bilateral agreements with **17** countries

## PROGRAMS FOR INTERNATIONAL STUDENTS 3 BACHELOR'S AND 2 MASTER'S DEGREE PROGRAMS:

BSC SPORTS COACHING  
BSC SPORT AND EXERCISE SCIENCE  
BSC SPORTS MANAGEMENT  
MSC SPORTS COACHING  
MA INTERNATIONAL SPORTS DIPLOMACY





As a center of excellence in sport science, the Hungarian University of Sports Science (HUSS) is recognised for its innovation, academic leadership, and global engagement. From Olympic honors to international forums, HUSS continues to shape the future of sport and education.

## GLOBAL RECOGNITION

- **World Leisure Organization Member and Center of Excellence since 2024:** Expanding global cooperation in sport and leisure research.
- **FISU Healthy Campus Platinum Certification:** Acknowledged for promoting health, well-being, and sustainability.
- **European Olympic Laurel Award (2025):** Awarded in honor of HUSS's centenary and its contribution to Olympic values and education.
- **International Fair Play Award 2025:** HUSS received the Willi Daume Award



## FLAGSHIP EVENTS & CONFERENCES

- **EASM 2025 – European Association for Sport Management:** Hosting leading international experts in sport business and policy.
- **International Student Scientific Conference (2024):** Empowering the next generation of sport science researchers.
- **Sport and Innovation Conference (Annual):** Connecting academia, industry, and elite sport.
- **Biomechanics in Sport and Aging Symposium (Annual):** Focused on injury prevention and rehabilitation in sport and aging.



Scott K. Powers,  
Ph.D., Ed.D and  
Prof. Dr. Zsolt Radák  
of HUSS

## ACADEMIC CONTRIBUTION

- **SPRINT – Sport Research International:** a peer-reviewed publication, co-edited by Prof. Dr. Ákos Koller, showcasing forward-thinking research in sport science.



## SUMMER SCHOOLS

- The university offers an International Summer School program focusing on cutting-edge topics in exercise physiology, such as skeletal muscle aging, mitochondrial adaptation, epigenetics, VO<sub>2</sub>max, and oxidative stress.
- Led by world-renowned researchers and open to international participants.
- Special emphasis is put on developing successful research grant proposals and fostering global academic collaboration.





# **INTERNATIONAL RELATIONS**





**The Hungarian University of Sports Science (HUSS)** is dedicated to fostering international collaboration and promoting excellence in sports education, research, and innovation. At the heart of our global engagement efforts is the **International Relations Center (IRC)**, which plays a strategic role in expanding HUSS's international presence and influence.

The IRC facilitates a broad range of initiatives, including mobility programs, institutional partnerships, joint academic and training projects, and alumni relations. Beyond these core functions, the IRC is also responsible for enhancing the **international visibility and brand awareness** of HUSS, ensuring the university is recognized as a leading institution in sports science on the global stage.

In collaboration with prominent international stakeholders such as the **International Olympic Committee (IOC)** and various **International Federations**, the IRC coordinates high-impact joint projects that contribute to global sports development and policy. These partnerships not only strengthen our academic offerings but also reinforce HUSS's role in shaping the future of international sport.

## GLOBAL REACH AND PARTNERSHIPS

Our growing international network is a testament to our commitment to building lasting, meaningful relationships across continents. As of 2025 HUSS maintains:

- **70+ ERASMUS+ AND PANNÓNIA PROGRAM PARTNERSHIPS IN 25 COUNTRIES**
- **36 BILATERAL AGREEMENTS WITH INSTITUTIONS IN 17 COUNTRIES**
- **IN 2025: 274 INTERNATIONAL STUDENTS FROM 47 COUNTRIES AND 6 CONTINENTS**
- **ALUMNI FROM 80+ COUNTRIES**

These collaborations provide invaluable opportunities for **academic exchange**, **intercultural dialogue**, and **professional development** for our students, faculty, staff and researchers.

By participating in international programs and joint initiatives, our community contributes to and benefits from a rich, diverse, and globally engaged academic environment.

At HUSS, internationalization is not just a strategic priority—it is a core value that shapes our identity and future.

**100+ GLOBAL PARTNERS ON 6 CONTINENTS**







## GLOBAL PARTNERS

Located in Budapest – a city that hosts the headquarters of major international sports federations such as **World Aquatics (AQUA)**, the **International Canoe Federation (ICF)**, the **International Judo Federation (IJF)** – HUSS sits at the heart of global sports governance and activity. As Central Europe’s premier hub for sports education and research, HUSS enjoys close partnerships with these federations as well as the Hungarian Olympic Committee. These ties offer students exclusive advantages: elite training platforms, internships with global federations, access to high-performance environments, and participation in leadership programs. Our network extends further: HUSS collaborates with leading academic institutions around the world, including numerous universities ranked within the **Top 500 globally**. These partnerships fuel dynamic student exchanges, joint research projects, and shared endeavors in cutting-edge fields like biomechanics, exercise epigenetics, and anti-doping science. At HUSS, champions and scholars converge – training, competing, teaching, and innovating together. With global federations at our doorstep and elite university connections across continents, we are committed to academic excellence and international leadership in sport.



## FEATURED PARTNER UNIVERSITIES







# **HUSS CAMPUS: TRADITION MEETS INNOVATION**

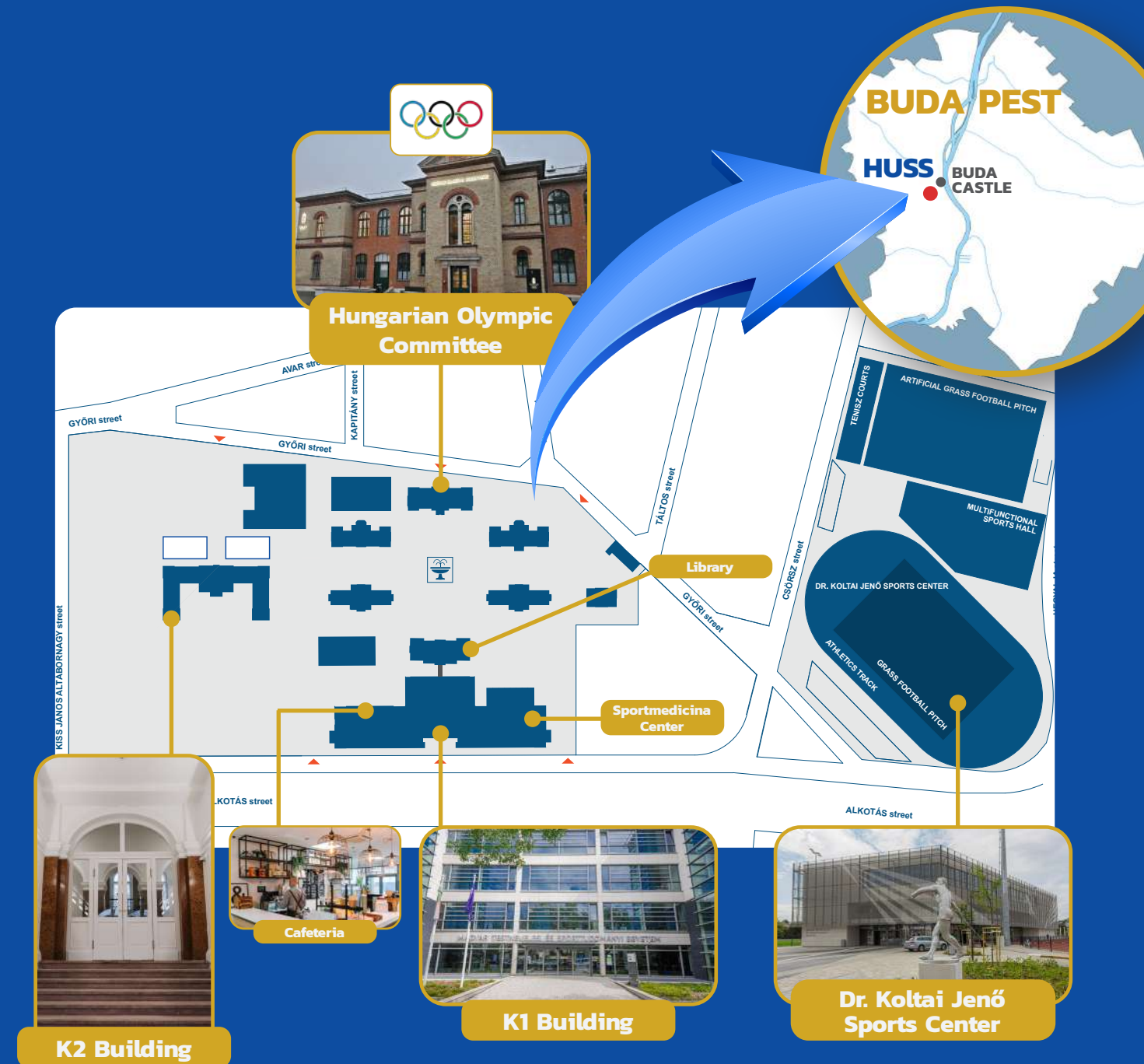


The Hungarian University of Sports Science (HUSS) offers a unique campus experience where nearly a century of tradition blends with modern excellence. From Olympic-level training venues to cutting-edge laboratories, HUSS provides the physical and intellectual environment needed for high performance in sport, education, and research.

## KEY CAMPUS HIGHLIGHTS

- **K1 Building:** The administrative and academic heart of the university.
- **K2 Building:** A historic landmark and the symbolic home of HUSS's 100-year legacy.
- **Dr. Koltai Jenő Sports Center:** A premier venue with a fully equipped gym and versatile training space, used during the 2023 World Athletics Championships.
- **Hungarian Olympic Committee HQ:** Located on campus, reflecting close cooperation with national sport leadership.
- **Library:** A well-equipped academic center offering print and digital research resources.
- **Laboratories:** Four advanced research labs supporting innovation in sport sciences.
- **Sportmedicina Center:** A unique on-site facility for medical diagnostics, therapy, and rehabilitation — open to the public.
- **Cafeteria:** Healthy campus dining options approved by HUSS nutritionists.
- **Green Spaces:** Outdoor areas for recreation, rest, and informal learning.

At HUSS, the campus is more than a place — it's a community where sport, science, and culture meet.





# PROGRAMS



## DEGREE PROGRAMS

At the Hungarian University of Sports Science, we shape future leaders in sport, science, education and sport diplomacy. Our degree programs combine tradition, innovation, and hands-on experience — designed for those who want to make a real impact in the world of sport.

## PROGRAMS IN ENGLISH

### 3 Bachelor's

- BSc in Sports Coaching
- BSc in Sport and Exercise Science
- BSc in Sports Management

### 2 Master's

- MSc in Sports Coaching (full-time and part-time option)
- MA in International Sports Diplomacy (full-time and part-time option)

## PROGRAMS IN HUNGARIAN

3

Bachelor's

8

Master's

1

One-tier  
master's  
program

11

Postgraduate  
specialization  
programs

4

Short-cycle  
certificate  
level programs



## International Coaching Course 2025 Spring Semester

Graduates of Football Sport Specification



## SHORT COURSES

HUSS plays a strategic role in international coach education, delivering high-impact programs in collaboration with leading global sports federations. These courses reflect our long-standing commitment to elite training and knowledge transferring on a global scale.

### INTERNATIONAL COACHING COURSE (ICC)

The oldest IOC-endorsed training program in Europe, the ICC has been hosted at HUSS since 1971. As one of only four centers worldwide supported by Olympic Solidarity, it serves as a model of international cooperation in coach development.



### SPRINT CANOEING – ONLINE LEVEL 3 COACHING COURSE

Developed with the International Canoe Federation (ICF), this online course brings high-level training to a global audience.



### FENCING – INTENSIVE INTERNATIONAL COACHING COURSE

In partnership with the International Fencing Federation (FIE), this program delivers world-class methodology to the next generation of fencing coaches.





Doctorate of  
Philosophy

Knowledge

PhD

Research

Doctor  
program

Funding

Degree

Excellence

**SCHOOL OF  
DOCTORAL  
STUDIES**



## ADVANCED RESEARCH IN SPORTS SCIENCE

The School of Doctoral Studies at the Hungarian University of Sports Science (HUSS) is Hungary's leading institution for cutting-edge research in sport sciences. We focus on high-quality research to enhance the understanding of human performance, health, and the social aspects of sport.



## RESEARCH FOCUS & EXPERTISE

### Human Performance & Adaptation

Examining physiological, biochemical and biomechanical responses to training and competition.

### Exercise, Metabolism & Health

Studying the impact of physical activity on disease prevention and overall well-being.

### Sport & Society

Investigating the role of sports in social integration and youth development, focusing on sport sociology, sport psychology, sport pedagogy, sports and recreation management, and policymaking.

### CUTTING-EDGE FACILITIES:

HUSS's state-of-the-art laboratories make it possible to conduct innovative research that bridges theory and applied sport sciences.

### GLOBAL SCIENTIFIC COLLABORATION:

The supervisors of the Doctoral School are involved in numerous international research projects. They work closely with global research institutions and offer doctoral students opportunities for joint studies, international conferences, and multidisciplinary projects. The Erasmus and Pannonia Programs also support knowledge exchange and international networking.

### SCIENTIFIC JOURNEY IN THE DOCTORAL PROGRAM:

The Doctoral School offers a four-year scientific program that teaches modern theories and research methods. Students carry out advanced research and are supported in publishing their work in respected scientific journals, leading to high-quality dissertations.

At HUSS, research is one of our top priorities. We invite dedicated scholars to join us in advancing sport sciences through evidence-based exploration and discovery.



## HEAD OF THE DOCTORAL SCHOOL: PROF. DR. ZSOLT RADÁK

Prof. Dr. Zsolt Radák is **among the top 2%** of the most cited scientists in the world. He is known for his research on oxidative stress, hormesis, aging related to DNA methylation, and how the body adapts to exercise on a molecular level.

He has published more than **250 peer-reviewed articles and book chapters** and has given over 150 presentations at international and national conferences. His recent research focuses on how exercise changes the body at the genetic level, especially in older adults.

### HIS PUBLICATIONS INCLUDE:

Slowed epigenetic aging in Olympic champions compared to non-champions

Systemic adaptation to oxidative challenge induced by regular exercise

Physical fitness and lifestyles associated with biological aging

The effects of exercise training on brain function

DNAmFitAge: biological age indicator incorporating physical fitness







# **INSTITUTES AND RESEARCH FACILITIES**





## INSTITUTE FOR SPORTS AND HEALTH SCIENCES

The Hungarian University of Sports Science is home to dynamic and diverse scientific work, covering both basic and applied research. The Institute for Sports and Health Sciences plays a key role in this effort, offering core science courses in anatomy, physiology, biochemistry, and health sciences. Its research focuses on major topics in sport and health.



### KEY RESEARCH AREAS:

#### Exercise Adaptation

How the body's metabolism, heart, and genes respond to training.

#### Aging and Performance

How age and exercise affect body composition and performance.

#### Movement Science

Supporting injury prevention, rehabilitation, and healthy aging.

#### Sports Nutrition and Medicine

Studying how supplements and diet affect athletic performance.

## TEACHER TRAINING INSTITUTE

This institute prepares future Master's-level Physical Education (PE) and Adapted PE teachers, combining teaching practice with innovative research. Its work focuses on improving physical education in schools and promoting student well-being through sport.

### KEY RESEARCH AREAS:

#### Pedagogical Innovation

Using modern teaching approaches like non-linear pedagogy to make PE more effective and inclusive.

#### Motivation and Learning

Studying how physical activity can support academic success and student motivation.

#### Bullying and Abuse Prevention

Exploring how legal and educational strategies can help prevent harm and create safer learning environments.





## INSTITUTE OF SPORTS

This institute focuses on applied research in major sport disciplines, including football, basketball, and swimming. Its work supports both elite performance and community sport through evidence-based methods.



### KEY AREAS OF FOCUS:

#### Performance Testing

Assessing athletes and teams of different levels and sports.

#### Athletic Development

Enhancing performance in key areas such as speed, power, and agility.

#### Recreational Sport

Promoting physical activity for health and long-term well-being.

## INSTITUTE OF ECONOMICS AND SOCIAL SCIENCES

IESS explores how economic, legal, and social frameworks influence sport systems and policy.

Its interdisciplinary research supports more ethical, effective, and inclusive sport governance.

### KEY RESEARCH TOPICS:

#### Sport Management & Competition

Examining the structure and operation of sport organisations

#### Sport Law & Human Rights

Investigating legal issues, including child protection and ethical responsibility in sport.

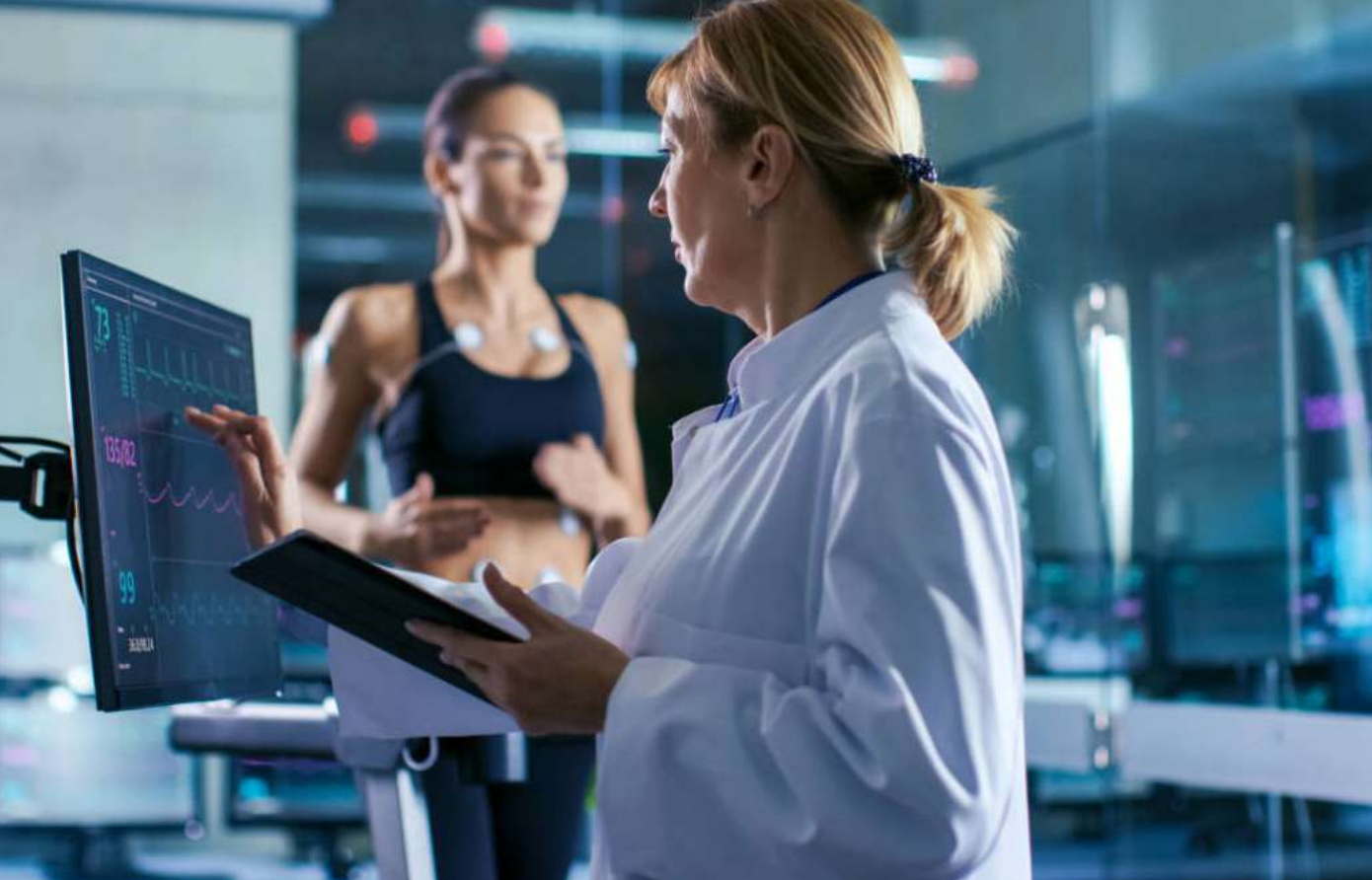
#### Social Return on Investment of Sport Expenditures

#### Strategic and Practical Decision Making

#### Psychological Effects of Physical Activity







## RESEARCH CENTER FOR MOLECULAR EXERCISE SCIENCE (RCMES)

Based on the number of publications and citations, the RCMES is the most active research unit in Hungary and Central Europe. The RCMES is also highly active in international research, hosting PhD and post-doctoral fellows, as well as visiting researchers from Japan, China, Iran, Poland, Brazil, Austria, the Netherlands, Belgium, and Kenya. The current research areas of this Center include human and animal studies focusing on epigenetics, aging, reactive oxygen species, microbiome, and the exercise-induced molecular signalling of brain function.

## INNOVATIVE RESEARCH HIGHLIGHTS

### Cutting-Edge Research

More than 200 papers from the Research Center members are available in PubMed, demonstrating the power of original research ideas. RCMES is one of the very few laboratories in the world that studies the systemic adaptation of exercise training.

We recently developed DNAmFitAge, the first DNA methylation-based aging clock that includes physiological function-associated genes. This clock is already used by the American TrueGenetics company to assess biological aging.

### International Collaboration

Because science is international, the Research Center has a significant research network, with more than 150 joint papers with foreign collaborators. We regularly send our members to international labs and welcome researchers from across the world.

## RESEARCH IMPACT

RCMES is dedicated to high-quality research:

- Publishing **12-22 papers** every year, earning **50-100 impact factors**.
- Training **6-8 doctoral** students and **2-3 post-doctoral** fellows.
- Transfers scientific results and knowledge to citizens, helping them to adopt healthy lifestyle habits.







## ANALYTICAL LABORATORY: EXCELLENCE IN DOPING RESEARCH

The Center for Sports Nutrition Science Analytical Laboratory of the Hungarian University of Sports Science holds EN ISO/IEC 17025:2018 accreditation, making it a recognized leader in doping testing of products intended for athletes in Central and Eastern Europe. The laboratory specializes in analyzing dietary supplements, cosmetics, and patches, limiting the possibility of unintentional doping.

## INNOVATIVE RESEARCH HIGHLIGHTS

### Cutting-Edge Detection Methods

The laboratory has developed advanced analytical techniques to identify prohibited substances at trace levels, leveraging state-of-the-art chromatography and mass spectrometry technologies. This ensures unmatched precision and reliability in detecting even the most sophisticated doping agents.

### Risk Assessment in Dietary Supplements

Through a comprehensive analysis of sports supplements, the laboratory has identified contamination trends, aiding manufacturers in improving product safety and reducing inadvertent doping risks for athletes.

## PRACTICAL IMPACT

The laboratory's work significantly enhances the safety and integrity of sports by:

- Supporting athletes in making well-founded decisions about supplement use
- Contributing to the development of cleaner, safer products for the sports industry
- Establishing robust standards for dietary supplement analysis across the region

**These achievements not only elevate the quality of sports science but also reinforce fair play in competitive sports and athletes' safety.**



## SPORTMEDICINA CENTER

The Sportmedicina Center at HUSS Campus is dedicated to ensuring that athletes fully recover and return to their sport as quickly as possible.

### THE CENTER FOCUSES ON:

- **prevention and rehabilitation**
- **identifying movement dysfunctions**
- **hidden cardiovascular irregularities**
- **lifestyle habits that may increase risk of injury**

Early intervention and corrective measures help maintain long-term health and performance. For those who have sustained injuries, a team of specialized sports physicians and physiotherapists provide comprehensive treatment, guiding patients through the entire rehabilitation process until they are fully reintegrated into their sport. As a sport science institution, the center prioritizes the integration of the latest scientific advancements and innovations into its medical practice, enhancing both recovery outcomes and the competitive edge of Hungarian sports.



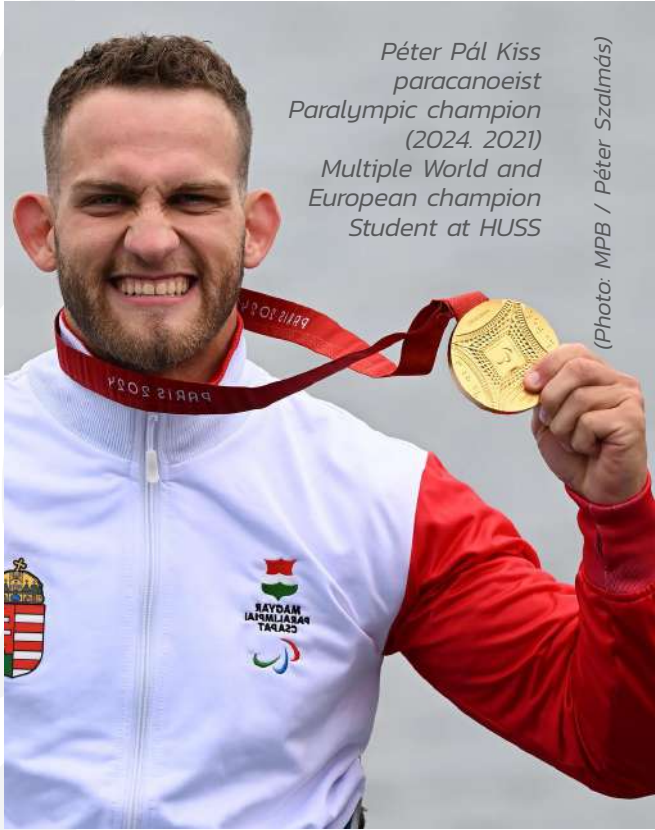
## WHERE TRADITION FUELS INNOVATION

Training theory has been a core discipline at the Hungarian University of Sports Science since 1963, when Professor László Nádori pioneered the subject under the title “Sport Theoretical Studies.” What began as a single course has grown into the **Training Theory and Methodology Research Center** — a national leader in bridging research and coaching practice.

### KEY CONTRIBUTIONS OF THE CENTER

- **Advancing Coaching Science**  
Translates the latest research into practical tools for coaches and athletes.
- **Integrating Theory and Practice**  
Tests and applies new training concepts across real-world sports settings.
- **Developing Coaching Talent**  
Supports both emerging and experienced professionals with scientifically grounded solutions.
- **Preserving Excellence**  
Builds on decades of Hungarian coaching tradition while preparing the next generation of sport professionals.

Whether through academic inquiry or hands-on application, the center ensures that coaching at all levels is informed, innovative, and impactful.



*Péter Pál Kiss  
paracanoeist  
Paralympic champion  
(2024, 2021)  
Multiple World and  
European champion  
Student at HUSS*

*(Photo: MPB / Péter Szalmás)*



# HALL OF FAME



- Two-time Olympic champion, multiple World champion sprint canoeist
- President of the Hungarian Olympic Committee
- **HUSS alumnus**

Zsolt **GYULAY**



- Two-time Paralympic champion, multiple World and three-time European champion in athletics
- **Lecturer at HUSS**

Luca **EKLER**



- Olympic silver, two-time World Championship silver and European Championship gold and bronze medalist
- Prominent former Hungarian and international handball player, coach, university professor and sports director.
- **Former rector of HUSS, President of the Board of Trustees of HUSS**

Prof. Dr. h. c. Lajos **MOCSAI**



- Coach with multiple Olympic and World Championship medals
- Former head coach of Hungary's water polo team
- **Senior lecturer at HUSS**

Dr. Dénes **KEMÉNY**



- National head coach of Hungary's swimming team
- Prominent figure in Hungarian swimming research
- **Professor at HUSS**

Prof. Dr. Csaba **SÓS**



- Olympic and World Championship medalist fencer
- Head coach of the men's national sabre team of Hungary
- **Senior lecturer at HUSS**

Zsolt **NEMCSIK**



- 2x Olympic gold, 1x Olympic bronze medalist, 3x World and 3x European champion in pommel horse
- Magyar Travel is named after him
- **HUSS alumnus**

Zoltán **MAGYAR**



- Olympic champion javelin thrower, coach
- Name-giver of the Németh javelin
- **Former Rector of HUSS**

Miklós **NÉMETH**



- Olympic champion, two-time World champion and multiple European champion swimmer
- **HUSS brand ambassador, HUSS alumna**

Ágnes **KOVÁCS, PhD**



- Olympic champion, multiple World and European champion pentathlete
- Secretary General of the Hungarian Olympic Committee
- **HUSS alumnus**

László **FÁBIÁN**



- Multiple Olympic and World boxing champion
- **HUSS alumnus**

István **KOVÁCS "KOKÓ"**



- Olympic silver medalist, World and European champion, Champions League winner as head coach
- **Former lecturer of HUSS**

Zoltán **KÁSÁS**



- NBA player, played 109 games for Chicago Bulls, Cleveland Cavaliers, Toronto Raptors, and Detroit Pistons
- EuroLeague silver medalist and national champion in Spain, Lithuania, and Hungary
- **HUSS alumnus**

Kornél **DÁVID**



- Motorcycle road racing world champion, winner of the 2007 125cc World Championship
- **HUSS alumnus**

Gábor **TALMÁCSI**



# HALL OF FAME



- Led the preparation of the Hungarian Athletics Federation's national throwers
- Served as the national team coach, and for several decades, he was also a member of the Executive Board of the World Athletics Coaches Association
- **Late Director of HUSS**

Dr. Jenő **KOLTAI**



- Former European record holder
- Olympic fourth-place discus thrower
- **Late senior lecturer of HUSS**

Dr. József **SZÉCSÉNYI**



- Legendary athletics coach, whose runners set 49 World and 35 European records
- **Late HUSS alumnus**

Mihály **IGLÓI**



- Nasmith Memorial Basketball Hall of Fame, Fiba Hall of Fame
- Creator of Hungarian basketball terminology
- **Late Director of HUSS**

Dr. Ferenc **HEPP**



- Master coach in gymnastics
- Key figure in the pommel horse discipline
- **Retired senior lecturer of HUSS**

László **VÍGH**



- Five-time Olympic champion, most successful Hungarian gymnast
- **Late senior lecturer of HUSS**

Ágnes **KELETI**



- Olympic gold and World Championship gold, silver and bronze medalist fencer
- Served as the ninth president of the International Olympic Committee from 2013 to 2025
- **Honorary doctor of HUSS**

Thomas **BACH**



- The "Father of Aerobics", a pioneering figure in preventive medicine and physical fitness
- His groundbreaking book, Aerobics, sparked a global fitness revolution.
- **Honorary doctor of HUSS**

Dr. Kenneth H. **COOPER**



- Belgian sports administrator, former athlete, and physician
- Served as the eighth president of the International Olympic Committee from 2001 to 2013
- **Honorary doctor of HUSS**

Jacques Jean Marie Count **ROGGE**



- Principal architect of the **Long Term Athlete Development (LTAD)** model
- Co-founder of Sport for Life
- Late HUSS alumnus
- **Honorary doctor of HUSS**

István **BALYI**



- Served as the seventh president of the International Olympic Committee from 1980 to 2001
- **Honorary doctor of HUSS**

Juan Antonio **SAMARANCH**



- 2x Olympic gold, 1x Olympic silver and 1x Olympic bronze medalist
- Current World Athletics President
- **Honorary doctor of HUSS**

Sebastian **COE**



**STUDENT LIFE AT HUSS:  
ACTIVE, INCLUSIVE,  
INSPIRING**

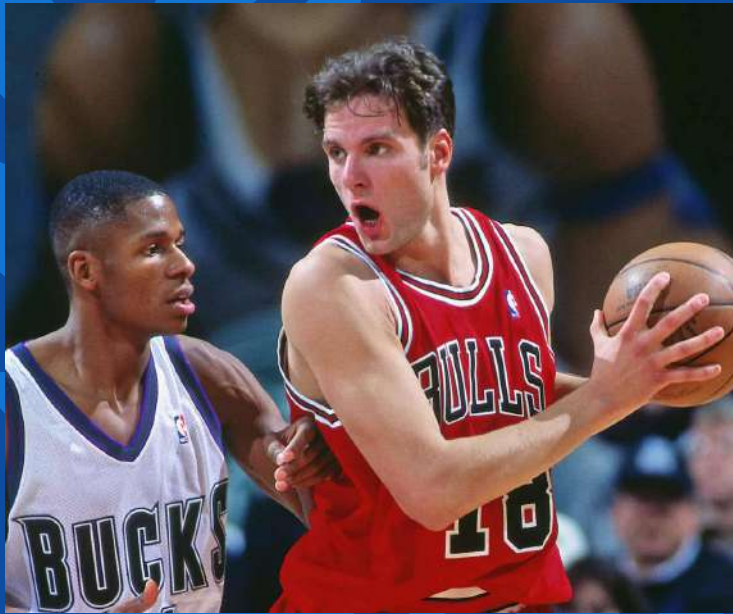
At HUSS, student life goes far beyond the classroom. It's a vibrant blend of academics, sport, culture, and community — shaped by a legacy of excellence and a commitment to health, inclusion, and active citizenship.



At HUSS, student life is about more than achievement — it's about belonging to a community where sport, learning, and personal growth come together.









## TFSE – A LEGACY OF EXCELLENCE

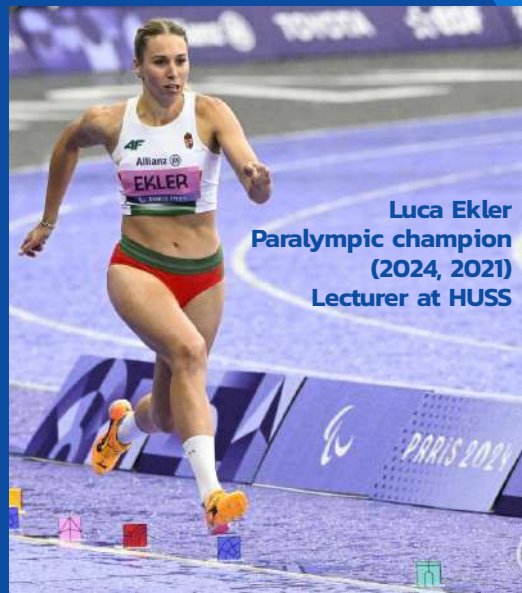
The university's sports club, TFSE, is one of Hungary's most successful multi-sport organizations, with a century-long tradition and an impressive medal collection.

### EUSA 2025, 3 gold medals

- Handball
- Volleyball
- Beach Handball

### 2025 FUSU, 1 bronze medal

- Men's Judo



**Luca Ekler**  
Paralympic champion  
(2024, 2021)  
Lecturer at HUSS



**Gergely Nerpel**  
FISU 2025 bronze medalist  
Student at HUSS





# TESTIMONIALS



World Athletics President  
Honorary doctor of HUSS

*"The Hungarian University of Sports Science understands the importance of teaching sport academically and it is also keeping up with the changes in the sports world. I am delighted to be part of this family."*

Sebastian **COE**



CEO of the Asia College of Exercise Medicine in Malaysia  
HUSS graduate, Honorary doctor of HUSS

*"I am grateful for everyone who helped to shape my academic career at HUSS. The Hungarian University of Sports Science is definitely the country's leading sports science institution."*

Prof. Lee Chee **PHENG**



Technical Advisor to the Cabinet Secretary, Ministry of Youth Affairs, Creative Economy and Sports of Kenya  
Former MSc in Sports Coaching student, current PhD student at HUSS

*"Studying at the Hungarian University of Sports Science is a remarkable choice for international students. It offers a diverse and inclusive environment, outstanding academic programs, and the opportunity to immerse oneself in a rich sporting culture that nurtures both intellectual growth and athletic development."*

Benard Ouma **ANYANGA**







# HUNGARIAN UNIVERSITY OF SPORTS SCIENCE

BUDAPEST

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