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**John von
Neumann
University**

Hello! It's Neumann!

Hungary

In the Heart of Europe

UNIVERSITY

OF APPLIED SCIENCES

IT & Engineering

Horticulture

Business



Who was John von Neumann?

John von Neumann was the **greatest mathematician** of the 20th century, often regarded as the world's second greatest scientist after Einstein. His discoveries, applied to economics, psychology, sociology, political science, and evolutionary research, laid the foundations for game theory. He was **a pioneering developer of EDVAC**, the forerunner of the modern computer, with which Neumann was credited with creating the first digital computer, and without which modern computing would not exist today. His research

in defence and nuclear technologies made him a **top adviser to the US defence leadership** of his time. The name of the world-famous Hungarian scientist is proudly borne by John von Neumann University in Kecskemét. In keeping with his name, the university focuses on sustainable automotive engineering, hydrogen storage and propulsion, materials and laser technology, ecological management, sustainable and green finance, new economics, geo-economics, and creative economics.

President's Greeting

John von Neumann University is not merely an educational institution, but a global community, where the power of diversity permeates our daily lives. We give special attention to international students, believing that students from **different backgrounds can inspire each other**, and enrich university life.

Our university proudly promotes a modern educational environment that combines the latest technologies with traditional values. As you immerse yourself in your studies, you will find that you are not only gaining knowledge, but also becoming part of a community where international students play a special role. During your time here, you will benefit from **professional development, a wealth of different cultures**, traditions, and languages.

Studying here means looking beyond the present into the future. John von Neumann University is committed to equipping students with knowledge that is-besides being up-to-date and **relevant-prepared for the challenges of the future**. The competences and experience gained here will not only be a professional advantage, but will also put you in a prominent position in the international labour market.

Remember that you are the ones who will be learning the future. John von Neumann University offers you the opportunity to shape your own path through knowledge and experience, and to **become part of a 'future globally thinking, and creative community'** whose foundations you will lay here in Kecskemét.

Apply now!



Dr. Norbert Csizmadia
President



Rector's Greeting

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 institute in the region. With **almost 4000 students**, we offer programmes in technical sciences, economics, agriculture; achieve significant results in terms of research and innovation; and 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 building, 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**, as well as 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, enabling them to build successfully on the opportunities provided by the university's dual training scheme.

Dr. habil. Tamás Ferenc Fülöp
Rector

Dear Prospective Students and Partners!

It is a great pleasure to welcome you to the excellent community of John von Neumann University, and to have the opportunity to present our institution, which is founded on a tradition of **high quality education**, up-to-date research and **innovative approaches**. Our university is an institution that is built on solid foundations, but is constantly open to new challenges and opportunities. It is named after János Neumann, (in English John von Neumann), an outstanding figure in computer and information sciences, a pioneer and genius in the world of information technology. Thanks to this tradition, our university also places great emphasis on training in new solutions in a variety of fields. John von Neumann University is committed to strengthening international relations, and we are proud of the fact that our students come from many different countries. This **cultural diversity**, and the **international projects** we run ensure that our students leave their university years with a broad perspective and a global mindset. Our teachers bring the highest level of expertise and are committed to helping students succeed. The university has an **excellent infrastructure**, and is constantly upgrading its state-of-the-art facilities to provide students with the best possible learning environment. We are committed to engaging with the competitive sector. As a result, we boast with nearly 100 corporate contacts. These companies cover all sectors of industry (automotive, engineering, food, etc.).



We provide our students with up-to-date practical knowledge through our **corporate innovation projects**. Our vision is that the university, in partnership with industry, will become the innovation engine of the region. We hope, you will be impressed by our unique training programmes, the high quality of our scientific research and the dynamic student life we have created. We look forward to you becoming part of this exceptional community and contributing to the development and international reputation of our university. We welcome you to John von Neumann University and look forward to your next exciting chapter!

Dr. Zoltán Nagy
CEO

CEO's Greeting

Hungary

an overview for international students

Hungary is located in Central/Eastern Europe, bordering e.g. on Austria in the West, and Romania in the East. It has a population of around 10 million people.

Dozens of universities across the country offer programmes that are fully taught in English. Across all academic disciplines, there are **hundreds of study programmes in English available for international students**. The degrees follow the European Bologna scheme, and are recognised across Europe, and elsewhere around the world.

If you are looking for high-quality education, you've come to the right place. Hungarian universities have spawned many smart minds, including well-renowned scientists like mathematician John von Neumann, and Nobel laureate Albert Szent-Györgyi, who discovered vitamin C.

Studying at a university in Hungary

If you are considering studying in Hungary in English, there are plenty of options to choose from.



Why Kecskemét?

The real question is: **'Why shouldn't?'** 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, numerous restaurants, a 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, for instance.



The city of Mercedes-Benz Kecskemétplant



AI Research Competences

As part of the informatic research at John von Neumann University (JvNU), we have gained experience in several project tasks, solved with Artificial Intelligence. The various sub-fields of AI research are centred around applications with the use of particular tools. Basic, and applied research works in AI are constantly being executed, many of which are already in progress or to be initiated soon (energy management, real-time simulation, grid integration, etc.). We are looking for international collaboration with academic and industry partners.

Knowledge centres & innovation at JvNU

MNB Knowledge Centre

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 Centre in Budapest: the Centre for Sustainable Finance, the Eurasia Centre, and the Economic Geography and Urban Marketing Centre.

Centre 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.

Hydrogen Technology Research Centre

The Hydrogen Technology Research Centre of John von Neumann University aims to join international trends with the appropriate professional and social involvement. 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 centre are focused on three main areas of expertise: hydrogen-based energy management, hydrogen storage, hydrogen combustion. We are looking for international collaboration with academic and industry partners.

Eurasia Centre

The Eurasia Centre strives to be a preeminent centre in Hungary for the scientific research of the Eurasian region with a geopolitical approach. The Eurasia Centre's research activities focus on the geopolitical, economic, and social processes in the world's most populous and fastest growing region. The Eurasia Centre 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 Centre

According to their **mission**, the Centre 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 Centre 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 Centre

The Animation Knowledge Centre 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 Centre 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.

Sándor Kopátsy Knowledge Centre

The aim of the Sándor Kopátsy Knowledge Centre is to expand and diversify the research portfolio, student support and professional events. The Knowledge Centre 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 Centre 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 the defence industry.

John von Neumann University is one of the scientific centres of the region with its **research-development-innovation activities** and **scientific performance**.

The institution is a decisive player in the professional and scientific world due to the diversity of the scientific fields managed by the faculties (natural sciences, technical sciences, agricultural sciences, economic sciences, social sciences), its extensive domestic and international network, the high proportion of **academically qualified instructors** and researchers, as well as its scientific research performance; therefore, it has an important role in the professional-scientific public life.

R+D+I activity of the University of Applied Sciences is primarily related to the practice-oriented training offer, the results achieved in this field are reflected in participation in several international projects, in successful participation in competitions and inventions.

The Hungarian designed Megalux racing car receives energy from a six-square-metre solar panel surface. The one-wheel drive vehicle is equipped with dual-circuit hydraulic braking system. The weight of the extremely streamlined solar vehicle is just over 160 kilogrammes. The Megalux has plastic body and sandwich structure made of carbon fibre.

The vehicle finished in the World Top 3 in South Africa in 2016, and reached the 7th place in Australia. It has a 200 km range with a 20 kg lithium-ion battery, and reached 140 km/h top speed.



JvNU Megalux Solar Race Car

Projects at JvNU

The motorcycle, unique in both technical and design aspects, was unveiled in October 2022. The creation of this all-electric vehicle is the first milestone in the cooperation and professional relationship between the Moholy-Nagy University of Art and Design and John von Neumann University.

Technical specifications:

- Max speed: 70-100 km/h (depending on weight and road conditions)
- Average range: 50-100 km/h (depending on weight and road conditions)
- Engine: 5 kw set power (11 kw peak power)

Supermoto



JvNU AES H2 Vehicle

In the framework of the project, a prototype vehicle was developed in moped car category, which provides long-range, green urban transport, using alternative energy chain. The aim was to combine a proven vehicle design with the most modern drive technology of our time, all complemented by a forward-looking design.

The vehicle has a 350 bar H2 system inside and was unveiled by Katalin Novák, President of Hungary, at COP28 climate summit in Dubai, on 1 December 2023.





*Katalin Novák,
President of Hungary signs
the Neumann H2*

COP28

John von Neumann University of Kecskemét was a participating exhibitor at COP28, the largest UN conference on climate change. The event, which was taking place in the United Arab Emirates from 30 November to 12 December 2023, was attended by more than 70,000 delegates, including John von Neumann University, Kecskemét as the only Hungarian exhibitor.

The UN Climate Change Conference, COP28, is the world's only multilateral decision-making forum on climate change with almost full membership from all countries in the world. The aim of the meeting is for the world's leading states and decision-makers to agree on ways to tackle the climate crisis, such as limiting the global temperature rise to 1.5 degrees Celsius and helping communities in warming countries to achieve the global goal of zero carbon emissions by 2050.



John von Neumann University was listed as a **"Climate Supporter"** for its exhibition theme and sponsorship of the event. This means that the University of Kecskemét was among such exceptional sponsors as SAP, Microsoft, Tetra Pak, BMW, and EMERSON.

The university was focusing its participation in the climate summit on a custom-designed hydrogen-powered vehicle. The creation of the **NeumannH2** is not primarily about sales! Beyond the patent



and patentability possibilities, the aim was to make hydrogen-powered vehicles acceptable to the wider public by dispelling unfounded fears. As a university, it is an important objective to give students a practical example of a means of transport of the future. By participating in COP28, the university has become involved in the development of hydrogen technology at a time when there are still many question marks and potential dead ends, but thanks to the project, many of these have been identified and the best solutions have been found. By the time this form of propulsion is on the automotive agenda, thanks in part to Neumann H2, users will have become better informed about alternative options, and engineers from the JvNU will be able to apply their innovative knowledge to meet changing mobility needs. With the Neumann H2, we have a model that is ahead of its time and sets a trend in this area of technological development, fulfilling the objectives listed above.

By presenting itself at the summit, John von Neumann University's main goal was to use its innovation to draw attention to the knowledge focus that seeks solutions outside the mainstream in both Hungarian and international universities.

The NeumannH2 model presented at the stand of JvNU was unveiled by Katalin Novák, President of Hungary, at the COP28 climate conference in Dubai, on 1 December 2023.

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, thereby 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 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.

About the **CAMPUS**





you, but you can see unique exhibitions in the city's museums too, or you can even take part in various creative workshops.

We must not forget about Kecskemét's sports opportunities either. The **Kecskemét Bath and Thermal Spa** awaits you with an aqua park, a sauna world, a thermal bath, and a sports pool. Besides, there are many yoga studios, tennis courts, and sports fields in the city. Those who would like to relax and take a long walk in the nature or have

Free-time activities, entertainment, and social life in Kecskemét

Kecskemét offers a number of entertainment and recreation experiences that students can enjoy at a discounted price. **The Ápoló Klub**, one of the city's favourite entertainment venues, is located a few metres from the university, offering several entertainment options in the evenings, from live music performers to big dance parties. Kecskemét also organizes many festivals every summer: **JAZZ CAPITAL**, the **'Famous Week' festival**, the **Street Food & Street Art Wine Festival**, and many smaller, and larger events. You can find everything from gastronomic specialities to the best wines and craft beers, while free of charge concerts and huge parties await those who want to relax. If you would like a little extra culture, the **József Katona Theatre** in Kecskemét awaits

a barbecue with friends, can visit **the Zoltán Benkó Leisure Centre**. As for travelling, Kecskemét is located in the middle of the country having excellent public transport, therefore you can easily get to any part of the country, be it Budapest, Szeged, or Lake Balaton.



Stephen Lesalon, Kenya

'My name is Stephen Lesalon from Kenya, and I'm really, really happy to be at this university. I have always had a dream to study in Europe. And what a better country is study in than Hungary, which is in the middle of Europe? This university is vibrant.

I really love it. We have wonderful professors who are brilliant. We have a vibrant international community, who always come and help us get around. Apart from that, the fact that Europe is advanced in technology also gives me a hint. Because my country is a developing country, so hopefully after finishing my studies in Hungary, I will work for maybe two years, three years to get experience. And using those skills that I have learnt here, I can go, and make my country better, and I will have achieved my dreams.'



Nguyen Thi Thuy Huyen, Vietnam

'Hungary is in the heart of Europe, famous for its diverse history, culture and cultural heritage, and unique cuisine. The international students here have the opportunity to experience quality education.'

Dinh Tuan Hoang, Vietnam

'Actually, life in Hungary in particular, and also in the whole of Europe, is very different from life in Vietnam. Here, everything is more peaceful and gentle, everything is modern, the roads are clean, and the air is fresh. Come and study at John von Neumann University, as everybody is very friendly: the students, the mentors, and the professors too, and everybody will support you as much as possible.

Bui Ta Hoang Anh, Vietnam

'Occasionally, I participate in soccer matches, and besides this, at the university we have physical education classes, where we can play all sorts of games. I highly recommend John von Neumann University because it is very modern, and the facilities are among the top in Hungary.'

Nguyen Cao Toan, Vietnam

'Living and studying in Hungary provided me with the opportunity to grow and allowed me the chance to try new things. After finishing my studies, perhaps I will stay in Hungary, and work here for a year or two.'



Student testimonials



Kasir Ahmed, Bangladesh

'Hi, guys! My name is Kasir Ahmed. I'm from Bangladesh. I study at John von Neumann University. I think, you know who John von Neumann was: the inventor of the computer. This university is in Kecskemét. I love this city, because it's so calm, and cool, and beautiful all over the place. It's a small city in Hungary, but to be honest, you will enjoy it. I'm doing my Bachelor's



here in Computer Science Engineering. I came here last Semester. Our professors are of high quality, and the International Office staff is really good. I'm so impressed. When I came here, they helped me do everything, like residence permit, health insurance, and all. I'm so pleased to study in here.'

GAMF Faculty of Engineering and Computer Science

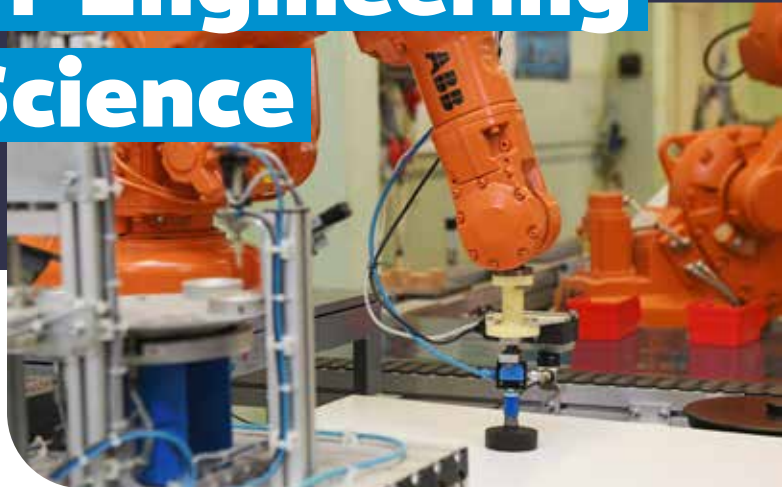


Dean's Greeting

"Wherever we look in Hungary — whether at big companies or, just as often, at small and medium-sized enterprises — we see mechanical engineers, technical managers, IT engineers and vehicle engineers who are GAMF graduates, and who are often employed in top positions or manage their own companies or businesses. Over the past five decades,

GAMF has become a trademark that provides not only great credentials for its graduates but represents state-of-the-art expertise and competencies to develop and self-educate. Based on the German example, the faculty – as a torchbearer in Hungary – introduced the dual-training system in 2012, developed in close cooperation with its business partners. This system is able to meet shifting economic expectations in a more flexible way than any other training systems used previously. Since then, the 'Kecskemét model' has emerged as an example to follow on a countrywide basis. Our achievements reflect a wide-ranging partnership: SMEs, big companies, professional organisations, and local municipalities form the 'tissue' that guarantees a common and successful future.'

Dr. Lóránt Kovács, PhD



Strengths of GAMF Faculty of Engineering and Computer Science

The GAMF Faculty of Engineering and Computer Science of John von Neumann University of Kecskemét and its predecessors have been providing higher education for 60 years, and over the years we have graduated many engineers who are currently holding various engineering and management positions in leading small, medium-sized, and large companies not only in the region, but also at domestic and international level, be it in mechanical engineering, logistics, automotive engineering or IT.

Kecskemét is considered to be one of the most dynamically developing regions of Hungary, and therefore John von Neumann University has even closer links than before with industrial partners and companies in the region and across the country,



which are among the best in industry and in their field. The result of this closer relationship is that we have very quickly realised that, although our courses are practical, student-friendly courses, industry-focused courses are necessary for easy and quick access to employment and job opportunities, whether we are talking about mechanical engineering, logistics, IT or vehicle engineering.

We are proud to say that our courses are not only student-friendly, practical, and complex, but we are also committed to adapting them to the needs of the industry of the 21st century, and for this reason, we are constantly shaping our courses by using our network of industry contacts. In reshaping our courses, our priority is to provide students with up-to-date, ready-to-use knowledge that meets the needs of today's industry. We believe, it is important to ensure that our graduates are immediately employable and can use the knowledge they have acquired to succeed in whatever field they have completed their studies.

The GAMF Faculty of Engineering and Computer Science contributes to the continuous development of the faculties through its laboratories and knowledge centres, which are equipped to carry out a number of contract work, industrial commissions, and measurements for industrial clients, using the knowledge and experience gained from measurements, and solving industrial problems in teaching. With this innovative knowledge acquired, we are able to educate our students with the help of the most cutting edge industrial-industrial examples.

Our university is proud of the fact that during our courses, within the framework of certain subjects, and theses, our students can confidently use our state-of-the-art laboratories, tools and equipment, where they can make independent measurements, and produce results that are later published.





OUR KEY LABORATORIES

- Diode Laser Centre
- Robotics Laboratory
- Hydraulics Laboratory
- Measurement and Signal Processing Laboratory
- Pneumatics Laboratory, SCADA Laboratory
- Laboratory of Plastic Forming
- Accredited Materials Testing and Metrology Laboratory
- CNC Laboratory
- Additive Manufacturing Laboratory
- Heat Treatment Laboratory
- Environmental Testing Laboratory
- Engine Brake Pad Laboratory



PROGRAMMES

Computer Science Engineering BSc

Duration (in semesters): 7

Tuition fee/semester: EUR 3 000

Specializations:

- Network Security and Operation specialization
- Industrial Informatics specialization
- Mobile and Web Application specialization

Job opportunities: e.g.:

Software Developer • Software Engineer
System Administrator • Programmer
Web Developer • Software Tester

Vehicle Engineering BSc

Duration (in semesters): 7

Tuition fee/semester: EUR 3 000

Specializations:

- Electric Vehicles specialization
- Vehicle Manufacturing specialization

Job opportunities: e.g.:

jobs related to vehicle design, vehicle
manufacturing and maintenance • employment
at automotive companies • own business

Mechanical Engineering BSc

Duration (in semesters): 7

Tuition fee/semester: EUR 3 000

Specializations:

- Materials technology and quality
- Production Informatics
- Mechatronics
- Plastics Processing

Launch in September 2025



John von Neumann University
Faculty of Economics and
Business

Dean's Greeting

The Faculty of Economics and Business of John von Neumann University in Kecskemét is the ideal place to make your dream come true! The last period brought huge changes in the education of economics in Kecskemét. One of Europe's most unique 21st century campuses are now open to students, who have populated the building. Our courses are expanding year by year: from autumn 2022, we launched a world-leading international master's degree in economics.

The teaching staff at the faculty have already proven themselves at the most prestigious universities in their home country. We also give high priority to the acquisition of foreign languages. A unique scholarship programme in the country helps fund studies, a successful competency portfolio and mentoring programme for integration and complex skills development. Kecskemét is not only beautiful, but also the centre of one of the most dynamically developing regions of Hungary, where young intellectuals are important for both the companies, and the city. With our professional programmes and university events, we are building a real community, a university town.

Dr. József Kárpáti, PhD



GTK – Faculty of Economics and Business



Students arriving at John von Neumann University in Kecskemét will find a dynamically developing faculty with strong business background, and highly experienced, committed teaching personnel in a beautiful, brand new, modern campus. Our teaching staff have already proven themselves at the most prestigious universities in Hungary, providing a complex and comprehensive knowledge of the global context of processes in the international and domestic economy. Our programmes dynamically follow and exploit the new trends, such as digital economy or artificial intelligence.



We give priority to high level language teaching, such as to a competency portfolio and a mentoring programme in our bachelor's, master's, and PhD programmes, that all support integration and complex skills development of our students in an international environment. Our weekly schedules are always configured and optimized to let our students learn and work at the same time. Also, they can use the advantage of an optional switching between the curricula during their first three semesters.

During their studies, our students also gain an insight into the world of research. Those talented and interested students can participate in a variety of research projects under the guidance of their tutors, and can present their results in scientific conferences and lectures.

Notwithstanding, we must underline the vivid youth life with numberless events and entertaining possibilities that surround them along their studies.

PROGRAMMES

Business Administration and Management BSc

Duration (in semesters): 7

Tuition fee/semester: EUR 3 000

Job opportunities: e.g.:

Financial Administrator • Project Manager
Controller • Executive Assistant
Assistant, Administrator

International Business Economics BSc

Duration (in semesters): 8

Tuition fee/semester: EUR 3 000

Job opportunities: e.g.:

Administrator, Officer • Project Manager
Analyst • Executive Assistant • jobs related
to the international field

Tourism and Catering BSc

Duration (in semesters): 8

Tuition fee/semester: EUR 3 000

Job opportunities: e.g.:

Administrator • Hotel Manager • Food and Beverage
Manager • Hotel Specialist • Conference Centre
Manager • Front Office Manager • Executive Assistant

Master of Business Administration MBA Dual Degree program with the Netherlands Business Academy (NLBA)

Duration (in semesters): 4

Tuition fee/semester: EUR 3 600

Job opportunities: e.g.:

Project Coordinator • Project Manager
Marketing Manager • Trade Manager
Accounting Manager • HR Manager
Business Analyst • Digital Marketing Manager

Regional and Environmental Economics MSc

Duration (in semesters): 4

Tuition fee/semester: EUR 2 750

Strong economic and financial knowledge:

microeconomics, macroeconomics, natural
resources, regional economics, international finance.

- Strong methodological training: territorial statistics, analyses, GIS.
- Current topics: climate change, climate economics,
- urbanization, urban marketing, network economy, local and spatial planning
- global territorial processes, innovations, knowledge economy,
- corporate strategies, the flow of production factors.

Job opportunities: e.g.:

Project Manager • Financial Coordinator
Acting Specialist • Consultant • Resource Manager



KVK – Faculty of Horticulture and Rural Development



Dean's Greeting

Our institution is located in the Southern Great Plain region, in Kecskemét, the capital of Bács-Kiskun County, between the rivers Danube and Tisza. In 2021, we celebrated the 60th anniversary of Kecskemét's higher vocational education, and the 50th anniversary of the Faculty of Horticulture (our predecessor institution).

Our main task is to train agricultural and horticultural engineers with an entrepreneurial approach, who are able to adapt quickly and flexibly to the constantly changing natural, social, and economic environment and market conditions, based on their versatile knowledge, skills and abilities. The training here is practice-oriented, so you can put it to immediate use on the job. The theoretical training is complemented by practical training in well-equipped laboratories, vineyards, demonstration gardens, and greenhouses.

The library's rich collection of textbooks and journals, available in both traditional, and electronic formats, helps prepare and inform the students. One of the cornerstones of quality education is the participation of teachers and students in research in the field. The faculty supports and promotes all those scientific activities that contribute to quality work and improve performance.

We support the professional activities of farmers in the region with accredited soil and plant testing, food raw material testing and microbiology laboratories, a processing plant and expert advice.

If you are interested in the information on our website, you are welcome to visit us.

Dr. András Palkovics, PhD



Strengths of the Faculty of Horticulture and Rural Development



For several decades, the Faculty of Horticulture and Rural Development has made it a priority to train agricultural and horticultural engineers within the framework of higher education in agriculture, who, with their versatile knowledge, skills and abilities, can adapt quickly and flexibly to the constantly changing natural, social and economic environment and market needs. Our BSc courses were completely reformed in September 2021, and new specialisations were introduced. Our courses are practice-oriented, so students who enter the world of work can put what they have learned to immediate use. The theoretical training is complemented by practical training in well-equipped laboratories, farms, demonstration gardens and greenhouses. One



John von Neumann University
Faculty of Horticulture and
Rural Development

of the pillars of the quality of the training is the participation of teachers and students in research in the fields of the cultivated sciences. The faculty supports and promotes all scientific activities that contribute to quality work and improve performance. We support the professional activities of farmers in the region not just with expert advice, but accredited soil and plant testing, raw material of foodstuff testing, microbiology laboratories, and processing plants. Farmers and farms are also involved in practice-oriented training, as internships give us a regular insight into their work. The faculty is also involved in dual training, which gives you the opportunity to "set yourself on a career path" at the age of 18. Companies are involved in training to ensure the supply of skilled workers, so that theoretical training is complemented by high-quality, up-to-date, and continuous practice. The parents of our current students often graduated from the faculty, helping to promote generational change in agriculture and the transfer of farms from their parents. Our students particularly appreciate the family atmosphere. They are also supported by a network of mentors, made up of students and teachers, who help them to learn and deepen their knowledge of the subjects. Our students can also turn to the mentor teachers with their everyday problems.

KEY WORDS

decades of higher education history, entrepreneurial approach, adaptation to market needs, reformed degree courses, cooperation, dual training, priority academic activities and research, expert advice, mentoring network, family atmosphere, promoting generational change, providing up-to-date knowledge.



PROGRAMMES

Horticultural Engineering BSc

Duration (in semesters): 7

Tuition fee/semester: EUR 3 000

Specializations:

- Green Industry and Precision Horticultural specialization
- Ornamental Gardening and Plant Application specialization
- Sustainable Vegetable Growing specialization
- Integrated Fruit Growing specialization
- Vine Growing and Wine Tourism specialiation

Job opportunities: e.g.:

Laboratory Technician • Viticulture Manager
Executive Manager in Horticultural Ventures
Supervisor in horticultural field.



The main objective of the doctoral school is to support PhD students to obtain marketable knowledge in the field of management and business sciences, which ensure the necessary skills for independent academic work and may also be used in practice. The doctoral programme will **provide students with a high level of theoretical knowledge**, practical research, and teaching experience.

Doctoral study is primarily aimed at preparing future researchers and academicians. The study system gives particular attention to the acquisition of the knowledge and skills that are essential for professional research at international level.

The training and research programme of the **John von Neumann University Doctoral School of Management and Business Administration** focuses on the most recent and key scientific topics, and is divided into three sub-programmes: **'Bioeconomy and Sustainability'**, **'Business Management and Business Digitalisation'**, and **'Finance and Financial Digitalisation'**.



Doctoral School

We welcome applications for our doctoral school from students with a Master's degree in business or economics, but students with a degree in other fields are also welcomed to apply with fulfilling special requirements and taking differential examinations.

Duration: 8 semesters, tuition fee: EUR 3 500/semester.

Tuition fees & extra fees



Programmes

Programmes	Tuition fee (semester)	Semesters
Tourism and Catering BSc	EUR 3 000	8
Business Administration and Management BSc	EUR 3 000	7
International Business Economics BSc	EUR 3 000	8
Vehicle Engineering BSc	EUR 3 000	7
Computer Science Engineering BSc	EUR 3 000	7
Horticultural Engineering BSc	EUR 3 000	7
Mechanical Engineering BSc	EUR 3 000	7
Regional and Environmental Economics MSc	EUR 2 750	4
Master of Business Administration MBA	EUR 3 600	4
Doctoral School of Management and Business Administration (PhD)	EUR 3 500	8

Extra fees

Application fee (one time)	EUR 200
Dormitory fee (one semester)	EUR 750
Health care insurance (after arrival)	EUR 180 (approx.)

How to apply?

>>>>>>>>

1. Register to our system
2. Select a programme
3. Upload your documents
4. You will be given an appointment for an online interview
5. Get the CAL (Conditional Acceptance Letter)
6. Payment
7. Get the FAL (Final Acceptance Letter)
8. Visa procedure
9. Welcome to Kecskemét!



..... **Application**

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



STIPENDIUM
HUNGARICUM

Stipendium Hungaricum

Scholarship Programme

- **The Aim of the Stipendium Hungaricum Programme**
- The Stipendium Hungaricum Scholarship Programme was launched in 2013 by the Hungarian Government. The core mission of the programme is to increase the number of foreign students in Hungary, and to encourage Hungarian higher education institutions to attract top foreign students.
- **Among many others, the Scholarship covers:**
- full tuition fee,
- monthly stipend: **non-degree, bachelor, master, and one-tier master level:** monthly amount contribution to the living expenses in Hungary, for 12 months a year, until the completion of studies,
- accommodation in dormitory.

Off CAMPUS: Homokbánya Dormitory

John von Neumann University provides opportunity to live in the University Dorm in Kecskemét, called 'Homokbánya Kollégium', which is located in Homokszem utca 3-5, Kecskemét, 6000.

The dorm has two buildings, and there are 230 rooms for 456 students. You will share a room here with one or two other students, and you will live together with a lot of Hungarian students, and take part in exciting university-life.

The Homokbánya Dorm is situated 6.4 km (15-20 minutes by bus) from the city centre. The university does not ensure free public transport. One monthly season ticket for students costs HUF 1000 (approx. EUR 3).

THE DORM OFFERS:

two-bed or three-bed rooms
(there are no single rooms)

two rooms have:

a common bathroom with toilet • common fridge
• blanket • pillow • bed linen and bedsheets.

laundry room with:

washing machines • dryers • irons • clothes dryers

common kitchens on every floor with:

fridge • microwave oven • electric oven • electric kettle • kitchenware cupboards per room

sports facilities:

inner sports facilities: table-tennis • gym
outer sports facilities: football field • volleyball courts • basketball court • tennis court.

entertainment facilities:

clubroom • outer places for cooking.



Accommodation/ Dormitory off-CAMPUS and on-CAMPUS

On CAMPUS

The new dormitory complex, which consists of two buildings, already serves the function of a university city by providing 600 places for university students. A total of 292 rooms with 2 x 2 beds, shared bathrooms and double rooms with en-suite bathrooms will be created. The building will also house a canteen with a hot kitchen ("cafeteria"), which will be able to serve 600 people at a time. The dormitory complex is currently under construction.

Head of Dormitory and Science House:

Károly Roza

Phone: +36 76 501 300

E-mail: koll@nje.hu

We believe that it is important to build a healthier student community active in sport during their university years. To help achieve this, our students have a range of options to choose from: **tennis, volleyball, functional training, swimming, streetball, skydiving, modern dance, floorball, gymnastics, handball, table tennis, rugby** and **cricket**.

We have house championships: futsal, basketball, volleyball, weightlifting, tennis, table tennis and darts.

In addition to sports activities, you will be able to participate in trips organized by the Sports Centre at JvNU.



Sports at JvNU

Notes

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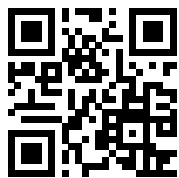
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1.	Educational building	8.	Building No. 10.	15.	Törös Olga Sport Centre
2.	KVK Dean's Office	9.	Smoking area	16.	Library and Inform. Centre
3.	Hall	10.	Building No. 9.	17.	Building No. 4.
4.	Bolyai János small lecture room	11.	Building No. 8.	18.	Building No. 3.
5.	Eötvös Loránd great lecture room	12.	Building No. 18.	19.	Restaurant
6.	Community garden	13.	Diode Laser Centre	20.	GAMF Dean's Office
7.	Goods entrance	14.	Building No. 7.	21.	Campus Educational Building



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