



John von
Neumann
University



Hello!
It's Neumann!

RSAI World Congress Kecskemét
08–12. April 2024



„Your university is striving for the same goals as my father, who was committed to the dissemination of science in the open environment, a goal he himself promoted in his academic career.”

Marina von Neumann

Why Kecskemét?

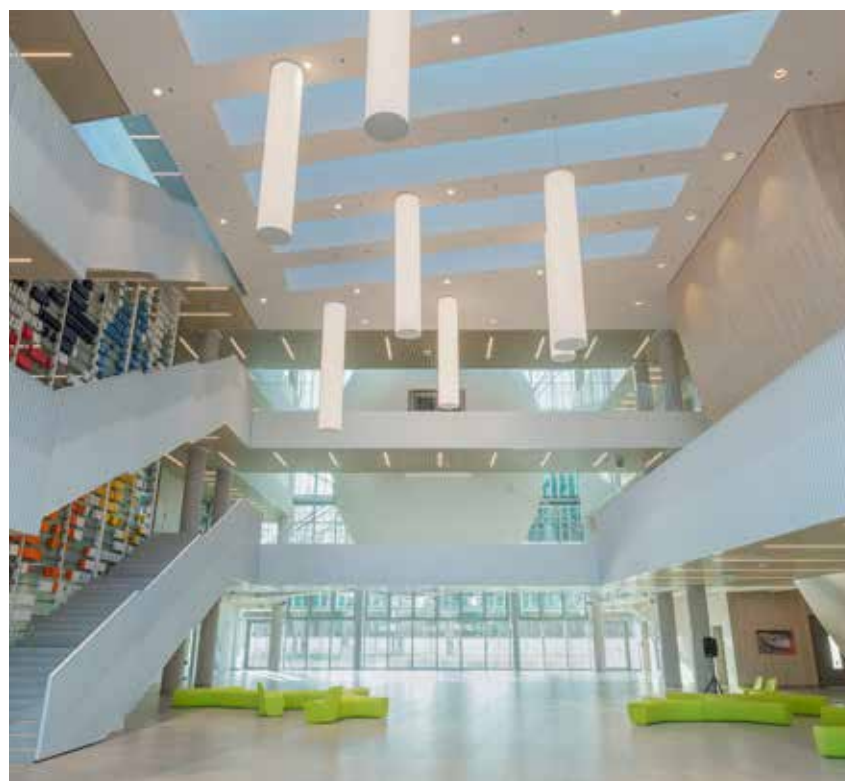
The real question is: 'Why wouldn't you choose Kecskemét?' Kecskemét is Hungary's eighth-largest city by population, and seventh largest by area. Having benefited from more than 800 billion Hungarian forints' worth of investment, Kecskemét offers a flourishing infrastructure and real estate market, a multinational corporate environment, a buzzing cultural life, festivals, more than a hundred restaurants, a municipal theatre, a spa, and pool complex, and of course, the University itself. We could go on and on, but we simply adore this lovely, liveable, and hospitable city, its beautiful main square with the holiday lights in winter, for instance.





Dr. habil Tamás Fülöp rector

Rectors Greating



John von Neumann University, based in Kecskemét, is one of the youngest tertiary educational institutions in Hungary. However, the University's legal predecessors have a history going back many years, and boast longstanding traditions. It received the title "University of Applied Sciences" in 2016, since when it has become the leading higher education institution in the region. With almost 3000 students, we offer programmes in technical sciences, economics and agriculture. We have achieved significant results in the fields of research and innovation. Furthermore, we foster extensive business and institutional networks. Building on our dynamically expanding international connections, we aim to achieve greater visibility in the globalised world of higher education.

The University is about to undergo unprecedented development: our new campus will be a truly modern complex of buildings, providing an educational environment that meets the needs of the 21st century. We are already offering students a wider range of programmes, new Bachelor's and Master's programmes. We offer scholarships. Applicants to the new university of applied sciences can be sure that the skills and knowledge they gain here will be applicable in practice, thus enabling them to build successfully on the opportunities provided by the University's dual training scheme.

Why JvNU?



There are many good reasons for choosing John von Neumann University! Lately, the University has gone over modernization, including the construction of its new, 21st-century campus. Our diverse, practice-oriented training portfolio includes attractive and competitive programmes. Both the impressive quality of higher education in Kecskemét and the market value of the qualifications awarded here are guaranteed by the professionalism and dedication of our teaching staff, as well as the long-term stability of our institution. Kecskemét and the University offer an appealing, inspirational, and student-friendly learning environment for those who choose us to pursue their studies here.

Programmes



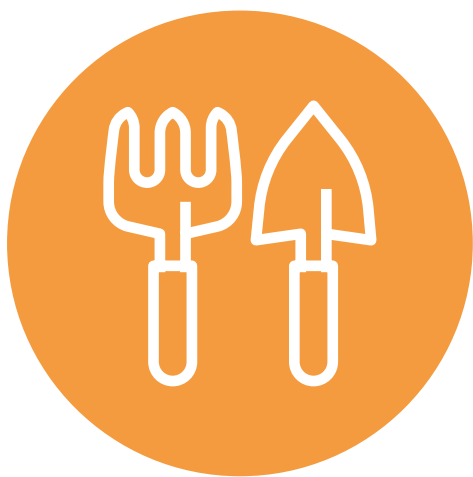
COMPUTER SCIENCE ENGINEERING BSch

- Duration of the programme: **7 semesters (3.5 years)**
- Credit number: **ECTS 210**
- Degree: **Computer Science Engineer**
- Tuition fee: **EUR 3000 /semester**
- Location of the training: **Kecskemét**



VEHICLE ENGINEERING BSc

- Duration of the programme: **7 semesters (3.5 years)**
- Credit number: **ECTS 210**
- Degree: **Vehicle Engineer**
- Tuition fee: **EUR 3000 /semester**
- Location of the training: **Kecskemét**



HORTICULTURAL ENGINEERING BSc

- Duration of the programme: **7 semesters (3.5 years)**
- Credit number: **ECTS 210**
- Degree: **Horticultural Engineer**
- Tuition fee: **EUR 3000 /semester**
- Location of the training: **Kecskemét**



REGIONAL AND ENVIRONMENTAL ECONOMICS MA

- Duration of the programme: **4 semesters (2 years)**
- Credit number: **120 ECTS**
- Degree: **Economist with Regional and Environmental Economics specialization**
- Tuition fee: **3000 EUR/semester**
- Location of the training: **Budapest**

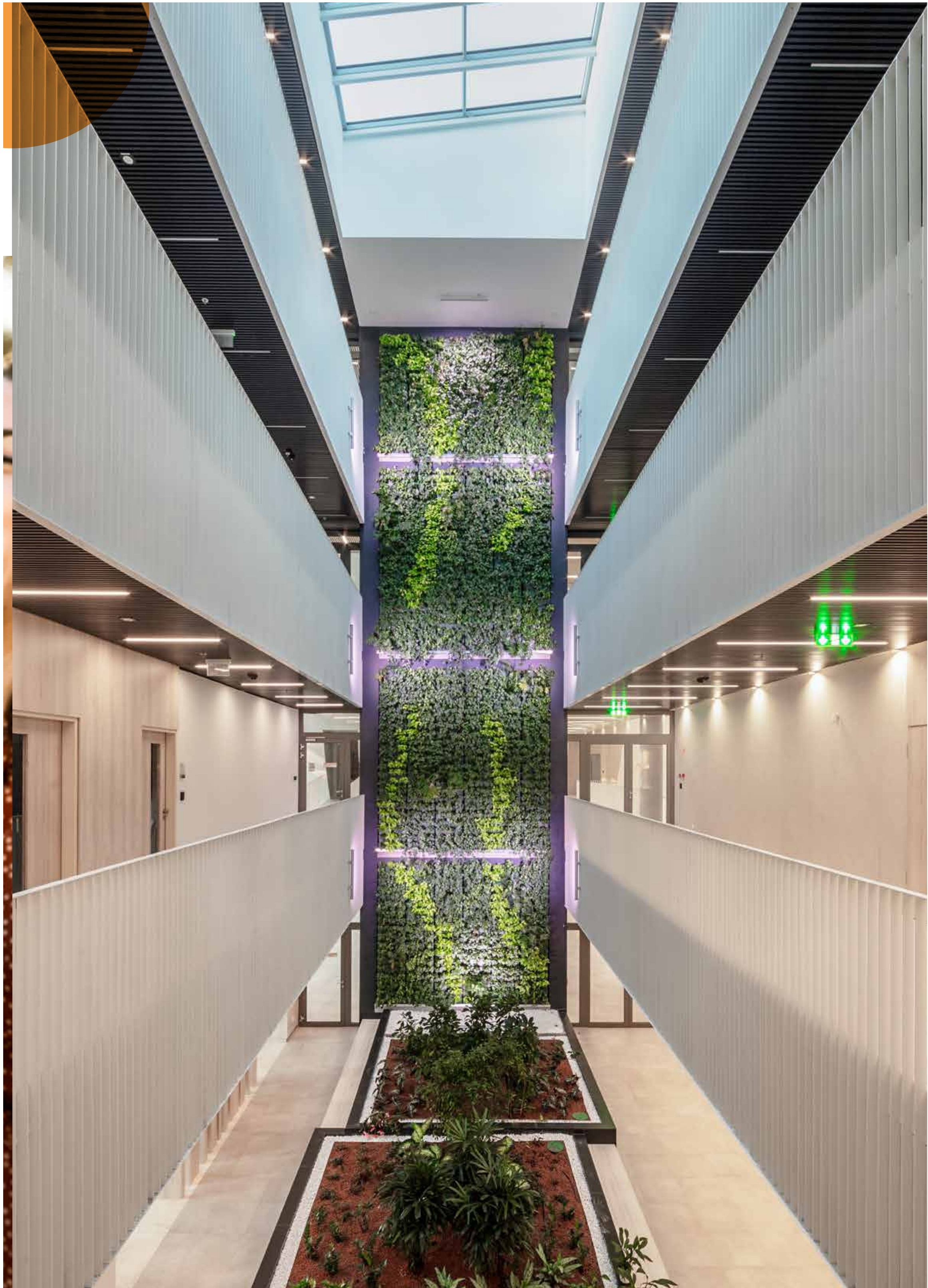
Scholarships

ERASMUS+

Spend one or two semesters with a scholarship at our partner university, all over in Europe. 21 countries, more than 60 partner universities in Europe, a few of them:

- Institute of Technology and Business in České Budějovice
- Hochschule Weihenstephan – Triesdorf
- Hochschule Furtwangen University
- Technische Universität Ilmenau
- Baden-Württemberg Cooperative State University Mosbach
- Hochschule Neubrandenburg
- Albstadt-Sigmaringen University
- Duale Hochschule Baden-Württemberg Stuttgart
- Hochschule Trier Duale
- Hochschule Baden-Württemberg Villingen-Schwenningen
- University College of Northern Denmark
- Universidad de Castilla- La Mancha
- University of Córdoba
- Universidad Complutense Madrid
- Universidad de Málaga
- Tallinn University of Technology
- University of Tartu/Tartu Ülikool
- Università Degli Studi di Firenze
- University of Foggia
- Dublin City University
- University of the Azores
- Institutio Politécnico de Castelo Branco





Knowledge Centers

JOHN VON NEUMANN UNIVERSITY BOASTS WITH 'KNOWLEDGE CENTERS'.

MNB KNOWLEDGE CENTERS:

The Central Bank of Hungary (Magyar Nemzeti Bank – MNB) and John von Neumann University signed a new cooperation agreement in 2021, under which the Central Bank will support the University's academic work and teaching in a number of areas. The most significant result of the joint work is the establishment of the MNB Knowledge Center in Budapest: the Center for Sustainable Finance, the Eurasia Center and the Economic Geography and Urban Marketing Center.

Center for Sustainable Finance:

One of the most important pillars of the MNB Knowledge Centre, Centre for Sustainable Finance (MNB Institute) is the Master's degree program in "International Economy and Business" in Hungarian, which is a new element within the study programs of the Faculty of Economics and Business of John von Neumann University. With the professional support of the Central Bank of Hungary (Magyar Nemzeti Bank – MNB), the program was launched in autumn 2022 for the first time, following the cooperation between John von Neumann University and the Central Bank of Hungary.

Eurasia Center:

The Eurasia Center strives to be a preeminent center in Hungary for the scientific research of the Eurasian region with a geopolitical approach. The Eurasia Center's research activities focus on the geopolitical, economic and social processes in the world's most populous and fastest growing region. The Eurasia Center publishes a number of different professional publications, including the scientific journal 'Eurázsia Szemle' and the informative magazine Eurázsia, which is also regularly accompanied by English-language study volumes, weekly news reviews, and analyses of the week. For more information about the publications, as well as other analyses and studies about the region visit the website eurasiacenter.hu.

Economic Geography and Urban Marketing Center:

According to their mission, the Center intends to contribute to the increase of the comparative advantage of the University, in the expansion and enrichment of both the educational and research portfolios, in areas that are not emphasized directly anywhere else in Hungarian higher education in technical, agricultural or economics education. At the same time, the demand for their justification is unquestionable. Place marketing knowledge in the field of marketing, regional and rural development is useful. National value and identity management in agricultural education and in the fields of trade, international management and rural development are also required. Finally, network and data-driven economic geography in the context of almost all undergraduate and master's degrees can convey useful additional knowledge to anyone who meets foreign economy, national values, or local governments in the course of their later work. The Center has invited not only the best Hungarian experts in the above-mentioned three fields concerning research and education purposes, but also the best and most renowned foreign experts as guest lecturers, thus contributing to the international prestige of the University.



ANIMATION KNOWLEDGE CENTER:

The Animation Knowledge Center will create an interactive, experiential knowledge collection that can transmit values, develop competences, and pass on traditions across generations. This will also promote the development of young people's artistic, cultural, scientific, engineering and IT literacy. The aim of the Animation Knowledge Center is to collect, process and organise - on a professional, scientific basis - the sources of the history of the development and evolution of the Hungarian animation and the animated film, as well as the domestic and international professional achievements of Kecskemét Animation Studio and its decades of operation.

HYDROGEN TECHNOLOGY RESEARCH CENTER:

The research center aims to join world trends with the appropriate professional and social involvement. At the University, we have been dealing with hydrogen-based energy since 2019. During the preparatory work, several studies were produced, we built relationships with domestic and international partners, and we also became members of the most important domestic hydrogen technology organizations. We place great emphasis on the creation of practical results that prove our competences and contribute to the widespread social acceptance of hydrogen technology. The activities of the research center are focused on three main areas of expertise: hydrogen-based energy management, hydrogen storage and hydrogen combustion.

SÁNDOR KOPÁTSY KNOWLEDGE CENTER:

The aim of the Sándor Kopátsy Knowledge Center is to expand and diversify the research portfolio, student support and professional events. The Knowledge Center welcomes all organisations that are interested in the work and heritage of Sándor Kopátsy, who was an outstanding economist and university professor.

TÓDOR KÁRMÁN KNOWLEDGE CENTER FOR DEFENCE INDUSTRY AND TECHNOLOGY:

Based on the Zrínyi 2026 Strategy, the rebuilding of Hungary's defence industry and the full modernisation of the Hungarian Defence Forces was launched in 2018. The defence industry can be a key driver of Hungarian innovation performance in the future, while becoming a key sector of the economy. A crucial element of the defence industry is the preparation of the human factor, its ability and applicability to world-class standards, including both R&D and management skills. On this basis, there is a case for building and expanding cooperation between domestic universities and university-related R&D&I and the defence industry.

GREEN DEFENCE, WATER INDUSTRY, FOOD SAFETY ARE ALL LINKED TO THE DEVELOPMENT OF THE HUNGARIAN DEFENCE AND DEFENCE INDUSTRY.



WHAT CAN A FOREIGN STUDENT (AND THEIR PARENTS) EXPECT IN KECSKEMÉT?

THE TOWN, STREETS, PROGRAMMES, FREE TIME ACTIVITIES, RECREATIONAL FACILITIES, EATING OUT, SHOPPING, PUBLIC TRANSPORTATION, HEALTHCARE AND SAFETY

Although Kecskemét has a growing population (currently it is over 110 000), the local people are friendly and welcome foreigners. There is no shortage of leisure activities, either in the centre or in the suburbs. Taking a walk in the centre of the city, relaxing and having fun with other university students in cafés, bars, pizzerias and restaurants is always an option to get away from the daily grind for a while. Whether winter or summer, you will always find something entertaining in the main square or the surrounding streets. Concerts, performances, festivals, open-air film screenings add colour to the town.

The University's park is also a botanical garden, created by the staff and students of the Faculty of Horticulture and Rural Development. It is a great place to take a rest, chat with friends or study. If you choose something from the wide variety of food, hot and cold drinks and snacks from the cafeteria, the small wooden huts provide tranquil spots to enjoy your meal. It is also possible to have a two-course lunch at the University's canteen at reasonable prices.

If you lead a sporty lifestyle, you have several options. The town has a swimming pool, gyms, fitness clubs, sports fields and running tracks around the hill, and even a beach near the lake.

There are also plenty of shopping facilities in Kecskemét. The most popular of these is the Malom Centre mall in the heart of the city. Not far from it you will find "Álföld" department store. A little further away from the centre, hypermarket and supermarket chains (Tesco, Auchan, Lidi, Aldi, Spar etc.) sell everything you could possibly need.

Local public transport helps you get from the centre to the suburbs quickly, easily and cheaply. Buses run from early morning until late evening. You have nothing to fear, just like the centre, most of the suburbs are safe. However, at night it is advisable to travel in groups or take a taxi. The city has a low crime rate and patrols are on duty, but it is best to stay out of trouble.

Should you have any safety concern or emergency, do not hesitate to ask for help. In Hungary, **112 is available 24 hours** a day in Hungarian, English and German.



112

Stipendium Hungaricum scholarship holders are automatically provided with a health insurance policy during the process of claiming **Hungarian National Health Insurance**, which includes the following cost-free healthcare services: preventive examinations, primary healthcare, specialised inpatient care, specialised outpatient care, certain dental care, rehabilitation, the ambulance service, patient transport and accident-related benefits, drug reimbursement, reimbursement for medical aids, medical spa services, reimbursement of travel expenses and benefits granted on grounds of equity. (www.neak.gov.hu)

Self-financed students must take out their own life and health insurance.

In both cases, the International Office will help students arrange their necessary insurance.

Healthcare in Kecskemét is particularly good. A central, training hospital, several clinics with modern equipment, private practices and clinics offer help in diagnosing and treating any health problem.

There is always something going on in Kecskemét, whether it's entertainment, sporting events, and of course university programmes, all in a friendly and safe environment.

Neumanniversity



Norbert Csizmadia, PHD, President of the Board of Trustees of the Foundation for John von Neumann University on the vision of our university

John von Neumann University will soon be one of the most innovative universities in the country. Even more importantly, it is becoming a university where it is good to be a student in every possible sense.

Kecskemét and the surrounding region are clearly developing into a Central European economic hub.

“Watch this space!”

The new university model introduced recently is enabling us to take our place in international scientific life, a process that requires us to focus on economic and market challenges.

Our goal is to create new knowledge hubs in the fields of the defense industry, territorial marketing and geostrategy.

Essentially, the ‘product’ that we are envisaging is the uniqueness that comes from the interconnectability of our programs, and the unique nature of the diverse training we offer. The goal of fusion has already been partly achieved in the form of cooperation between the Faculty of Engineering and the Faculty of Economics.

The Faculty of Horticulture and Rural Development is responding to the challenges of sustainable development and the requirements arising from organic agriculture. In the spirit of green industry, connecting these disciplines with engineering and economics is creating brand-new, exciting and competitive programs. Watch this space! While there is no doubt about the serious scientific work going on in the background, we are also building in a physical sense at the same time. The campus being constructed in Kecskemét is one of the most modern in Hungary and — in its category — one of the most modern in Europe as well.

“The new university model introduced recently is enabling us to take our place in international scientific life, a process that requires us to focus on economic and market challenges.”

You may be interested to know that our 500-seat lecture hall is unique in Europe: featuring revolving stage technology, it can be divided into three separate, smaller lecture areas at the flick of a switch.

The property development project is continuing in 2022 with the construction of two student accommodation buildings and one administrative centre.

A modern campus must respond to the needs of a modern university; it must provide all the services required by the university population, while at the same time ensuring sustainability and innovation. We are involved in continuous negotiations with large companies in the automotive, financial and green economy sectors, with the aim of ensuring that their presence strengthens the region’s increasingly central economic role. I believe that the presence of global companies likewise provides great opportunities for our students.

Based on my observation, the market and the economy have taken note of what is happening here and see the potential of cooperation with John von Neumann University.

About the new Campus

THE UNIVERSITY PLACES GREAT EMPHASIS ON SUSTAINABILITY, WHICH APPEARS IN SEVERAL AREAS OF THE UNIVERSITY'S LIFE, SUCH AS TEACHING, RESEARCH AND DEVELOPMENT, AND IN THE INFRASTRUCTURE OF THE CAMPUS.

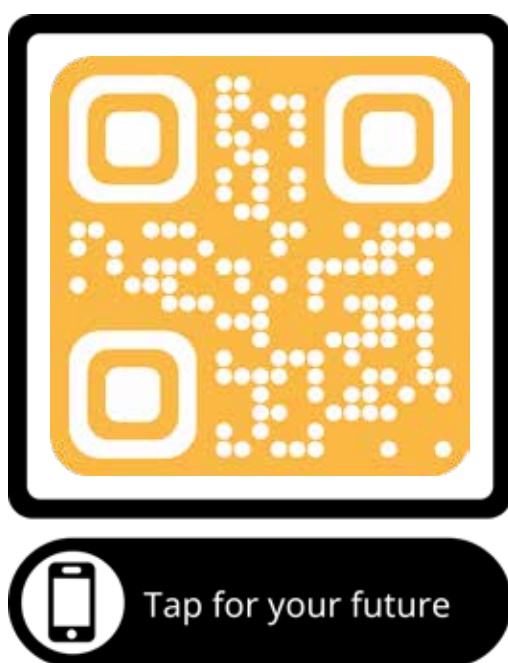
Since the impressive new complex opened in Kecskemét in 2019, it has been home to the Faculty of Economics and Business of John von Neumann University. The development project that resulted in the construction of the ultra-modern campus in Kecskemét was launched in 2015. During the construction work, environmentally friendly solutions were preferred, and solar panels were installed for Wi-Fi operation and outdoor USB ports. The Faculty of Economics and Business moved into the new building in the autumn of 2019. In recent years, as traditional frontal teaching has increasingly become outdated, and 21st-century technologies have gained ground, interactive teaching methods based on technical devices have come to the forefront.



Students no longer attend lectures as passive listeners, but actively participate in them, and in the spirit of two-way communication they can react immediately. In the seminar rooms, they can immerse themselves in small-group project assignments and thus accomplish tasks more efficiently. The Kecskemét Campus will provide instructors and students with access to several efficient and state-of-the-art amenities that are still quite rare in Hungary (special applications, virtual spaces, real-time holographic projection etc.). Modern educational technologies support distance learning, thus facilitating the harmonisation of studies, work and private life, as well as international cooperation and knowledge-sharing. In addition to the freely available smart devices, computers and Wi-Fi service, applications will also help students to manage their life and better organise their daily routine. The social media platform of the Campus will allow students to keep in touch with each other, and support the flow of the latest information, while the combined blended-learning educational model will offer a community experience. Using this model, instructors can combine traditional classroom-teaching instruments with possibilities opened up through the Internet and digital media. Educational centres all over the world place an emphasis on making their facilities accessible for the disabled. John von Neumann University will offer mobility and access solutions for the visually and hearing impaired, as well as for students with physical disabilities. The new university buildings can accommodate 1,200 students, and the main lecture hall has a capacity of 500. In addition, the university's world-class facilities include a medium-sized lecture hall seating 110; 13 seminar rooms for groups of 30 students; and a special hall where stock exchange trading can be simulated in a virtual environment; the so-called Stock Exchange Egg.

THE NEW UNIVERSITY BUILDING HAS WON AN EXCELLENCE AWARD FOR ITS UNIQUE AND FORWARD-LOOKING SOLUTIONS.





SAVE THE DATE!
KECSKEMÉT
08–12. APRIL 2024

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