



UNIVERSITY OF DEBRECEN
FACULTY OF AGRICULTURAL
AND FOOD SCIENCES
AND ENVIRONMENTAL MANAGEMENT

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First Hungarian researcher visits Norway's Bouvet Island

Dr. László Radócz, Associate Professor at UD FAFSEM, has become the first Hungarian researcher to visit Bouvet Island, a Norwegian territory in the Antarctic region. As a member of an international scientific expedition, he spent two weeks on the glacier-covered island, which has been visited by fewer than 200 people in history, making it one of the least-visited places on Earth, with fewer visitors than outer space has received.



Bouvet Island (Norwegian: *Bouvetøya*) covers an area of 58.5 km², with more than 90 percent of its surface blanketed by glaciers. Under Norwegian sovereignty since 1927, the remote, uninhabited island is among the ten least frequently visited locations in the world.

In 2020, I participated in a successful scientific expedition to the South Orkney Islands in West Antarctica. Following the success of that project, I was invited to join another international scientific expedition in February and March 2026, this time to Bouvet Island, part of Norway's Antarctic territory. During the short polar summer, my responsibilities included studying the island's endemic fungal species and lichens, as well as ensuring satellite and shortwave radio communications for the expedition - explained Dr. László Radócz, the expedition's only Hungarian participant, to hirek.unideb.hu

Read the full article:

<https://hirek.unideb.hu/ahol-magyar-kutato-meg-nem-jart-soha-bouvet-sziget>

Source: hirek.unideb.hu



Bouvet Island is a strictly protected nature reserve and Protected Marine Area. Access to the island requires special authorization from the Norwegian Polar Institute (*Norsk Polarinstittutt*) and is subject to rigorous environmental regulations.

The 14-member expedition team, consisting primarily of researchers from Norway, Iceland, Germany, Italy, the Faroe Islands and Ukraine, together with their equipment, was transported by helicopter to one of the island's ice-free elevated areas, where strong winds prevail almost continuously.



Following the successful expedition, the researchers began analysing and preserving the collected samples, as well as processing the scientific data gathered during their fieldwork.



From Plant Pests to Sustainable Precision Farming



One of the greatest challenges facing modern agriculture is the development of effective and environmentally sustainable methods for controlling plant pathogens.

The key elements of this include understanding how infections develop, monitoring and forecasting their progression and developing plant protection strategies based on these findings. These interconnected processes are the focus of the research conducted by Professor Imre Holb, Professor at UD FAFSEM. Over several decades, his scientific work has evolved from classical epidemiological observations through disease modelling to data-driven, sustainable plant protection and crop production solutions.

The occasion for this interview is a prestigious international recognition: Professor Imre Holb has been included in the "World's Top 2% Scientists" list compiled by Stanford University and Elsevier based on Scopus data.

The beginnings: The relationship between orchards and plant pathogens

In the early stage of his career, Professor Imre Holb focused on studying diseases occurring in fruit orchards. His research primarily investigated pathogens affecting fruit crops, with particular emphasis on the environmental conditions influencing the development of infections and the processes leading to disease outbreaks.

Understanding the processes: Disease dynamics and modelling

Later, the research of the Professor at UD FAFSEM increasingly focused on analysing the temporal and spatial dynamics of plant diseases. A central aspect of his work has been to understand how diseases develop over time and to identify the factors that accelerate or slow their spread.

Sustainable approaches: Integrated plant protection and crop production technologies

His research examines how crop production practices, biological control methods and disease forecasting systems can be integrated to maintain effective plant protection while reducing the use of external agricultural inputs.

New opportunities: Digital technologies and artificial intelligence in plant protection

In recent years, the research of the Faculty's professor has expanded to incorporate digital technologies and artificial intelligence into plant protection research and practice.

Looking ahead: Systems thinking in the agriculture of the future

Professor Imre Holb's work is characterised by an extensive international publication record, editorial activities for leading scientific journals, and active international collaborations, all supported by a strong multidisciplinary approach.

According to Professor Holb, systems thinking will play a key role in the agriculture of the future, where understanding and managing complex interactions will be essential for sustainable agricultural production..

Read the full article:

Source: mek.unideb.hu

<https://mek.unideb.hu/hirek/novenyi-jarvanyoktol-fenntarthato-precizios-gazdalkodasig>





Trends in Plant Science journal - a Women around the world in plant science special issue



Prof. Dr. Dobránszki Judit
tudományos tanácsadó,
központvezető

We are proud to share that Prof. Dr. Judit Dobránszki, scientific advisor of our Faculty, is featured in the prestigious journal Trends in Plant Science in the special issue titled “Women around the world in plant science”.

The publication presents 30 outstanding female researchers from around the world on the occasion of the journal’s 30th anniversary, recognising the significance of their scientific work and their inspiring careers.

The publication is available at the following link: [https://www.cell.com/trends/plant-science/fulltext/S1360-1385\(26\)00072-5?fbclid=IwY2xjawRDCVNIeHRuA2FlbQIxMABicmlkETBaM1hpaUo5a3dhZ0dTdlczc3J0YwZhcHBfaWQQMijlyMDM5MTc4ODIwMDg5MgABHtpQ3uhDLU5UPoio7DgiQkltN0HCG1dcimuPmeg25RL0n82QQcq5HFER Rxx aem emDSFyQIsYVFB9 LdpOq2g](https://www.cell.com/trends/plant-science/fulltext/S1360-1385(26)00072-5?fbclid=IwY2xjawRDCVNIeHRuA2FlbQIxMABicmlkETBaM1hpaUo5a3dhZ0dTdlczc3J0YwZhcHBfaWQQMijlyMDM5MTc4ODIwMDg5MgABHtpQ3uhDLU5UPoio7DgiQkltN0HCG1dcimuPmeg25RL0n82QQcq5HFER Rxx aem emDSFyQIsYVFB9 LdpOq2g)

Source: [facebook.com/DEMEK.fb](https://www.facebook.com/DEMEK.fb)

Interreg

Wild animals do not recognize national borders – therefore their management must also go beyond them.

The encounter between wildlife and livestock presents conservation, veterinary and economic challenges.

This gave rise to the INTERREG-ROHU Romanian–Hungarian cross-border cooperation project, implemented with the involvement of our Faculty, aiming at the joint monitoring, protection, and genetic mapping of the region’s wildlife populations.

During the project, researchers, students and professionals met to share their knowledge and experience.

We present a few moments from this project in short video format.

https://youtube.com/shorts/mv4PvZaBLQc?si=3_4sHz09a7L49fcl



Source: [facebook.com/DEMEK.fb](https://www.facebook.com/DEMEK.fb)



Climate change is reshaping agriculture

Serious drought conditions, declining yields, and worsening export prospects are characterising domestic wheat production – this was stated at this year’s Wheat Conference organised by the Faculty of Agricultural and Food Sciences and Environmental Management of the University of Debrecen, and the Agricultural Research Institutes and Farm (AKIT). In Eastern Hungary, only about 10 percent of the average precipitation fell during the spring, which is already threatening autumn-sown cereal crops.



The Wheat Conference, organised by UD FAFSEM and the Agricultural Research Institutes and Farm (AKIT), was held for the 33rd time and once again drew attention to the most pressing challenges in agriculture. This year’s conference focused on drought, water scarcity, and extreme lack of precipitation, all of which pose an increasingly serious threat to Hungarian crop production.

- Most of Eastern Hungary is suffering from severe drought. According to measurements from the Látóképi Crop Production Experimental Station of the Agricultural Research Institutes and Farm of the University of Debrecen, only 5 millimetres of rain fell in March, 2 millimetres in April, and 11 millimetres in May in the region. This amounts to only 10 percent of the average precipitation.

Due to climate change, not only summer crops such as maize, sunflower, and soybean are at risk, but also autumn-sown cereals. While in the past wheat and other cereals could still make use of autumn and winter precipitation, today these crops are also increasingly exposed to drought stress – said Professor Emeritus Péter Pepó, at the opening of the conference.

The professor emeritus of FAFSEM emphasised that the acceleration of slow irrigation development and the easing of administrative burdens on producers are necessary. He stated that the future of Hungarian agriculture will depend on how quickly and effectively it can adapt to drought and water scarcity.



In addition, the professional event also addressed the possibilities offered by agronomic technologies under strict water-deficit and drought conditions, as well as experiences in cereal production. Following the presentations, a practical demonstration was held at the university’s Látóképi Experimental Station, where participants could learn about variety testing, crop rotation, fertilisation, irrigation, and other long-term field experiments.

Read the full article:

<https://hirek.unideb.hu/klimavaltozas-atrendezi-mezogazdasagot>

Source: mek.unideb.hu



Our Lecturers in France



Paris, SoilCET 2nd International Symposium “Exploring soil’s critical role in achieving carbon neutrality”

Representing our Faculty, Associate Professor Dr. Péter Tamás Nagy and Dr. Florence Alexandra Tóth, Research Fellow, participated in the SoilCET 2nd International Symposium held in Paris.

The conference provided an excellent opportunity for our staff to build international collaborations and to engage in joint project planning with universities and research institutes from around the world.

Scientific presentations delivered by our Faculty at the conference:

- Florence Alexandra TÓTH - Péter Tamás NAGY:
Investigation of the effects of soil conditioner composites for enhancing nitrogen mineralization to mitigate the negative effects of climate change in a sandy soil
- Péter Tamás NAGY – Tamás MAGYAR - Florence Alexandra TÓTH:
Study of the effects of heavy metal pollution on soil properties in column experiment



Source: facebook.com/DEMEK.fb

International conference in Slovakia

Three students of our English-language Plant Protection MSc programme successfully represented our institution at the 24th International Scientific Conference, organised by the Faculty of Biotechnology and Food Sciences of the Slovak University of Agriculture in Nitra (Slovenská poľnohospodárska univerzita v Nitre), held in Nitra.

Our students delivered high-quality and successful presentations::

- **Muhammad Wasif** – Application of dsRNA technologies to enhance wheat resistance
- **Dinaer Yeerlan** – The role of CHV1 mycovirus in controlling chestnut blight
- **Aliya Sipuldina** – Investigation of fungal pathogens affecting wheat in Northern Kazakhstan

All participants received certificates of recognition from Dean Prof. Ing. Norbert Lukáč.

The students’ participation was coordinated and professionally supported by: Dr. Gábor Tarcali senior research fellow and Rabbi Hoque PhD student (Plant Protection Institute)



Source: facebook.com/DEMEK.fb





Univerzum: Digital shepherds on the pasture

Debrecen in Kismacs make farmers' work easier, it also places sustainable and low-stress animal husbandry on a scientific foundation. The experts monitor the livestock using leg-mounted sensors that have already proven effective in the cattle sector, but are still considered novel in small ruminants.

Further details are available in the latest report of the scientific series produced by the DE M. Tóth Ildikó Press Centre.

Modern animal husbandry in the 21st century is under immense pressure. By 2050, the world will need to feed ten billion people, while facing global labour shortages and increasingly strict animal welfare regulations. Small ruminants such as sheep and goats play a key role, as they are capable of converting low-quality pasture vegetation into valuable protein. But how can this process be made more efficient?

The answer is precision livestock farming. While this is already standard in cattle farming, the situation is more challenging in sheep farming: there is no Wi-Fi on pastures, and the devices must withstand mud and impact. Researchers at the University of Debrecen are currently testing these smart solutions. The results so far are highly promising, and the success of the methodology has already been recognised by the international scientific community.



But how does a sheep “smartwatch” work? What exactly does it measure, and how can the collected data be applied in livestock production? Find out in the latest episode of the Univerzum magazine.

Click here to access more episodes of [“The Universe”](#).

Read the full article:

<https://hirek.unideb.hu/univerzum-digitalis-pasztorok-legelon>

Source: hirek.unideb.hu



The Fascinating World of Plants at the Faculty of Agriculture



How does love find its way to plants? What do morning coffee or a birthday cake have to do with plant reproduction? On the occasion of the International Fascination of Plants Day, UD FAFSEM organised exciting interactive programmes, exhibitions, and science-popularising lectures between 20 and 22 May. On Wednesday, visitors were also able to learn about the space plant experiments carried out in Debrecen by astronaut-researcher Kapu Tibor.

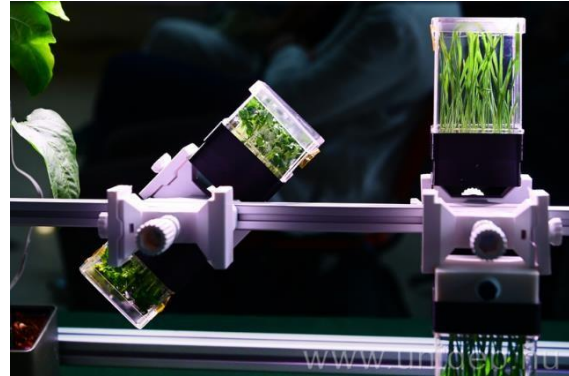
The International Fascination of Plants Day (Fascination of Plants Day) was organised for the seventh time this year by plant scientists around the world, coordinated by the European Plant Science Organization (EPSO).



Read the full article:

<https://hirek.unideb.hu/novenyek-lenyugozo-vilaga-az-agrarkaron>

The biennial event was also joined by partners of the Faculty. On the first day of the programme series, visitors were able to learn about the University of Debrecen's VITAPRIC project, including its space plant cultivation experiments conducted by astronaut-researcher Kapu Tibor aboard the International Space Station.



On the second and third days of the event, on Thursday and Friday, popular science lectures covered topics such as the survival strategies of cacti, the importance of biodiversity in gardens, and the activation of water retention and biological cycles. On Thursday, visitors could also take part in the planting of succulent plants.

Within the framework of the event, visitors were able to view valuable herbarium sheets from the Institute of Applied Plant Biology of FAFSEM, as well as museum-quality pressed plants, medicinal plants, and mosses. They also had the opportunity to purchase the first or a new member of their own succulent plant collection.

Source: hirek.unideb.hu

Water retention is also in focus at the University of Debrecen

UD would place its multidisciplinary approach at the service of water retention – this was stated at the 1st Debrecen Environmental Protection and Water Management Forum. At the university conference, participants from water management, nature conservation, agriculture, and industry discussed the consequences of water scarcity, the challenges of water retention, and best practices in the field. The State Secretary of the Ministry responsible for the Living Environment presented the government's new environmental strategy.

Zoltán Bács, Rector of UD, emphasised that the most important scientific and policy discussions in the coming years will focus on climate change and water retention.

Zsolt Rozinka, State Secretary for Public Administration, outlined three pillars of the ministry's operation. 1. The establishment of a strong environmental institutional system with a central environmental authority. Independent regional environmental authorities will be created, with strict penalty and insurance regulations ensuring the enforcement of the "polluter pays" principle. 2. Environmental policy will be organised on a scientific basis. He is aware that his colleagues have received the necessary professional foundation, which ensures the basis for joint thinking. The third pillar is long-term thinking. He promised to listen to civil society proposals and place greater emphasis on environmental education. Zoltán Szilvássy, Director of the Multidisciplinary Health Industry Coordination Centre, emphasised that UD, with its multidisciplinary capabilities, aims to contribute to environmental protection, water management, and sustainability alike.

Read the full article:

<https://hirek.unideb.hu/vizmegtartas-debreceni-egyetem-fokuszaban>



Participants also heard presentations on climate adaptation challenges, water replenishment experiences affecting the Tisza region and Debrecen, industrial water management, and the impacts of water retention on agricultural production and biodiversity.



Szabolcs Lengyel, Director of the Competence Centre for Biodiversity, Water Management and Climate Change, gave a presentation on the habitat restoration of the Hortobágy region.

In the afternoon, a roundtable discussion was held on municipal water retention practices. Presentations were also given on food security and drinking water issues. The conference concluded in the evening with a plenary session.

Source: hirek.unideb.hu

Without them there is no future: pollinators take the spotlight at the Entomology Conference



May 20 is World Bee Day. In connection with this, this year the focus was on pollinating insects at the 6th Debrecen Applied Entomology Conference, where researchers, lecturers, and practitioners from the University of Debrecen presented their research results and discussed the most current issues in entomology.

The professional programme – which this year once again took place in the heart of the Nagyerdő at Zoo Debrecen – was first organised in 2021 by the Plant Protection Institute of the Faculty of Agricultural and Food Sciences and Environmental Management of the University of Debrecen, with the aim of providing a forum for presenting applied entomological research in the Carpathian Basin, as well as offering opportunities for professional dialogue and collaboration. In the first four years, the conference was held online, but due to growing interest and the demand for in-person meetings, it was organised on-site in 2025, a format continued this year as well.

In his opening speech, Dean László Stündl emphasised the importance of biodiversity.

László Stündl also made a request to the organisers: to make the results understandable and available to the general public as well, thereby contributing to the University's "third mission" activities in education and outreach.

In addition to pollinators, the programme of the forum covered many other areas of entomology. Topics included the reproductive biology of pest cutworms, faunistic and biogeographical research, forest protection issues, as well as the application of modern artificial intelligence-based technologies. The conference once again demonstrated that entomology is not only a narrow academic field, but also a discipline of key importance for agriculture, nature conservation, and society as a whole.



The conference was jointly organised by the FAFSEM, the Faculty of Science and Technology of UD, the Nagyerdei Cultural Park, HUN-REN ATK, and the Plant Protection Working Committee of the Agricultural Committee of the MTA-DAB. The organisers aim to elevate the conference to an international level in the near future.

Read the full article:

<https://hirek.unideb.hu/nelkuluk-nincs-jovo-beporzok-kerultek-fokuszba-rovartani-konferencian>

Source: hirek.unideb.hu

Innovation, knowledge, agriculture – diverse programmes; DE AKIT and the Faculty of Agriculture in Hódmezővásárhely

UD FAFSEM, together with the Agricultural Research Institutes and Farm of UD, welcomed visitors with innovative agricultural solutions, engaging professional presentations, and interactive programmes at the 32nd Alföld Livestock and Agricultural Days International Exhibition and Fair. From 14 to 16 May, the professional event held in Hódmezővásárhely focused on the most current issues in agriculture and the food industry at UD's exhibition stand.



The presence of UD and our Faculty is equally about science, innovation, and practical applicability. The exhibition space is a meeting point where knowledge, experience, and future agricultural solutions come together. Our goal is not only to present ourselves, but also to facilitate knowledge transfer and direct networking. We aim to provide tangible knowledge to producers, professionals, and all interested visitors who wish to learn about the latest research results and technological trends, and gain insight into the world of modern agricultural research and education,” the Dean of UD FAFSEM told hirek.unideb.hu.

The university stand showcased the Faculty and its affiliated institutions and service units. Visitors were able to learn about the activities of the Agricultural Research Institutes and Farm of the University of Debrecen, as well as the Faculty's services in animal husbandry, crop production, food science, and precision agriculture. At the event, visitors were introduced to the breeds and varieties developed and marketed by DE AKIT, as well as indigenous poultry species and the uniquely valuable Gidran horse population in Hungary.

“The Faculty also places special emphasis on presenting its educational portfolio. Visitors can gain a comprehensive overview of our undivided programmes, as well as BSc and MSc degrees and postgraduate specialisations. This can be particularly useful for young people considering their career choices, as well as for professionals seeking further development in the sector,” added László Stündl.

Source: hirek.unideb.hu.

Read the full article:

<https://hirek.unideb.hu/innovacio-tudas-agrarium-szines-programokkal-var-de-akit-es-mek-hodmezovasarhelyen>



AgroFuture 2026 Conference – Roundtable discussion titled “Artificial Intelligence (AI) in Agriculture”



The AgroFuture 2026 conference’s roundtable discussion titled “Artificial Intelligence (AI) in Agriculture” was held with great success and strong participation, offering an engaging and forward-looking professional dialogue on the digital future of agriculture.

We are proud that Professor Emeritus Dr. János Nagy, professor emeritus of our Faculty, participated in the professional discussion titled “Artificial Intelligence (AI) in Agriculture,” where participants shared their thoughts on the technological breakthroughs facing agriculture, data-driven farming, and the practical application of AI.

The discussion highlighted that the future of agriculture lies in the cooperation between modern technologies and high-level professional expertise. Artificial intelligence can open new horizons in efficiency, sustainability, and competitiveness, while human experience and decision-making remain indispensable.

Further information:

<https://www.agrarszektor.hu/innovacio/20260520/robotok-lepik-el-a-magyar-foldeket-elkepeszto-valtozas-jon-itthon-62264>



Source: facebook.com/DEMEK.fb

Cooperation agreement with the Kurdistan Animal Protection Organization

An agreement on cooperation has been signed between the Institute of Animal Science, Biotechnology and Nature Conservation of our Faculty and the Kurdistan Animal Protection Organization (KAPO), focusing on animal welfare, wildlife protection, nature conservation, and environmental sustainability through ethical and scientifically grounded research and education.



Our shared goal is to contribute to sustainable ecosystems and support animal welfare initiatives in the Kurdistan region of Iraq through research, education, and field-based initiatives.

The Kurdistan Animal Protection Organization and our Institute aim to build an effective partnership in the future that combines academic expertise with practical experience, primarily in the fields of animal protection and environmental sustainability.

Source: facebook.com/DEMEK.fb





Support for researchers raising children awarded by the Hungarian Academy of Sciences



The Hungarian Academy of Sciences (MTA) has announced its call for proposals aimed at supporting the scientific career development of researchers raising children. This year, 40 winners were selected, including five employees of UD, who received funding to support the preparation of their doctoral dissertations required for obtaining the title of Doctor of the Hungarian Academy of Sciences and for the publication of their scientific results.

A total of 57 valid applications were submitted. Proposals were received from all three major fields of science: humanities and social sciences, life sciences, and mathematical and natural sciences.

The applications were evaluated by a jury of experts based on professional and equal opportunity criteria, after which they made recommendations for funding. Based on the jury's proposal, the final decision on the awarded applications was made by the Secretary-General of the MTA.

The supported applicants may receive a total of 60 million HUF in scholarships across the two categories.

The full list of winners is available by clicking [here](#).

The support can be used between 1 May 2026 and 30 April 2027, with a selectable duration of three, four, six, eight or twelve months, in a monthly breakdown corresponding to the chosen period.

From the University of Debrecen:

- • *Petra Arany (Department of Pharmaceutical Technology, Faculty of Pharmacy) – Determination of pre-analytical parameters of drug delivery systems produced using FDM-HME technology and their effect on the quality characteristics of 3D-printed products,*
- • *Anita Boratkó (Institute of Medical Chemistry, Faculty of Medicine) – The role of protein phosphatase regulatory subunits in the regulatory specificity of signalling pathways,*
- • *Andrea Kun-Nemes (Centre for Complex Systems and Microbiome Innovations, Faculty of Agricultural and Food Sciences and Environmental Management) – Investigation of the effects of exogenous melatonin on plant development,*
- • *Dóra Nagy-Bojcsuk (Institute of Biochemistry and Molecular Biology, Faculty of Medicine) – CpG-rich enhancers as key regulators of tissue macrophage identity, and*
- • *Nikolett Zoványi (Department of Civil Law, Faculty of Law and Political Sciences) – The assessment of airline contractual breaches in European Union law: developments and opportunities, with her research project winning the support.*

Read the full article: <https://hirek.unideb.hu/gyermeket-nevelo-kutatokat-tamogat-az-mta>

Source: hirek.unideb.hu
Source: MTA







Apply for UD FAFSEM adult education programmes!

Do you want to gain new professional knowledge, try yourself in unique culinary experiences, or simply spend a useful day during the summer? The renewed adult education portfolio of the Faculty of Agricultural and Food Sciences and Environmental Management of the University of Debrecen (DE-MÉK) offers a wide range of exciting opportunities this summer as well.

In the third quarter, a total of 10 different courses are offered in 14 scheduled sessions. In addition to the most popular courses, the programme includes several new additions, meaning that both professionals seeking practical skills and hobby-level enthusiasts can find a course that suits their interests.

The short-term courses cover five main fields: crop production, animal husbandry, food science, analytical methods, and technical knowledge. Participants can learn about the use and evaluation of aerial imaging, or even the professional techniques of keeping reptiles and amphibians. For those interested in flavours and creativity, special gastronomy courses are available.

Participants can learn cheese-making, Italian bread baking, and the techniques of braided yeast doughs, mastering the art of plaiting.

Registration for the courses is now open.

Further information and the full list of courses are available on the following page: <https://mek.unideb.hu/felnottkepzes>

DEBRECENI EGYETEM MEZŐGAZDASÁG-
ÉLELMISZERTUDOMÁNYI ÉS KÖRNYEZETGAZDÁLKODÁSI KAR

Felnőttképzési nyilvántartási szám: B/2020/001456

FELNŐTTKÉPZÉSEK

2026. JÚLIUS - SZEPTEMBER



TOVÁBBI INFORMÁCIÓK:

Those interested in laboratory work can take part in grain analysis and food hygiene–microbiological practice, while nature enthusiasts can deepen their knowledge in the world of medicinal plants.

One of the greatest advantages of UD FAFSEM courses is the small-group, friendly atmosphere, which allows for real personal consultation and hands-on practical experience. Participants gain not only knowledge but also applicable skills.

The courses are not accredited adult education programmes and therefore do not provide formal qualifications; however, a certificate is issued for successful completion. The programmes are an ideal choice for those who want to acquire up-to-date, practice-oriented knowledge in a short time.

Source: mek.unideb.hu





Agriculture graduates received their diplomas

The agricultural higher education of Debrecen, building on 158 years of tradition, saw 185 students of the Faculty of Agriculture, Food Science and Environmental Management of the University of Debrecen receive their diplomas in the Main Building's ceremonial hall. Among the graduates, 116 earned excellent, distinguished, or highest honours degrees.

At the ceremony, awards were presented before the graduates took their oath. Twenty-two students fulfilled the requirements of the University of Debrecen's Talent Development Program. Nine students received certificates from the Kerpely Kálmán College for Advanced Studies, while thirteen students were awarded certificates from the Tormay Béla College for Advanced Studies.

The Rector and the Senate of the University of Debrecen awarded the title of Honorary University Professor to Zoltán Bódi, lead development engineer at Syngenta Ltd. in the seed development group. The title of Honorary Associate Professor was granted to Tibor Bíró, head of department at the Directorate of the Bükk National Park, Judit Fodor, plant protection specialist and commercial director of Sumi-Agro Hungary Ltd., and Péter Riczu, head of project management at KITE Zrt.

Based on the decision of the University of Debrecen Student Union, Eszter Szőke, MSc student in undivided agricultural engineering, received the University of Debrecen Outstanding Student award. Certificates of Recognition from the President and Vice-President of the Student Union were awarded to Janka Karacs, Csaba Lengyel, Ruben Martyin, and Eszter Szőke (undivided agricultural engineering MSc students), Petra Molnár (MSc in Nature Conservation Engineering), and Omphulusa Nekhumbe (MSc in Food Safety and Quality Engineering).

The Student Union of the University of Debrecen awarded the Alma Mater Commemorative Medal to Flóra Fodor (MSc in Animal Husbandry Engineering) and Dóra Nagy (BSc in Agricultural Engineering). A Certificate of Recognition from the Presidency of the Student Union was received by László Bor, MSc student in undivided agricultural engineering.

For the 2025/2026 academic year, the Lecturer of the Year award was given to László Kövér, associate professor at the Department of Wildlife Biology and Game Management.

Read the full article: <https://hirek.unideb.hu/atvettek-diplomaikat-vezzos-agrarhallgatok>

Source: hirek.unideb.hu





Hungarian-Indian Agricultural Cooperation at the University



UD FAFSEM signed an agreement with the international training organization Pronix Learning covering educational cooperation, support for student mobility, organization of joint professional internships, and international grant partnerships. Within the framework of the cooperation, the first group of thirty Indian students arrived for a two-week practice-oriented international training program at the faculty.



Pronix Learning organizes short- and long-term practical agricultural training programs in countries including the United States, the United Arab Emirates, Israel, Germany, Denmark, Sweden, and the Netherlands for young professionals and university students involved in Indian agriculture. The faculty expressed its appreciation that the organization chose its institution in Hungary for this pioneering activity.

The short-term training program was tailored to the needs of the visiting students in order to provide a comprehensive overview of Hungarian agriculture, as areas such as climate change, drought-resistant farming, water-saving technologies, and genetic improvements are becoming increasingly important. The COVID-19 pandemic also highlighted the importance of food self-sufficiency. The exchange of good practices is expected to support the development of the agricultural sectors of both countries.



Pronix Learning has been a leading institution in India for international professional experience programs since 2013. At the signing of the agreement, it was stated that the cooperation between the Faculty and Pronix Learning will further strengthen professional relations between the Hungarian and Indian agricultural sectors, and may open new long-term training opportunities for Indian students in addition to international agricultural knowledge exchange.

Following the signing, Nitin Thakoor met with the instructors involved in the program and visited the practical sites, laboratories, and the university farm..

Read the full article:

<https://hirek.unideb.hu/magyar-indiai-agraregyuttmukodes-debrenceni-egyetemen>

Source: hirek.unideb.hu





The University of Debrecen at the 6th Balaton



Several faculties of the University of Debrecen participated in the Balaton region's largest career orientation event. The professional event, called Balatoni Szakmakikötő, was organized for the sixth time by the Siófok Vocational Training Centre. On Friday, April 17, at the harbours of Siófok and Fonyód, the Faculties of Health Sciences, Economics, Informatics, Agriculture, Food Science and Environmental Management, as well as Science and Technology presented themselves.

The University of Debrecen and the Siófok Vocational Training Centre have maintained active cooperation for more than two years with the aim of aligning vocational and higher education and improving the educational standards of the region. The purpose of the participation in the Balatoni Szakmakikötő career orientation day is to present a shared, comprehensive vision of the future to primary school students in the Balaton region

Although the Faculty of Agriculture, Food Science and Environmental Management does not yet offer training programmes at the Siófok Campus of the University of Debrecen, it plans to do so in the future; therefore, it is important for the institution to be actively present in the region's professional life and to reach young people before they choose their careers. At the event, visitors could gain insight into the diverse activities of the faculty and experience its world first-hand. They were introduced to food products produced under the UNIFOOD brand, could try making cotton candy, and had the opportunity to explore precision agriculture technologies that define modern farming. The aim of the programme was not only to provide information but also to bring young people closer to future careers in agriculture and food science through hands-on experiences.

At the 6th Balatoni Szakmakikötő, alongside the schools of the Siófok Vocational Training Centre, dual partners and professional and civil organizations supporting vocational education in the Balaton region also presented themselves.

Read the full article:

<https://hirek.unideb.hu/debreceni-egyetem-vi-balatoni-szakmakikoton>

Source: hirek.unideb.hu





Predator Control in Practice



Within the framework of the subject Habitat Development, undergraduate wildlife management engineering students from the Faculty visited the Szőke Rét Hunting Association in Hajdúbagós (president: Olivia Szűcs), where they gained first-hand insight into the theory and practice of predator control, presented by professional hunters Sándor Való and Attila Mózsik.

During the field day, students encountered various trap types, firearms, and other technical equipment, and also received an introduction to the world of bow hunting from the two professionals.



Source: facebook.com/DEMEK.fb

Field practice – Nature conservation engineering students

Our future nature conservation engineers had a great time working in the middle of the forest.



Our first-year nature conservation engineering BSc students participated in a one-day field practice in the oak forest near Nagycsere, organized by the Department of Wildlife Biology and Game Management of the Faculty. The field programme was led by Professor Lajos Juhász, with assistance from teaching assistant Norbert Tóth. The group was accompanied by administrative staff member Erzsébet Vári, alongside assistant professor Péter Gyüre.

During the practice, the main activities included nest box repair, observation of various herbaceous plant species, and bird ringing. The group encountered seven bird species up close, including the beautifully colored hawfinch, which the students also photographed.

Source: facebook.com/DEMEK.fb





Chemistry Prep Course for High School



The Chemistry Coordination Institute's popular "Chemistry Preparation Course for Secondary School Students" programme has come to an end.

The most diligent students were given the opportunity to prepare for their final exam through a five-hour laboratory practice session.

The sessions were led by Professor Katalin Várnagy (Faculty of Science and Technology), Sándorné Dr. Sándor Kincses (FAFSEM), Dr. Ágnes Homolya (Faculty of Pharmacy), Nóra Kovács (Faculty of Science and Technology), and Dóra Bonczidai-Kelemen (Faculty of Science and Technology).

The organizers warmly welcome interested students again in the next academic year.

Citizen Science

Staff of the Institute of Water and Environmental Management of the Faculty held an interactive presentation for students of the DSZC Creative Technical School as part of the Citizen Science lectures.

During the programme, participating secondary school students were able to learn about water quality processes through real samples and hands-on experience, while also gaining insight into how scientific work is carried out in practice.

The aim was to bring science closer to young people and to draw attention to the importance of environmental sustainability.

Source: facebook.com/DEMEK.fb



Source: facebook.com/DEMEK.fb





Our students at Syngenta Magyarország Kft. plant

Agricultural engineering students of our graduating class visited the seed processing plant of Syngenta Hungary Ltd. in Mezőtúr as part of a field practice organised by the Institute of Crop Production, Plant Breeding and Crop Technology of the Faculty.

During the practice, students attended an interesting professional lecture on current issues in maize breeding, and they also followed the entire seed processing workflow, from the reception of the harvest to bagging.

Source: [facebook.com/DEMEK.fb](https://www.facebook.com/DEMEK.fb)



Practical knowledge in agricultural education!

In line with the “bringing practical experience into education” approach, agricultural engineering students participated in an engaging and informative lecture.

Gábor Kökény and Csaba Polgári, experts from Bayer Hungária Ltd., Bayer Crop Science division, provided insight into the world of seed and sowing technology development, as well as the emergence of pesticide resistance and its possible prevention methods.

Source: [facebook.com/DEMEK.fb](https://www.facebook.com/DEMEK.fb)





Technical Tools for Precision Wildlife Management”

Research becomes truly valuable when it can be transformed into knowledge that is passed on.

Within the framework of the WILD-SM project, a new course was created titled “Technical Tools of Precision Wildlife Management,” which provides students with the opportunity to directly learn about the current challenges and methods of wildlife monitoring and protection.

In this way, the project not only delivers scientific results but also contributes to the professional development of the next generation. Further details about the course are presented in the video below by Dr. Árpád Illés, assistant professor of the Faculty.

<https://youtube.com/shorts/30onJRskolg?si=px9MVkmvGG0SSSLd>

Source: facebook.com/DEMEK.fb

Ecotourism class in Hortobágy

Within the framework of the Ecotourism course, third-year BSc nature conservation engineering students travelled to Hortobágy by train in line with a green mindset to study the ecotourism sites and services of the national park in practice.

The group began the professional day at the Hortobágy National Park Visitor Centre, where they attended a lecture by Dóra Leskuné Bikki, head of the Ecotourism and Environmental Education Department of the HNPI.

Afterwards, the students visited the recently renovated Pásztor Museum, where they gained interactive insight into the past and present of traditional herdsmen. Following a visit to the Tourinform office, the day ended at the Wildlife Park, where, after a jeep safari, the animals of the park were introduced. The exclusive tour was led by former student Evelin Ipacs.

Source: facebook.com/DEMEK.fb





We went on a professional field trip to Csatári Farm!



Students of our Faculty gained first-hand practical experience in a 300-hectare farm engaged in complex crop production and animal husbandry, where they were introduced to the most modern solutions of precision agriculture within a study trip organised by the Institute of Land Use, Agricultural Engineering and Precision Technology.



During the visit, the following were demonstrated:

- precision sunflower sowing
- variable-rate application and automatic steering systems in practice
- beef cattle husbandry technology and data-driven farm management systems
- application of the AgroVIR digital farm management system
- Drone technologies used for monitoring and feeding support

The visit was an excellent example of how university-level theoretical knowledge connects with practical innovation. Students were able to experience first-hand how digitalisation and precision technologies are shaping the future of agriculture.

Source: facebook.com/DEMEK.fb

Parmen visit

On April 28, students of food engineering participated in a highly informative professional lecture, where the management of Parmen Zrt. provided insight into the world of the canning industry.

Managing Director István Széll presented the company's operations, as well as the role and responsibilities of food engineers within the industry.

This was followed by a detailed introduction to production technologies, made even more engaging by an interactive tasting session led by plant manager László Seres.

The presentation concluded with information about internship and career opportunities at Parmen Zrt., which was particularly valuable for students planning their professional careers.



Source: facebook.com/DEMEK.fb





From winter to Spring

Second-year environmental engineering students embarked on a field training program covering mountainous terrain. During their four-day field practice, the students reached the higher-altitude regions of the Bihor Mountains in Romania, above 1100 meters, where they had the opportunity to observe unique animal and plant species due to the cooler climate.



In addition to the professional experience, excellent photographs were taken of the fields of Carpathian crocuses, marsh marigolds, and, thanks to the special microclimate, lesser celandine that, unlike the usual violet form at home, bloomed here in white.

The field practice was led by Prof. Dr. Lajos Juhász, Head of Department at our Faculty. According to the students' feedback, the group could not have been in better hands, as most of the observed plant species were perennials, which were easily located thanks to the professor's decades of experience.



During the field training, in addition to the flora, the fauna also revealed itself. Viviparous lizards were hiding among the tufts of grass, and a common viper was also observed, making the cohort particularly fortunate.

The photographs were taken by Ivett Nagy, BSc Wildlife Management Engineering student, second-year student.

Source: [facebook.com/DEMEK.fb](https://www.facebook.com/DEMEK.fb)

Field practice along the Tisza and Sajó rivers

Our wildlife management engineering BSc students and environmental management agricultural engineering MSc students, both Hungarian and international, visited the Szamárháti Farm of the Tiszatáj Foundation.

The focus of the professional day was habitat management activities carried out on the nature conservation foundation's territory, as well as wildlife management practices. Students had the opportunity to observe several hundred Hungarian Grey cattle and domestic water buffalo at close range, and also watched a professional documentary film.

The day was concluded with a traditional Hungarian meal of grey cattle goulash soup, accompanied by oven-baked sweet cottage cheese pastry.

The day was concluded with a traditional Hungarian meal of grey cattle goulash soup, accompanied by oven-baked sweet cottage cheese pastry.

Source: [facebook.com/DEMEK.fb](https://www.facebook.com/DEMEK.fb)





Sustainable herbal- and edible plants lecture at the Árpád Tóth High School in Debrecen



Dr. Judit Éva Lelesz, Assistant Professor at our Faculty, accepted an invitation from Tóth Árpád Gymnasium and delivered an educational lecture for students as part of the school's Sustainability Thematic Week on the collection of medicinal and edible plants.

The lecture took place in a very pleasant atmosphere, during which students asked several engaging questions, particularly about wild garlic and other edible, spice, and medicinal plants that can be collected in spring.

Source: [facebook.com/DEMEK.fb](https://www.facebook.com/DEMEK.fb)

Kisköre –the power of the Tisza meets the harmony of nature



Organized by our Institute of Water and Environmental Management, our students went to a field practice at the Kisköre Hydroelectric Power Plant and the Kisköre Barrage, one of the most significant water management facilities in the Tisza Valley.

Source: [facebook.com/DEMEK.fb](https://www.facebook.com/DEMEK.fb)





Field trip in Nyírbátor

We recently spent a productive professional day in the town of Nyírbátor, where, at the headquarters of Bátortrade Ltd., our students were able to gain insight into the world of state-of-the-art irrigation technologies, in an event organized by our Faculty's Institute of Water and Environmental Management.

During the visit, we became acquainted with:

- the operation of linear irrigation systems
- alternative water storage solutions
- the practice of applying fermented liquid manure (fermentate irrigation)



After the professional program, we also had time for a bit of culture: we visited the beautiful Kállay Mansion in Kállósemjén, where the historic setting provided a fitting conclusion to the day.

Source: facebook.com/DEMEK.fb

Wildlife management engineering students on a study tour

Students of our Wildlife Management Engineering program visited the Gúth Forestry District of NYÍRERDŐ Plc. within the framework of the "Game Crops and Pasture Management" course.

During the visit, Mihó Mihály, Head of the Hunting Division of the forestry district, delivered a professional presentation to the students on the practical importance of game fields, wildlife orchards, and game crop management.

The students were accompanied by the former course instructor, Prof. Dr. Géza Nagy, Professor Emeritus (University of Debrecen, Faculty of Economics), and Dr. Renáta Klein (UD FAFSEM), Assistant Lecturer.



Source: facebook.com/DEMEK.fb





After the theory, it's time for practice! Our students on a professional study tour

Our horticultural engineering students spent a productive day visiting three key regional farms, gaining insight into the behind-the-scenes realities of modern vegetable production.

- Hajdúszoboszló – Irrifarm Ltd.:

At the beginning of the season, the focus was on large-scale agricultural machinery. Students observed close-up operations of pea and sweet corn harvesters, irrigation technologies, and became familiar with the “finometer” system, which is essential for precise pea harvesting.

- Derecske – KITE Zrt. Seedling Nursery:

A look into the world of high-tech seedling production. Students explored coco coir-based propagation systems and the specialized grafting of seedless watermelon, where interspecific rootstocks and controlled rooting chambers ensure the foundation of next season’s yield.

- Hosszúpályi – Germes Agrár Ltd.:

How does a farm respond to the challenges of climate change and pest pressure? Students learned about the professional background behind a technological shift from pepper production to watermelon cultivation.

Source: [facebook.com/DEMEK.fb](https://www.facebook.com/DEMEK.fb)



Professional visit in fruit orchards



Within the framework of a professional study tour, our BSc horticultural engineering students visited the intensive fruit orchards of Hajdúdorogi Bocskai Mezőgazdasági Zrt., organised by the Department of Horticultural Science of our Faculty.

The visiting group was welcomed on behalf of the company by Szabolcs Rácz, horticultural engineer and production manager. The farm’s dominant crop is sour cherry, which accounts for more than half of the production area, while the remaining orchards consist of apple, sweet cherry, and walnut plantations.

During the visit, participants had the opportunity to become familiar with the cultivation systems applied to the different fruit species, the relevant production technologies, as well as the main challenges and risk factors of fruit production. Among other topics, emphasis was placed on the importance of site selection for production reliability, as well as the increasing challenges posed by extreme weather conditions.



Source: [facebook.com/DEMEK.fb](https://www.facebook.com/DEMEK.fb)





Unusual professional history lesson in Kassai Valley

Within the framework of the “Equestrian Culture and Equestrian Traditions” course, our BSc students in Horse Breeding and Equestrian Sports Organization experienced a truly special occasion: we took part in a Living Interactive History Lesson at the Kassai Valley, led by Lajos Kassai, master of mounted archery.

During the programme organised by the Department of Crop Production, Plant Breeding and Crop Technology, our students gained first-hand experience of Hungarian equestrian traditions, the spirit of mounted archery, and the unique values of our historical heritage.

Source: facebook.com/DEMEK.fb



Professional visit in Alföld Ltd in Debrecen

Within the framework of a professional plant visit, our MSc students in Food Safety and Quality Engineering also participated in an insightful study tour at the Alföldi Tej Ltd. dairy plant in Debrecen, where they were given an overview of the intricacies of milk processing.

It was particularly interesting to see the modern production lines in operation, the precisely organised technological processes, and the exceptionally high level of hygiene that characterises the entire facility.

During the visit, students received a wealth of professional information on production processes, quality assurance, and various industrial engineering technologies.

One of the highlights of the day was the sensory evaluation and tasting of freshly packaged túró (curd cheese), which proved to be exceptionally delicious, while the various cheeses also received great appreciation from the students.

Source: facebook.com/DEMEK.fb



Professional Dialogue, Research, and Talent Development

With the aim of establishing a new tradition, UD FAFSEM organised its first Thesis Topic and Talent Day. The event provided information for students who are preparing to choose their thesis or diploma project topics, as well as for those interested in scientific student research activities.



The first step in starting students' own research or investigations is to find a topic that best matches their interests. The event supported this process by enabling students to learn about the thesis and research topics offered by the institutes, research groups, and professional workshops of the Faculty through personal meetings and direct professional discussions. Participants were also given insight into the process of scientific student research and talent development, and had the opportunity to seek supervisors and research sites for their own ideas.

In his opening speech, Dean László Stündl emphasized the role of personal mentoring and research communities in higher education. Vice-Dean for Education Péter Sipos spoke briefly about the professional aspects of thesis topic selection and international opportunities.

Read the full article:

<https://hirek.unideb.hu/szakmai-parbeszed-kutatas-es-tehetseggondozas-mek-en>

Vice-Dean for Science Szilvia Veres and Professor Lajos Juhász highlighted the importance of scientific student research and talent development, encouraging students to view thesis topic selection as a form of long-term professional potential that may shape their scientific interests and future career paths.



Participants were also introduced to the opportunities offered by the Faculty's Kálmán Kerpely and Béla Tormay Colleges for Advanced Studies, as well as the benefits of the University of Debrecen's Talent Development Program. The event also addressed the fact that research and investigations can be carried out not only within the university, but also, through mobility programmes, partially or entirely at partner universities and research institutes abroad. Detailed information on these opportunities was provided by the International Office



Source: hirek.unideb.hu



Field trip on Karszt

First-year BSc students in Nature Conservation Engineering participated in a three-day professional field excursion in the Gömör-Torna Karst region.



The focus of the study tour was the exceptionally rich natural heritage of the Aggtelek National Park.

The group began by exploring the mining history of the region, followed by a survey of Jósvalfó, a picturesque “jewel box” village. They then carried out botanical fieldwork in the Szelce Valley, until their attention was gently “interrupted” by the friendly horses of a free-roaming Hucul stud. The day concluded with a night hike, during which they explored Derenk, the “village of the dead,” equipped with headlamps, tracing the memory of a once-existing Polish–Hungarian community.



On the second day, the excursion continued to the Szádelő (Zádiel) Gorge and Plateau.

During the nearly 10 km hike, everyone got thoroughly soaked in the rain, but the sight of the protected northern dragonhead (*Dracocephalum ruyschiana*) found on the plateau made up for the discomfort. They later climbed Szádvár, one of Hungary’s largest castles by area, then Sándor András Boldogh, zoological specialist of the national park directorate, delivered an engaging lecture on the joys and challenges of conservation work.



On the final morning, Dr. Sándor Kövér gave a lecture on the vocation of nature conservation, followed by a mid-level cave tour of the Baradla Cave. The programme concluded on Esztramos Hill.



Returning to campus, the group arrived physically tired but mentally and emotionally refreshed. The field practice was led by associate professor László Kövér and assistant lecturer Rebeka Balogh Aszalósné.

Source: facebook.com/DEMEK.fb





Our students in Sardinia on a professional trip

In the first week of June, 15 students from Agricultural Engineering and Animal Husbandry Engineering programmes took part in an unforgettable study tour rich in professional experiences.



The group was hosted by the AGRIS Sardegna – Agenzia per la ricerca in agricoltura (Agricultural Research Agency of Sardinia), where, under the guidance of researchers Dr. Valeria Giovanetti and Fabrizio Chessa, they gained direct insight into the reproductive biology work involving Sarda sheep. Our students also actively participated in the work: they froze reproductive material, inseminated ewes, and carried out estrus synchronization procedures. In addition, they visited the pasture gardens of the Bonassai facility and were introduced to the world of PLF (Precision Livestock Farming) technologies.

The intensive programme also included a visit to the processing industry: at the Pinna Formaggi dairy plant in Thiesi, they followed the production process of the famous Pecorino Romano cheese. Finally, at the experimental farm of the University of Sassari, guided by Prof. Antonello Cannas, they became familiar with the milking parlour, metabolism chambers, and feeding trials.

The study tour was organised by our colleague assistant lecturer Dr. Renáta Klein, with additional supervision provided by Dr. Nóra Vass Pálfyné, assistant professor, and Dr. János Oláh, senior research fellow.

The professional study trip was implemented with the support of the University of Debrecen International Office within the framework of the Pannonia Scholarship Programme.



Source: facebook.com/DEMEK.fb





Professional trip to Fehérgyarmat Forestry



A genuinely inspiring professional field trip was carried out with our students at the Fehérgyarmat Forestry Directorate!

We would like to express our sincere gratitude for the warm welcome, and the wealth of valuable knowledge that was shared with us. It was a great experience to gain closer insight into this unique natural environment and the exemplary professional work carried out there.

The exceptional biodiversity of the Szatmár–Bereg Plain, with its native oak forests, riparian woodlands, alder and birch bog

forests, not only preserves our natural heritage but also serves as an excellent example of how forestry management can be aligned with the principles of sustainability and nature conservation.

It was a particular pleasure to gain insight into nature-based forestry practices, forest regeneration, and nursery management, all of which are supported by decades of professional experience and dedication.

Source: facebook.com/DEMEK.fb



Field trip to NYÍRERDŐ Zrt. Forestry in Debrecen



During a field practice, students from our BSc programme in Agricultural Water Management and Environmental Technology gained a special professional experience, where they were able to learn about the everyday practice of forestry and applied nature conservation.

The staff of the forestry unit managing nearly 10,000 hectares presented the process of forest regeneration, various methods of forest management, as well as the region's outstanding natural values.

We enriched our knowledge with valuable professional content related to the characteristic tree species of the region, and gained insight into timber harvesting, wood processing, and forestry traditions.

It was particularly inspiring to experience how forest schools, nature trails, and educational sites play an important role in environmental education and in introducing the living world of forests.

Source: facebook.com/DEMEK.fb





Study trip in Hajdúböszörmény and Debrecen



Students from our Faculty participated in a comprehensive professional study tour organised by the Department of Water and Environmental Management, where they gained insight into practical solutions for sustainable agriculture and waste management.

At the site of Hajdúböszörményi Béke Mezőgazdasági Kft., they were introduced to the operation of a modern biogas plant. They learned how by-products from livestock farming and crop production are utilised for energy generation. The briquetting facility provided another example of effective energy recovery from agricultural residues.

In the second part of the day, the group visited the Debrecen site of Saubermacher-Kristály Kft., where they received an overview of modern waste management processes—from collection and transport to recovery and final disposal. It was particularly interesting to see the complex systems that ensure compliance with environmental regulations.



Source: [facebook.com/DEMEK.fb](https://www.facebook.com/DEMEK.fb)

Professional practice at KITE Zrt.



Within the framework of a professional internship, students of agricultural engineering, precision agriculture engineering, and agricultural engineering programmes visited the Nádudvar site of KITE Plc., organised by the Department of Land Use, Agricultural Engineering and Precision Technologies.

During the visit, students attended several professional presentations and took part in both field demonstrations and machinery yard exhibitions.

Source: [facebook.com/DEMEK.fb](https://www.facebook.com/DEMEK.fb)





Four Days in the Service of Nature



Our MSc students in Nature Conservation Engineering and participants of the postgraduate specialist programme in Nature Pedagogy took part in an exciting four-day field course, during which they explored three of Hungary's national parks renowned for their outstanding natural heritage:

- Körös-Maros National Park
- Kiskunsági National Park
- Duna-Dráva National Park

Throughout the study tour, our students gained valuable professional experience while observing numerous protected plant and animal species in their natural habitats.

Field courses such as these not only deepen practical knowledge but also strengthen participants' commitment to nature conservation and foster an environmentally conscious mindset.



Source: facebook.com/DEMEK.fb

An Extraordinary Class at the Zoo



Thanks to our long-standing partnership, the Nagyerdei Cultural Park serves as one of the Faculty's external teaching sites. As part of a Nature Conservation course, our international students spent an afternoon at Hungary's first zoo established outside the capital.

The visit focused on ex situ species conservation, the protection and preservation of animals outside their natural habitats. Students encountered several remarkable species at close range, including the Nile hippopotamus, African penguin, red panda, and reticulated giraffe.

Source: facebook.com/DEMEK.fb





Nature conservation botany practice at the Botanic Garden of our University



Our BSc students in Nature Conservation Engineering visited the University of Debrecen Botanical Garden as part of their practical training.

Species identification is a fundamental component of the Nature Conservation Engineering programme; therefore, we strive to spend as much time as possible in the field during practical classes, allowing students to observe plant species in their natural environment.

Source: [facebook.com/DEMEK.fb](https://www.facebook.com/DEMEK.fb)

Career Orientation Day

Year 11 students specialising in Biology and Chemistry from Tóth Árpád Secondary School visited the laboratories of our Department of Food Science and the Department of Water and Environmental Management.

As part of the Career Orientation Day, the students actively participated in the everyday work of food science and environmental science laboratories. They gained first-hand experience with modern laboratory instruments and analytical equipment, while learning about their applications in scientific experiments and research.

Source: [facebook.com/DEMEK.fb](https://www.facebook.com/DEMEK.fb)



Study Visit as Part of the Agricultural Regulation and Administration Course

Practice-oriented legal education today extends far beyond the lecture hall by introducing students to real-world professional environments.

Within the framework of the Agricultural Regulation and Administration course, a group of our international students visited Hortobágy, a UNESCO World Heritage Site, under the expert guidance of Dr. János Déri, Director of the Hortobágy Bird Hospital.

During the study visit, our lecturer, Dr. Péter Szilágyi Bay, LL.M., demonstrated on site how legal regulation, nature conservation, and sustainable agricultural practices are closely interconnected.

Further information: <https://agrojager.hu/.../debrecen-green-law-es-agrarjog.../>



Source: [facebook.com/DEMEK.fb](https://www.facebook.com/DEMEK.fb)





Career orientation at our Faculty



Our Centre for Agricultural Genomics and Biotechnology welcomed biology students from the Reformed College of Debrecen Grammar School and Student Residence for a professional lecture and laboratory tour, which featured a presentation and guided laboratory visit entitled “What Does a Biotechnologist Do?”, delivered by Bettina Hegedűs, Research Assistant at our Faculty, and Dénes Bajcsev-Dancsó, MSc student in Hydrobiology.

The students gained insight into:

- fundamental molecular biology techniques

- the principles of PCR-diagnostics
- biotechnological methods and their applications
- ethical and practical aspects of animal genetic modification
- laboratory safety principles and regulations.

The students were introduced to the daily work carried out in our laboratories, familiarised themselves with both standard and specialised laboratory equipment and chemicals, and learned about the essential safety procedures governing laboratory practice.

They also learned about higher education opportunities. Bettina Hegedűs provided a comprehensive overview of our Faculty’s academic programmes, and the infrastructure and student life available on the Böszörményi Street Campus, helping prospective students make informed decisions about pursuing studies in agriculture and biotechnology.

It was supported by the Ministry of Culture and Innovation through the EKÖP-25-2 University Research Scholarship Programme.

Source: facebook.com/DEMEK.fb

What’s Blooming Here?



The 4.b class of Árpád Vezér Primary School in Debrecen visited the Botanical Garden of the University of Debrecen’s Böszörményi Street Campus, where they discovered a wide variety of fascinating plant species with the guidance of Dr. Judit Éva Lelesz, Assistant Professor at our Faculty.

During the walk, the pupils not only explored many unique plant species but also gained insight into the remarkable diversity of the plant kingdom and the important role plants play in our everyday lives. In the relaxed and engaging atmosphere, the children had the opportunity to ask numerous questions while experiencing the wonders of nature at first hand.

Source: facebook.com/DEMEK.fb



Focus on Practical Training: Dual and Cooperative Internship at UD



The role of practice-based learning in preparing young people for the labour market and its contribution to educating increasingly competitive graduates with strong practical skills were among the central topics of this year's Internship, Cooperative and Dual Education Forum, jointly organised by the Faculty of Economics and Business, the Faculty of Agricultural and Food Sciences and Environmental Management, and the MAG Praktikum Practical Training Coordination Centre of the University of Debrecen. Nearly fifty companies participated in the event, during which the Faculty of Economics and Business also signed a cooperative education agreement with Jabil Circuit Hungary Ltd.



According to László Stündl, Dean of FAFSEM, the practical training period represents the most important phase of students' education. Before earning their degrees, students complete not three, but three and a half years of study, reflecting the Faculty's strong emphasis on practical experience.

Currently, almost 600 UD students complete internships or pursue their studies in dual education programmes coordinated by the MAG Praktikum Practical Training Coordination Centre in cooperation with partner companies. The network has expanded to approximately 3,500 participating organisations.

At the Internship, Cooperative and Dual Education Forum, Anita Erdődy, Finance Director of Krones Hungary Ltd., and Kornél Krámer, Deputy Managing Director of Jonaco Ltd., presented their companies' internship programmes. Executives, financial professionals, and business experts from leading Hungarian and international companies shared their experiences with internship, cooperative, and dual education schemes.



Representatives of more than thirty exhibiting companies welcomed visitors at their stands, offering information about available training opportunities and potential career paths.

Read the full article:

<https://hirek.unideb.hu/fokuszban-gyakorlat-dualis-kooperativ-gyakornoki-kepzes-de-en>

Source: hirek.unideb.hu



Tricho Immun Wins Quality Award: Recognition from UD FAFSEM'S Microbiology Department

At the ceremonial session of the Hungarian Society for Microbiology held on 29 April 2026, Dr. Erzsébet Mónika Karaffa, Professor at our Faculty, received the Dynea Excellence Award presented by the Foundation of the Hungarian Society for Microbiology.

Among sixteen competing entries, Professor Karaffa and her research team were recognised for developing a patented fungal technology that supports sustainable agriculture. The innovation is based on naturally isolated beneficial fungi that function as plant probiotics by colonising the internal tissues of plants. Once established, they provide long-term protection against diseases affecting woody tissues while simultaneously promoting plant growth and enhancing drought tolerance. The patented Hungarian technology has already proven its effectiveness in practice and, through the collaboration of Danuba Ltd., is now commercially available for both home gardeners and large-scale agricultural producers.

Source: facebook.com/DEMEK.fb



Professor of Our Faculty Awarded the Doctor of the Hungarian Academy of Sciences (DSc) Title



We are delighted to announce that Prof. Dr. Adrienn Kakuszi-Széles, Head of Institute and Professor at our Faculty, has successfully defended her Doctor of the Hungarian Academy of Sciences (DSc) dissertation.

The title of the doctoral dissertation:

Application of Precision Agricultural Technologies to Reduce Yield Variability in Maize

Source: facebook.com/DEMEK.fb





Certificate of Recognition for Prof. Dr. Tünde Pusztahelyi

We are pleased to share that Prof. Dr. Tünde Pusztahelyi, Professor at our Faculty, has been awarded a Certificate of Recognition as part of the bicentenary celebrations of the Hungarian Academy of Sciences.

She received the distinction in recognition of her dedicated professional work and her outstanding contribution to the successful organisation of the event series entitled *Biotechnology and Vocation – Career Paths of Biotechnology Researchers*.

Source: facebook.com/DEMEK.fb



Horn Artúr Award Presented to Prof. Dr. István Komlósi

We are delighted to announce that Prof. Dr. István Komlósi, Professor at our Faculty, has been honoured with the Horn Artúr Award, which was presented during the 32nd Great Plain Animal Husbandry and Agriculture Days. The award was conferred by the Hungarian Association of Animal Breeders in recognition of his outstanding contributions to higher education in animal science and his exemplary cooperation with industry and professional practice.

Source: facebook.com/DEMEK.fb





Another success!



At UD Employees' DERBY event, the joint team of our Faculty's Institute of Food Technology and the Centre for Complex Systems and Microbiome Innovations achieved outstanding success!

Competing in the DELikát Cooking Competition, the team earned first place in the highly competitive *lecsó* category, with their outstanding dish receiving the highest recognition from the professional jury.



Source: facebook.com/DEMEK.fb

DEEM: Two New Outstanding Organisational Units

The Faculty of Engineering and the Directorate of Finance have joined the ranks of UD's outstanding organisational units in the UD Employees' Exercise Programme (DEEM). As is now tradition, the monthly awards for May were presented during the Employees' DERBY event.

The Employees' Exercise Programme was launched with two primary objectives: to strengthen the university community and to encourage regular physical activity among staff members. The initiative now involves nearly 1,700 employees, who record the time they spend exercising and participating in sports through the university's online platform on behalf of their respective organisational units. Based on the points accumulated through this friendly competition, the most active units are recognised each month.



In the category for larger organisational units, the Faculty of Engineering claimed first place, securing its position among the programme's outstanding participants for the remainder of the year. FAFSEM finished in second place, while the Medical Imaging Clinic earned third place.

The programme continues to welcome new participants from among UD employees. Minutes spent exercising can be recorded through the programme's registration platform and converted into points for participants' organisational units. The UD Employees' Exercise Programme is a unique initiative that has contributed to the University achieving Platinum status in the FISU Healthy Campus certification system.

Read the full article:

<https://hirek.unideb.hu/fokuszban-gyakorlat-dualis-kooperativ-gyakornoki-kepzes-de-en>

Source: hirek.unideb.hu; facebook.com/DEMEK.fb



Winners of the Bolyai Scholarship at UD

Support for their scientific work has been awarded to 13 young researchers from the University of Debrecen, who have been granted the prestigious Bolyai János Research Scholarship of the Hungarian Academy of Sciences (HAS) this year. As is tradition, the recipients will receive their certificates at the Bolyai Day ceremony in September.

On 3 June 2026, the Board of Trustees of the Bolyai János Research Scholarship decided on this year's applications based on expert evaluations and the recommendations of the disciplinary committees. 766 valid applications were submitted, of which 156 researchers were awarded funding, including 13 young researchers from UD.



Established by the Hungarian Academy of Sciences in 1997, the Bolyai János Research Scholarship is one of Hungary's most prestigious merit-based research fellowships. Its purpose is to encourage and recognise outstanding research and development achievements among early-career researchers while supporting their preparation for obtaining the Doctor of the Hungarian Academy of Sciences (DSc) title.

As an academic funding programme, the Bolyai Scholarship serves as a bridge between the Hungarian Academy of Sciences, its senior scholars holding the DSc title, and the next generation of researchers. It provides young scientists with stability and predictability during the critical years of completing their PhD degree and establishing an independent research career.



Recipients from the University of Debrecen:

- **Zoltán Bagi, Centre for Agricultural Genomics and Biotechnology, FAFSEM**
- Ágnes Balajthy, Institute of Hungarian Literature and Cultural Studies, Faculty of Humanities
- Zsolt Fejes, Institute of Laboratory Medicine, Faculty of Medicine
- Dániel Fróna, Institute of Economics, Faculty of Economics and Business
- Zoltán Garda, Department of Physical Chemistry, Faculty of Science and Technology
- Ágnes Jakab, Department of Medical Microbiology, Clinical Centre
- Zita Képes, Department of Nuclear Medicine, Faculty of Medicine
- Anikó Kapitány Miskeiné, Department of Dermatology, Faculty of Medicine
- Roland Ádám Takács, Institute of Anatomy, Histology and Embryology, Faculty of Medicine
- Zoltán Tóth, Department of Medical Microbiology, Clinical Centre
- Antal Udvardy, Department of Physical Chemistry, Faculty of Science and Technology
- István Csongor Vágási, Department of Evolutionary Zoology and Human Biology, Faculty of Science and Technology
- Balázs Varga, Institute of Pharmacology and Pharmacotherapy, Faculty of Medicine

Read the full article:

<https://hirek.unideb.hu/nyertes-bolyai-osztondijasok-debreceeni-egyetemen>

Source: hirek.unideb.hu; facebook.com/DEMEK.fb





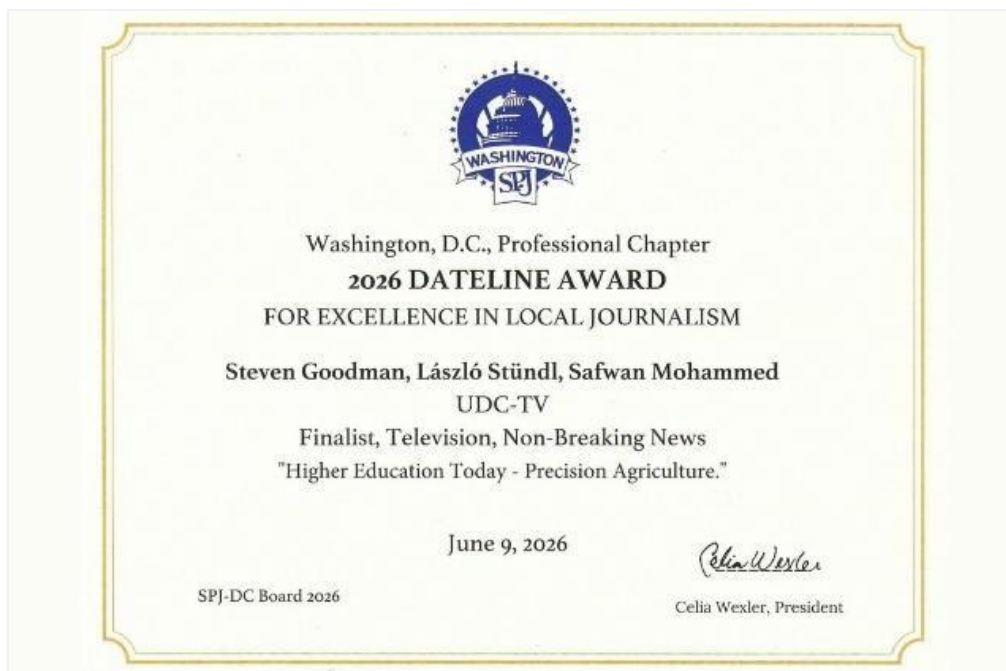
International recognition



In June 2025, our Faculty welcomed Steven Roy Goodman, founder and host of the Washington-based television programme *Higher Education Today*. As part of our academic cooperation with the United States, a special episode of the programme was filmed at our Faculty, showcasing the University of Debrecen's agricultural education as well as the importance and future of precision agriculture.

We are delighted to share that the programme, based on a two-part panel discussion, was selected as a finalist in the Television, Non-Breaking News category at the Society of Professional Journalists Washington, D.C. Chapter 2026 Dateline Awards.

This recognition not only acknowledges the outstanding work of the programme's creators, but also helps bring our Faculty's achievements in education, research, and innovation to a wider international audience.



The program, produced in 2025, can be viewed at this link: <https://www.youtube.com/watch?v=AWrDSsSRDc>

Source: facebook.com/DEMEK.fb





We are proud of our students' outstanding success!

Our students achieved outstanding results at the 26th National Hungarian Society of Food Science and Technology (MÉTE) Student Research Conference, held on 22 May 2026 in Budapest. The conference was jointly organised by the Institute of Food Science and Technology of the Hungarian University of Agriculture and Life Sciences and the Hungarian Society of Food Science and Technology.

Nóra Kerekes, a third-year BSc student in Horticultural Engineering, was awarded First Prize in the Biotechnology Section.

Title of her research:

“Chemopriming-Induced Morphological and Biochemical Changes in Radish (*Raphanus sativus*) Seedlings”

Supervisor: Dr. Éva Domokos-Szabolcsy, Associate Professor

Ádám József Hosszú, a third-year BSc student in Precision Agricultural Engineering, received Third Prize in the Food Safety and Food Quality Section.

Title of his research:

“The Effects of Spring Frost Stress on the Physiological Responses and Fruit Quality of Sour Cherry (*Prunus cerasus* L.) Genotypes as Influenced by Cultivar × Rootstock Combinations”

Supervisor: Prof. Dr. Szilvia Veres, Professor

Source: facebook.com/DEMEK.fb





International guests

On 17 June 2026, within the framework of an Erasmus+ Youth Accreditation Project, an 8-member delegation from the Turkish youth organisation SORGED (Sorgun Youth Association) visited our Faculty.

The university lecturers, youth leaders, and disaster management professionals showed particular interest in Hungary's practices in environmental protection, climate change adaptation, crop production, and innovative agricultural technologies.



During the professional programme, our guests were given insight into the Faculty's research and educational activities, and also visited several of our institutes as well as the Látókép Crop Production Experimental Station of the University of Debrecen's Agricultural Research Institutes and Experimental Farm (UD AKIT).

The meeting provided an excellent opportunity for exchanging experiences, strengthening international relations, and sharing best practices. The programme was successfully implemented in a friendly and positive atmosphere, and our guests followed the presentations with great interest.

Source: facebook.com/DEMEK.fb





SETTI V4 in Brno!



On 23–26 April, Mendel University in Brno hosted the first meeting of the Soil Education through Tourism Initiative (SETTI V4) project, supported by the International Visegrad Fund.

Within the framework of the project, the University of Debrecen, the University of Prešov (Prešovská univerzita v Prešove), Mendel University in Brno (Mendelova univerzita v Brně), and Nicolaus Copernicus University in Toruń (Uniwersytet Mikołaja Kopernika w Toruniu) have launched a joint initiative aimed at developing soil science education through tourism infrastructure and its role in environmental education.

UD is represented in the international project by Associate Professors Dr. Andrea Kovács Balláné (FAFSEM), Dr. Tibor József Novák (FAFSEM), and Dr. Andrea Rácz (Faculty of Humanities).

During the meeting, participants worked in protected areas of South Moravia and developed a methodology for evaluating educational trails and interpretive materials, with special attention to how soil-related content is presented and communicated along hiking routes.



Photo sources: Wydział Nauk o Ziemi i Gospodarki Przestrzennej UMK w Toruniu facebook.com/DEMEK.fb

Winning application at UD FAFSEM: (source: pnyr.unideb.hu)

PÁLYÁZAT CÍME	FELHÍVÁS KÓD	SZAKMAI VEZETŐ	KEZELŐ SZERVEZET
22530055 / Soil Education Through Tourism Initiatives - SETTI V4	Visegrad Fund	Novák Tibor József	Institute of Agrochemistry and Soil Science
Study of Soil Microbial Communities Using the PLFA Method: Knowledge Transfer and Collaboration	2025-1.1.5-NEMZ_KI	Balláné dr. Kovács Andrea	Institute of Agrochemistry and Soil Science



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Debreceni Egyetem MÉK



Cyclist's Breakfast – It's Worth Coming by Bike!

More and more people are choosing the bicycle as their everyday means of transport, and it is no coincidence. It is fast, healthy, environmentally friendly, and now it even comes with a reward. On Tuesday, 28 April, cyclists arriving at the Böszörményi Road Campus of the University of Debrecen were welcomed with breakfast in the morning.

FAFSEM, together with the Faculty of Economics and Business, organised the Cycling Breakfast for the second time this year. The joint initiative aims to raise awareness that sustainable transport benefits not only the planet but also our personal health.

Read the full article:

Cyclists were welcomed at the main building entrance of the Böszörményi Road Campus from 7:30 a.m. to 10:30 a.m. Those who arrived by bicycle could start their day with delicious and nutritious refreshments: fresh pastries, mineral water, and a friendly atmosphere provided an energetic start to the morning.

According to the organisers, the event goes beyond its immediate experience: it is part of a broader shift in mindset that may transform commuting habits in the long term. An occasion like this can easily become an inspiration, where a single decision may gradually develop into a regular habit.

Source: hirek.unideb.hu; facebook.com/DEMEK.fb

<https://hirek.unideb.hu/bringas-reggeli-megeri-kerekparral-erkezni>



Agricultural Business Club: Knowledge from Two Worlds

Key topics included the application areas of artificial intelligence in agriculture, as well as the social and economic challenges facing the sector, at the 2nd Agricultural Business Club meeting. The professional community, established one year ago by the University of Debrecen's Faculty of Economics and Business and FAFSEM, aims to foster professional dialogue among actors in the agricultural and food industries, the university's strategic partners, company executives, and sector stakeholders. The event in Nádudvar, brought together approximately 60 professionals.



Rector Prof. Dr. Zoltán Bács presented the University's economic performance and discussed the achievements of universities operating under the new foundation-based model.



The meeting focused on key issues affecting the agricultural sector.

The event was hosted by NAGISZ Ltd. in Nádudvar.



At the event, Prof. Emeritus János Nagy and Dr. András Hajdu, Dean of the Faculty of Informatics, presented the university's AI-based GropDExpert programme aimed at improving the efficiency of maize production, which is built on datasets derived from long-term experiments initiated in Debrecen in 1983.

Péter Riczu, Digital Agriculture Project Manager at the Innovation Directorate of KITE Ltd., presented the opportunities offered by artificial intelligence and digitalisation in agriculture, while Péter Fehérvári, expert at the Artificial Intelligence Knowledge Centre of John von Neumann University, spoke about currently applied AI tools.

The Agricultural Business Club of the University of Debrecen was established in March 2025 by the Faculty of Economics and Business and the Faculty of Agricultural and Food Sciences and Environmental Management with the aim of providing a platform not only for knowledge and information exchange, but also for professional discussions, debates, and networking among experts.

Read the full article:

<https://hirek.unideb.hu/agrar-uzleti-klub-tudas-ket-vilagbol>

Source: hirek.unideb.hu

Archival photos capture the legendary decades of Sárgulás

An exhibition showcasing archival photographs documenting decades of UD's traditional student farewell event, "Sárgulás," has opened at the Böszörményi Road Campus. The history of this ceremonial farewell for graduating students of agricultural education can be traced back to 1963 through the seventy photographs on display.

As part of the event series, the exhibition was opened in the atrium of FAFSEM building.

The photographs on display had previously never been exhibited and had existed solely as archival material. This is the first time they have been made accessible to a wider audience.



The exhibition also aims to strengthen the alumni community.

"We would like to ask former students and their families to share their own printed photographs taken during Sárgulás. Our goal is to expand our archive and ensure a more complete documentation of this remarkable tradition, as well as to present an even richer

exhibition next year on the farewell of graduating students from their alma mater," added Prof. Dr. László Stündl, Dean of FAFSEM.



The organisers primarily aim to collect the photographs, but if owners request it, the images will be returned after digitisation. Those unable to deliver their photos in person may also send them by post or email to the University of Debrecen Agricultural Museum (4032 Debrecen, Böszörményi str. 138., agrarmuzeum@agr.unideb.hu).

With the cooperation of the University and National Library of the University of Debrecen, more than 400 printed photographs have already been digitised. From this material, 70 images were selected for the exhibition, covering the period between 1963 and 1994.

The exhibition, organised in cooperation with the Agricultural Museum of the University of Debrecen, can be visited in the atrium until 3 July, the end of the examination period.

Read the full article:

<https://hirek.unideb.hu/archiv-kepek-mutatjak-meg-sargulas-legendas-evtizedeit>

Source: hirek.unideb.hu

Yellowing: Tradition, Community, Farewell

Several hundreds of graduating students, 43 horse-drawn carriages, and 7 coaches paraded through the city on the closing day of Sárgulás, one of UD's oldest and most significant traditions. Nearly 600 students from the Faculty of Economics and Business, as well as FAFSEM, bid farewell to their university years in traditional folk costume on Friday.

This year, 597 students from the Faculty of Economics and Business and FAFSEM took part in Sárgulás. The graduating students and their instructors travelled through Debrecen on 43 carts and 7 coaches. In front of the Great Church and the University Main Building, they said farewell to the city and their alma mater with traditional dances from the Hortobágy region.

“This is a very important milestone in your lives, as you will obtain your degree and a career awaits you. I trust, and indeed I know, that you will become valuable and useful members of our society and your families, and that you will achieve great success and significant results in the future,” added the dean of the Faculty.

Traditionally, the “Sárgulás” procession set off from the Böszörményi Road Campus to the city centre, first arriving at the main square in front of the Great Church, where they were greeted by Mayor László Papp.



Read the full article:

<https://hirek.unideb.hu/sargulas-hagyomany-kozosseg-bucsu>





Yellowing – Photos



University News in DíszUDvar Magazine



Based on the results of the admission procedure, the University of Debrecen has awarded the best-performing secondary schools. A new MR imaging device at the Clinical Centre may enable faster examinations for children. The most discussed topics at this year's wheat conference included severe drought, declining crop yields, and worsening export prospects. These are among the key subjects featured in the latest episode of Alföld Television's *DíszUDvar* magazine programme.

The first report covers how, in order to support talent development and career orientation in schools, UD has provided financial support and

professional recognition to 15 secondary schools that achieved the best results in a ranking based on university admission outcomes.

Another segment revisits the atmosphere of the Sárkulás procession, during which 43 horse-drawn carriages and 7 coaches paraded through the city. Most of the nearly 600 graduating students from the Faculty of Economics and Business, as well as FAFSEM, bid farewell to their university years in traditional folk costume.

Severe drought conditions, declining crop yields, and worsening export prospects characterise this year for wheat producers, as was discussed at the annual wheat conference organised by FAFSEM and UD's Agricultural Research Institutes and Experimental Farm. Sector experts presented the situation to the media.

The entire episode of Alföld Television's magazine show can be viewed below.



Read the full article:

<https://hirek.unideb.hu/egyetemi-hirek-diszudvar-magazinban>

Source: hirek.unideb.hu



Spring Fiesta event

On 20 March, nearly 130 students participated in the Spring Fiesta organised by the International Student Union (ISU) in cooperation with our Faculty, offering a vibrant community atmosphere and an opportunity for cultural exchange.

During the programme, participants enjoyed cultural performances and various activities, took part in interactive games and karaoke, while also having the chance to build international connections. The shared experience was complemented by a selection of delicious food. It was an evening full of energy, diversity, and positive experiences – a true celebration of community.

Source: facebook.com/DEMEK.fb



The University Bird-Friendly Model Garden Turns Ten



More than 50 bird species now inhabit the bird-friendly demonstration garden established a decade ago on the Böszörményi Road Campus of the University of Debrecen. Initiated by students and created with professional support from the Department of Wildlife Biology and Game Management FAFSEM, this green area is gradually being renewed and provides a unique environmental education opportunity not only for university students and staff, but also for nursery, primary and secondary school groups from the city.



The Environmental Protection Committee of the Students' Union of the University of Debrecen (DEHÖK) was founded in 2009 with the aim of promoting environmental awareness and a love of nature among university students and staff.

Building on these principles, the University Bird-Friendly Demonstration Garden was established in 2016 – the first of its kind in Hungary – and has since become a hub for bird-related and other nature conservation tools and initiatives. The demonstration garden and the small woodland area hosting it play an important role not only in education but also as a community space on the Böszörményi Road Campus.

According to Dean László Stündl, the 35-hectare campus – embedded in the fabric of the city, with its wild, almost “jewel-box-like” landscape – should preserve its character and continue to thrive for many years to come.



On the occasion of the anniversary, a ceremonial bird ringing and demonstration event was also organized, attended by groups from Liget Kindergarten, the Debrecen German Primary School, and the János Balásházy Vocational School, Secondary School and Dormitory of the University of Debrecen, as well as experts from the Hortobágy National Park Directorate, the Hungarian Ornithological and Nature Conservation Society, and Future of Debrecen.

Read the full article:

<https://hirek.unideb.hu/tiz-eves-az-egyetemi-madarbarat-mintakert>

Source: hirek.unideb.hu

Representatives from MVM visited UD

The MVM Group delegation paid a professional visit to the Innovation Centre of UD, organized by UD Catapult. The aim of the programme was to provide an overview of the university's faculties and their respective competencies, and to explore potential areas of cooperation.

The meeting was opened by István Kovács on behalf of UD Catapult and Ferenc Tompa representing MVM, followed by presentations of MVM's innovation programmes and educational strategy. Several faculties of the UD – including the Faculty of Engineering, the Faculty of Science and Technology, FAFSEM, the Faculty of Informatics, the Faculty of Economics, and the Faculty of Law – briefly presented their educational, research and innovation activities, key professional areas and development directions.

Participants discussed possible intersections between corporate needs and university competencies, as well as potential future cooperation areas.

Several promising directions for collaboration were identified during the meeting, and discussions will continue accordingly. The University of Debrecen's broad scientific and innovation capacity, together with MVM Group's educational and innovation objectives, show strong alignment, providing a solid foundation for effective cooperation between academic knowledge and industry needs.

Read the full article:

<https://hirek.unideb.hu/az-mvm-kepviseloi-latogattak-debreceeni-egyetemre>

Source: hirek.unideb.hu



Building the Future: UD Launches a Housing Program



UD is building a student residence exceeding 11,000 square meters on its Böszörményi Road Campus. The multifunctional complex, designed to accommodate 320 students, represents the first phase of the institution's medium- and long-term strategy to support student and staff housing. In the coming years – depending on available funding – the university also plans to fully renovate the Sports Dormitory and construct a new student hotel on the Kassai Road Campus, in addition to the developments at Böszörményi Road.



According to Chancellor Zoltán Bács, this unique development plan represents a transformative strategic vision that lays the foundation for the university's next 100 years and also contributes to the future of the city of Debrecen. He emphasized that the university can only remain competitive and continue to grow by improving and expanding the quality of its services.

Read the full article:

Source: hirek.unideb.hu

Following the model change, the institution now has greater autonomy in making development decisions.

He also noted that, 36 years after the political transition, a shift in mindset is necessary, with a focus on return on investment, sustainability, and building the future rather than exhausting its resources.

He added that the multi-billion-forint development plan could be implemented over the next ten years, depending on available resources, and that the student residence on Böszörményi Road could be completed in approximately three years at the earliest.



The planned 11,000-square-meter, three-part building complex will provide modern living conditions for more than 300 students. The Student Hotel and Learning Center II will offer community and cultural spaces integrated into the environment. The facility will include single and double rooms, studio apartments, and two-room apartments, as well as accessible rooms and rooms for students requiring medical support. Learning Center II will feature 250 study places, classrooms, workshop rooms, and research rooms to support academic progress. The four-story building is also planned to include a rooftop terrace and rooftop garden.



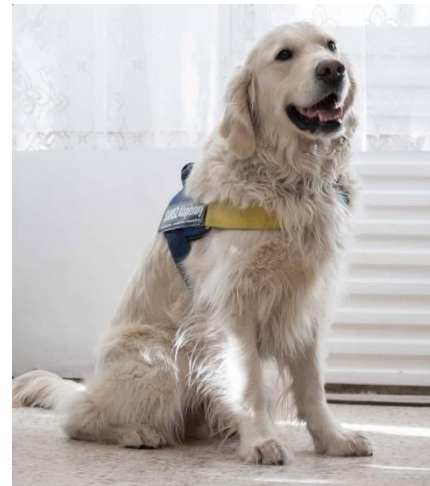


Doppler



The Faculty's four-legged assistant has successfully passed the MATESZE therapy dog examination and is now officially qualified to begin working as a therapy dog within our institution.

From now on, Doppler will support the daily life of our students through his presence, helping them cope with the challenges of university life and easing stressful moments throughout their academic journey.



We are proud of this shared achievement and wish many joyful moments to our colleague, Doppler the dog!

Source: facebook.com/DEMEK.fb

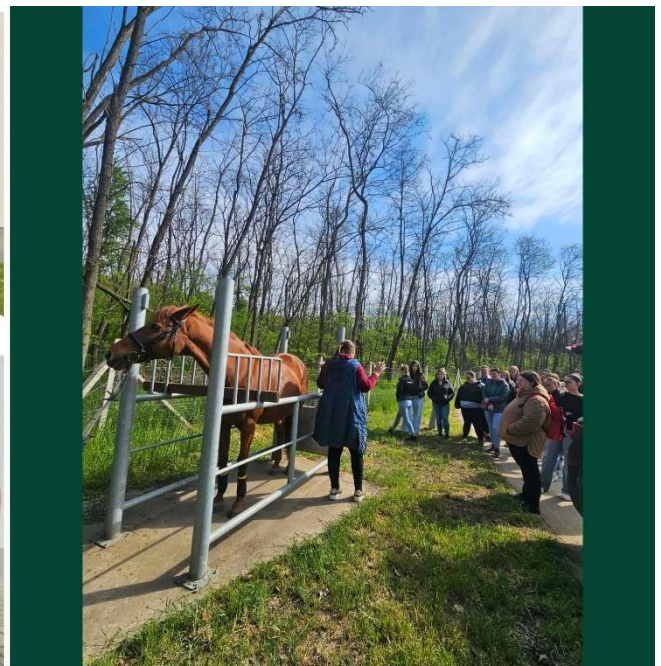
Girls' Day!

This year we once again joined the nationwide Girls' Day initiative, and it was a pleasure to welcome so many enthusiastic and curious secondary school girls to our Faculty!

During the programme, the students and their accompanying teachers participated in several engaging hands-on activities, including:

- Microscope-based investigations in the world of plants and food technology
- Food industry technologies experienced up close
- The world of horse health and equestrian sports
- Practical greenhouse plant cultivation

Source: facebook.com/DEMEK.fb



"Bug" Explorers Educational Program



With the support of the Institute of Plant Protection at our Faculty, the educational programme "Bug Explorers" was implemented in Sajóörs.

With the involvement of our lecturer, Dóra Jakab Arnóczy PhD, departmental engineer, participants were introduced to the diverse world of insects through insect boxes, microscope demonstrations of interesting specimens, and hands-on experience with sweep net sampling.

Source: facebook.com/DEMEK.fb



Past and Future walk

The latest stop of the "Past and Future Walk" series, organized by Future of Debrecen, took place at the Böszörményi Road Campus of our University in a highly engaging and positive atmosphere.

Participants explored the campus under the guidance of tour guide Nóra Erdei and our lecturer, Associate Professor László Kövér.

During the informative walk, they gained insight into the history of agricultural higher education in Debrecen and discovered interesting facts related to the buildings, statues, and artworks on campus, as well as the value of the 10-year-old University Bird-Friendly Demonstration Garden and the University Community Garden.

One of the highlights of the walk was a visit to the Faculty's Agricultural Museum, where participants were guided by István Fekete, assistant lecturer and museum curator, who offered a fascinating overview of relics and memories preserving the history of agricultural higher education in Debrecen.

Source: facebook.com/DEMEK.fb



Has mosquito season begun?

The humid, warm weather and occasional rainfall provide favourable conditions for mosquito larvae to develop, which is why these unpleasant blood-feeding insects are becoming increasingly common during the summer months.

Our lecturer, Dr. Kálmán Szanyi, assistant lecturer, spoke about this year's expected mosquito season in the 12 June episode of the Esti Közelkép programme on Debrecen Television.

Watch the interview and learn more about the characteristics of the mosquito season!



Source: facebook.com/DEMEK.fb



Board of Trustees Visit our Faculty

A Board of Trustees visit series continued at the faculties of UD, this time hosted by FAFSEM, which welcomed a delegation from the Gróf Tisza István Foundation for UD. The meeting focused on the future of agricultural education, innovation, and the role of artificial intelligence.



György Kossa, Chairman of the Board of Trustees, emphasized that AI is increasingly shaping agriculture and related scientific work. He noted that the university's strategy places particular importance on institution-wide regulation of the technology, as it fundamentally determines the future of education and research.

Zoltán Bács, Chancellor of the University, also highlighted the importance of sustainable operation. In his view, the long-term development of the university and the Faculty of Agriculture depends on increasing its own revenues. He also underlined the strategic importance of water science as a key field in which the faculty should play an even more significant role than before.

Dean László Stündl provided a comprehensive overview of the faculty's structure and achievements, noting that its departments, institutes, degree programmes, research groups, and doctoral schools form a strong synergy built on steadily strengthening human resources over the past five years.

Read the full article:

<https://hirek.unideb.hu/kuratoriumi-latogatas-az-agrarkaron>

Source: hirek.unideb.hu



Vice-Dean for Education Péter Sipos presented the faculty's educational activities and results, highlighting that student enrolment in faculty programmes has increased by nearly 200 students over the past four years. Preparations are underway for two new programmes, with plans to launch a BSc in Animal Health Engineering and a BSc in Landscape Architecture and Garden Design from the next academic year.



Vice-Dean for Science Szilvia Veres summarized the faculty's scientific achievements and research infrastructure efficiency. She emphasized that building on tradition and innovation, the faculty is moving toward higher quality, significantly increasing scientific output and publications. She added that in terms of Q1 journal publications, the faculty has consistently exceeded the university average each year and has also achieved outstanding results in patent utilization.

The Engineers of the Future Travel Across the Country!

Between 27 and 29 April 2026, graduating BSc Agricultural Engineering students from our Faculty took part in a nationwide study tour, during which they gained insight into multiple sectors of agriculture, ranging from animal husbandry and viticulture to modern crop production technologies.

Day 1

The first stop was the Lillafüred Trout Farm, where students were introduced to the details of trout farming. This was followed by a visit to Harangod-Mag Ltd., where they gained insight into Mangalica pig farming and also observed the ham curing process.

Day 2

The second day focused on viticulture and winemaking. At the Tokaj-Hétszőlő Estate, students learned about the traditional process of Tokaji Aszú production, from vine cultivation through to bottling.

Thanks to Danuba Ltd. and Barta Winery, they also observed a drone-based spraying demonstration in the vineyards near Mád. Afterwards, at the Tokaj Viticulture and Winemaking Community Infrastructure Centre, they became familiar with the practical aspects of sparkling wine production. The day concluded with a wine and jam tasting at Ízes Örömezt Lekvárium – Pinceköz Vinotéka.

Day 3

On the final day, students visited Czinagro Ltd., where they observed regenerative, no-till soil management practices applied to soybean cultivation, a cherry orchard, and durum wheat production under minimum tillage. The final stop was the dairy farm of Emődi Agricultural Ltd., where they witnessed fully robotised feeding and milking systems in operation.

Students gained extensive hands-on experience and valuable professional knowledge.

Source: facebook.com/DEMEK.fb





The Engineers of the Future Travel Across the Country!

Final-year BSc students of Agricultural Water Management and Environmental Technology Engineering at our Faculty took part in a comprehensive three-day professional study tour between 22 and 24 April 2026.

Day 1 – Mezőhegyes

The first stop was the Mezőhegyes Stud and State Farm, where students gained insight into modern animal husbandry. They became familiar with automated milking systems, advanced feeding technologies, and veterinary practices. They observed modern irrigation technologies, participated in a soil profile demonstration and visited the historic stud farm.

Day 2 – Paks és Baja

On the second day, students visited Paks, where they learned about the operation of the nuclear power plant.

This was followed by a visit to Baja, at the Sugovica training site of the Ludovika University of Public Service, where they gained practical experience and carried out water sampling on the Danube. As an additional highlight, they were introduced to the history of the local water mill.

Day 3 – Wastewater treatment in practice

The final stop of the study tour was a wastewater treatment plant, where students were given a detailed overview of the entire purification process, from mechanical stages through to biological and chemical treatment. It was particularly insightful to observe how these advanced systems operate in practice and how they contribute to environmental protection.

The study tour provided an excellent opportunity for students to deepen their theoretical knowledge in real-world settings and gain first-hand experience of key areas in their profession.

Source: facebook.com/DEMEK.fb





The Engineers of the Future Travel Across the Country!

Final-year BSc students of Precision Agriculture Engineering at our Faculty participated in a professional nationwide study tour between 22 and 24 April 2026, accompanied by our lecturers, Associate Professor Tamás Rátonyi and Dr. Péter Fejér, research assistant.

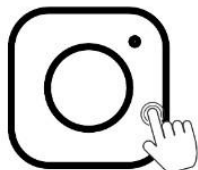
During the three-day programme, students visited companies actively engaged in precision agriculture, including EXATA GROUP, a.s. (Dolný Štál, Slovakia), Kossuth Agricultural Ltd. (Letenye), and Talentis Agro Zrt. (Herceghalom).

Throughout the well-organised and highly engaging study tour, students gained valuable insight into the practical application of precision agriculture solutions in real-world farming environments.

Source: facebook.com/DEMEK.fb



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The Engineers of the Future Travel Across the Country!

Over a three-day nationwide professional study tour, final-year BSc Horticultural Engineering students took part in an extensive programme designed to provide a comprehensive overview of Hungary's most advanced and large-scale horticultural enterprises. During the field visits across the Szentes–Szeged–Kecskemét–Ócsa region, students gained insight into a total of seven agricultural organisations with diverse profiles.

Throughout the study tour, participants became familiar with key aspects of modern horticultural production, including the importance of producer integration, intensive fruit production systems, the technological background of ornamental plant production, and the specific characteristics of the grape and wine sector.

Special attention was given to state-of-the-art cultivation technologies, such as irrigation systems, tools for improving yield security, and the use of controlled-environment production facilities.

The programme covered the full spectrum of the horticultural industry, from fresh vegetable and fruit production to ornamental plant cultivation and mushroom production, enabling students to gain a truly holistic understanding of the sector.

Beyond professional knowledge acquisition, the study tour also provided an opportunity for direct dialogue between producers and future professionals, thereby strengthening the practice-oriented nature of our horticultural engineering programme.

Source: facebook.com/DEMEK.fb



Our International Students in the Tokaj Wine Region



The UD FAFSEM and the ISU (International Student Union) organized a professional study trip on 10 April 2026 to the village of Mád in the Tokaj wine region for international students enrolled in English-language programmes..

During the programme, students gained a comprehensive overview of the characteristics of the wine region, with a special focus on the concept of terroir, the importance of volcanic soils, and the natural factors that define the unique character of Tokaj wines.

The first stop of the visit was the Mádi Wine Academy, a regional unit of the University of Debrecen located in Mád. In addition to professional lectures, students also participated in a laboratory demonstration, where they became familiar with soil sampling, must analysis, and microbiological processes.

One of the highlights of the professional day was a visit to the Holdvölgy Winery,

where participants gained insight into modern winemaking technologies, the process of barrel ageing, and the traditions of Tokaji aszú production.

The centuries-old cellar system provided a unique experience, where the past and present of the region's winemaking culture were simultaneously present.

In the afternoon, the international students took part in a field practice in the Szent Tamás vineyard site, where they were able to directly study soil structure, vine cultivation methods, and the role of microclimate. Special attention was given to sustainability and the impacts of climate change, which are increasingly important factors in contemporary agriculture. At the end of the day, students reflected on their experiences in a group discussion, with particular emphasis on how viticulture could be connected to the agricultural practices of their own countries. The study trip was not only highly valuable from a professional perspective, but also provided opportunities for networking and shared experiences among international students.

Read the full article:

<https://mek.unideb.hu/hirek/kulfoldi-hallgatoink-tokaji-borvideken>

Source: mek.unideb.hu



International Professional Visit to Our Faculty



On 1–2 June, Karunk hosted Prof. Dr. Özlem Turgay, Head of the Department of Food Engineering at Kahramanmaraş Sütçü İmam University.

During her visit, she became acquainted with the laboratories of our Institute of Food Science and also visited the University Botanic Garden.

As part of the programme, our guest delivered a professional lecture for students and staff entitled “Causes of food-borne illnesses. Pathways of food-borne pathogens.”



Source: facebook.com/DEMEK.fb

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ÉLELMISZERTUDOMÁNYI ÉS KÖRNYEZETGAZDÁLKODÁSI KAR

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2026. JÚLIUS - SZEPTEMBER



Elmélyítenéd a szakmai tudásod? Vagy egy tartalmas, élményekben gazdag hétvégi programot keresel akár csapatépítés céljával? Nálunk mindent egy helyen megtalálsz!

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14 KÉPZÉS

5 TÉMATERÜLET

(NÖVÉNY, ÁLLAT, ÉLELMISZER,
ANALITIKA, MŰSZAKI)

A programváltozás jogát fenntartjuk!





Teaching and Student Mobilities mobilitások April - June 2026 (Source: UD International Office)

Outgoing students					
Participant's name	Program	Duration		Host Institution	Place of mobility
Bácsi Eszter Ilona	Pannónia SMS, Pannónia group study trip	2026-06-01	2026-06-06	AGRIS Sardegna	Italy
Bartha Károly	Pannónia SMS, Pannónia group study trip	2026-06-01	2026-06-06	AGRIS Sardegna	Italy
Baruti Angelamercy Baltazary	Pannónia SMT - internship	2026-05-23	2026-06-06	University of York	United Kingdom
Bibekananda P K	Pannónia SMS	2026-04-01	2026-09-01	Humboldt-Universität zu Berlin	Germany
Bolega Máté Szabolcs	Pannónia SMS, Pannónia group study trip	2026-06-01	2026-06-06	AGRIS Sardegna	Italy
Buka Sára	Pannónia SMS, Pannónia group study trip	2026-06-01	2026-06-06	AGRIS Sardegna	Italy
Bukovinszky Zalán	Pannónia SMS, Pannónia group study trip	2026-06-01	2026-06-06	AGRIS Sardegna	Italy
Ferroudj Aya	Pannónia SMS	2026-05-06	2026-05-08	European Federation of Animal Science	Italy
GUMISIRIYA COSTA	Pannónia short PSMS-R	2026-06-05	2026-06-14	The 23rd World Congress of Soil Science, Nanjing	China
Gyuró Daniella Judit	Pannónia SMS, Pannónia group study trip	2026-06-01	2026-06-06	AGRIS Sardegna	Italy
Kerekes Eszter	Pannónia group study trip	2026-06-01	2026-06-06	AGRIS Sardegna	Italy
Khalifeh Doha	Pannónia SMS	2026-05-06	2026-05-08	Slovenská Poľnohospodárska a Univerzita v Nitre	Slovakia
Kota Eszter	Pannónia SMT internship	2026-07-06	2026-09-30	Laimburg Research Center	Italy





Mari Lujza	Pannónia group study trip	2026-06-01	2026-06-06	AGRIS Sardegna	Italy
Mikolás Maja	Pannónia short PSMS-R	2026-05-05	2026-05-09	Karolinska Institute	Sweden
Molnár Molli	Pannónia SMS, Pannónia group study trip	2026-06-01	2026-06-06	AGRIS Sardegna	Italy
Nagy Zsófia	Pannónia SMS, Pannónia group study trip	2026-06-01	2026-06-06	AGRIS Sardegna	Italy
Nagy Anna	Pannónia SMS, Pannónia group study trip	2026-06-01	2026-06-06	AGRIS Sardegna	Italy
Rizvi Muhammad Osama Ali	Pannónia SMT - internship	2026-06-08	2026-09-08	United Arab Emirates University	United Arab Emirates
Szabó Szilárd Antal	Pannónia SMS, Pannónia group study trip	2026-06-01	2026-06-06	AGRIS Sardegna	Italy
Tiffinger András	Pannónia SMS, Pannónia group study trip	2026-06-01	2026-06-06	AGRIS Sardegna	Italy
Timkó Balázs	Pannónia SMS, Pannónia group study trip	2026-06-01	2026-06-06	AGRIS Sardegna	Italy
Tóth Márton István	Pannónia SMS, Pannónia group study trip	2026-06-01	2026-06-06	AGRIS Sardegna	Italy

Outgoing lecturers, staff

Participant's name	Program	Duration		Host Institution	Place of mobility
Bársony Péter	Pannónia STT	2026-04-20	2026-04-24	Università di Bologna - Alma Mater Studiorum	Italy
Basal Oqba	Pannonia STA	2026-04-27	2026-05-04	USAMV Bucharest	Romania
Domokosné Dr. Szabolcsy Éva	Pannónia STR	2026-04-09	2026-04-17	Chiba University	Japan
Dr. Csajbók József	Pannonia STA conference	2026-05-31	2026-06-05	Josip Juraj Strossmayer University of Osijek	Croatia
Dr. Kaszás László	Pannónia STR	2026-05-11	2026-05-15	University of Aveiro	Portugal
Dr. Klein Renáta	Pannónia STT	2026-06-01	2026-06-06	AGRIS Sardegna	Italy





Dr. Ludman-Mihály Kata	Pannonia STA conference	2026-05-18	2026-05-22	Norwegian Institute of Bioeconomy Research (NIBIO)	Norway
Dr. Pálfyné Dr. Vass Nóra	Pannónia STT, Pannónia group study trip	2026-06-01	2026-06-06	AGRIS Sardegna	Italy
Kovács Zoltán	Pannónia STR	2026-05-11	2026-05-18	Universidade de Aveiro	Portugal
Kutasy Erika Tünde	Pannonia STA conference	2026-05-31	2026-06-05	Josip Juraj Strossmayer University of Osijek	Croatia
Lelesz Judit Éva	Pannonia STA conference	2026-05-31	2026-06-05	Josip Juraj Strossmayer University of Osijek	Croatia
Mohammed Safwan	Pannónia STR	2026-04-23	2026-05-04	The University of Jordan	Jordan
TÓTH BRIGITTA	Erasmus+ STT Open Location	2026-05-11	2026-05-15	University of the Free State	South Africa

Incoming students

Aldick Dania	internship	2026-06-01	2026.08.01	University Clermont Auvergne	France
Aboudou Maelys	internship	2026-06-01	2026.08.01	University Clermont Auvergne	France

CEEPUS – Outgoing mobilities

Name	Status	Sending Institution		Duration
Dr. Basal Oqba	lecturer	University of Zagreb		2026.05.25 - 2026.05.29
Dr. Alexa Loránd	lecturer	VIZJA University		2026.05.03 - 2026.05.09
Dr. Basal Oqba	lecturer	Slovak University of Agriculture in Nitra		2026.05.18 - 2026.05.12
Dr. Safwan Mohammed	lecturer	Wroclaw University of Environmental and Life Sciences		2026.05.10 - 2026.05.16
Dr. Basal Oqba	lecturer	Josip Juraj Strossmayer University of Osijek		2026.06.29 - 2026.07.04





CEEPUS – Incoming mobilities

Name	Status	Sending Institution	Duration	Host coordinator
Miljana Zlatkovic	student	University of Nis	2026.05.01 - 2026.05.31	Dr. Alexa Loránd
Prof. Snezana Tomic	lecturer	University of Nis	2026.05.11 - 2026.05.26	Dr. Alexa Loránd
Dr. Aleksandra Pavlovic	lecturer	University of Nis	2026.05.11 - 2026.05.26	Dr. Alexa Loránd
Dr. Dragan Nikolic	lecturer	University of Nis	2026.05.18 - 2026.05.22	Dr. Alexa Loránd
Dr. Violeta Mitic	lecturer	University of Nis	2026.05.11 - 2026.05.26	Dr. Alexa Loránd

Q1/D1 articles published in the period if April – June 2026

(source: filtered from IDEA Tudóstér)

1. **Seresné Törös, G.**, Alibrahem, W., Helu, N. K., **Jevcsák, S.**, Ferroudj, A., **Prokisch, J.**: [Acrylamide in Food: From Maillard Reaction to Public Health Concern.](#)

Toxics. 14 (2), 1-23, (cikkazonosító: 110), 2026.

2. **Mposula, Z.**, **Pacza, T.**, Szepesi, J., Wagaki, M. M., Máthé, E.: [Adequate Dietary Diversity Versus Suboptimal Diet Quality: The Paradox of Food Insecurity Among International Students in Hungary.](#)

Nutrients. 18 (6), 1-16, (cikkazonosító: 946), 2026.

3. **Fauszt, P.**, **Szilágyi, E.**, **Mikolás, M.**, **Szilágyi-Tolnai, E.**, **Dávid, P.**, **Forgács, I. N.**, **Csernus, B.**, **Gál, F.**, **Stündl, L.**, **Biró, S.**, **Szabó, C.**, **Gálné Remenyik, J.**, **Babinszky, L.**, **Paholcsek, M.**: [Alleviation of heat stress-induced microbial dysbiosis in pigs through dietary supplementation with vitamins and trace elements.](#)

anim microbiome. 8 (1), 1-25, (cikkazonosító: 75), 2026.

4. **Baccouri, W.**, Wanjala, G., Tóth, V., **Komlósi, I.**, Mikó, E.: [Associations between prenatal and early postnatal heat stress exposure and first-lactation](#)

[milk production, age at first insemination, and age at first calving in Holstein Friesian cows.](#)

Theriogenology. 260, 1-9, (cikkazonosító: 117927), 2026.

5. **Szőke, Z.**, **Gashi, N.**, **Dávid, P.**, **Fauszt, P.**, **Mikolás, M.**, **Szilágyi-Tolnai, E.**, **Szilágyi, E.**, **Bíró Molnár, P.**, **Pesti-Asbóth, G.**, **Homoki, J.**, **Forgács, I. N.**, **Gál, F.**, **Stündl, L.**, **Gálné Remenyik, J.**, **Paholcsek, M.**: [Comparative Analysis of Gut Microbiome Composition and Blood Lipid Profiles in Intensively Reared Broiler Chickens and Ducks.](#)

Animals (Basel). 16 (8), 1-24, (cikkazonosító: 1240), 2026.

6. Rogic, B., Moravčíková, N., Margeta, P., Strbac, L., Zorc, M., **Kovács, M.**, Vostry, L., Kasarda, R., **Posta, J.**: [Genetic diversity and population structure in seven lipizzan populations based on microsatellite genotyping.](#)

Animals (Basel). 16 (10), 1-12, (cikkazonosító: 1516), 2026.

7. **Mohammed, E. A. H.**, **Fehér, M.**, **Bársony, P.**, **Teye-Gaga, C.**, **Czeglédi, L.**, Freytag,



- C., Váradi, A., **Ahmed, A. E. M., Pál, K.:** [Growth Performance, Gut Integrity and Intestinal Microbiome Responses of Juvenile Common Carp \(*Cyprinus carpio* L.\) to Probiotic and Prebiotic Supplementation.](#)
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8. **Fauszt, P., Mikolás, M., Dávid, P., Szőke, Z., Gashi, N., Szilágyi-Tolnai, E., Szilágyi, E., Szarvas, M. M., Fazekas, M., Kun-Nemes, A., Stágel, A., Gál, F., Czeglédi, L., Biró, S., Stündl, L., Gálné Remenyik, J., Paholcsek, M.:** [Longitudinal source-sink dynamics of fecal litter and farm indoor environmental resistomes in broiler chicken and Cherry Valley ducks.](#)
anim microbiome. 8 (1), 1-20, (cikkazonosító: 45), 2026.
9. **Pecsenye, B., Rockaya, M., Pacza, T., Mposula, Z., Máthé, E.:** [Making Sense of Developmental Kinetics Under High-Sugar Stress: Mathematical Modeling of Phenotypic Plasticity in *Drosophila melanogaster*.](#)
Nutrients. 18 (8), 1-17, (cikkazonosító: 1255), 2026.
10. Müller, B., Benczúr, K., May, Z., **Tóth, B., Lopez, P., Arcoverde Cerveira, S. V., Sipos, G., Gyuricza, C., Szalai, G., Fodor, F.:** [Na-salicylate and S-methylmethionine modulate stress-responsive ionomic and metabolomic pathways in Szarvasi-1 energy grass.](#)
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11. **Kovács, M., Hegedűs, B., Mihók, S., Knop, R., Szabó, C., Posta, J.:** [Population structure and genetic diversity among Lipizzan mare families in Hungary based on microsatellite genotyping.](#)
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12. Kiss, A., **Alshaal, T. A. A. I.:** [Rapid, Matrix-Dependent Changes in Polyphenols and Antioxidant Capacity of Methanol Plant Extracts During Short-Term Storage: Implications for Analytical Timing.](#)
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13. Abd El-Aziz, M. A., **Elhawat, N. A., Amer, A. K. H., Badawy, A. F. M., El, S. A. E., Khalifa, R. M., Shabana, M. A., Alshaal, T. A. A. I.:** [Revolutionizing sugar beet yield and quality in saline sandy soil through synergistic humic acid, glauconite, and boron foliar application.](#)
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14. **Pál, A., Nagy, R., Máthé, E., Keczkó, P., Sipos, P.:** [Ripening- and Season-Dependent Variation in Polyphenolic Compounds and the Antioxidant Capacity of Sour Cherry \(*Prunus cerasus* L.\).](#)
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15. Kiss, A., **Czeglédi, L., Alshaal, T. A. A. I., Török, E., Gulyás, G., Béni, Á., Atieh, R., Kiss, D., Nagy, P. T., Tóth, A. F., Szilágyi, A., Kokas, M., Bana, B., Brassó, D. L.:** [Selective and time-dependent transfer of herb-derived terpenes into cow milk without sensory impacts.](#)
J. Dairy Sci. 1, 1-15, 2026.
16. **Gashi, N., Fauszt, P., Dávid, P., Szőke, Z., Bíró Molnár, P., Kun-Nemes, A., Szöllősi, E., Gál, F., Stündl, L., Zsombik, L., Gálné Remenyik, J., Paholcsek, M.:** [Soil management-dependent shifts in microbial diversity and nutrient-related functions ultimately shape the nutritional composition of maize and wheat.](#)
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17. Veres, S., Alshaal, T. A. A. I., Elhawat, N. A.: [Synergistic effects of nitrogen, sewage sludge, and poultry manure on integrative fertilization for wheat and sugar beet in marginally saline soil.](#)
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18. Nguyen, H. H. D., Prokisch, J.: [Valorizing banana peel into carbon dots via pyrolysis: CCD optimization and machine learning prediction of fluorescent properties.](#)
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19. Kisvarga, S., Horotán, K., Pusztahelyi, T., Boronkay, G., Istvánfi, Z., Orosz, V., Almási, C., Orlóci, L.: [When quiet streets are more toxic: The paradox of low-traffic urban canyons.](#)
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20. Dobránszki, J., Li, B. Y., Martínez, M. A., Shen, L.: [Women in plant science around the world.](#)
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(source: filtered from IDEA Tudóstér)

1. Kovács, M., Bartik, F., Antal, D., Szabó, C., Mihók, S., Posta, J.: [A 2022. évi hazai lipicai ménállomány értékelése lányaik küllemi bírálati eredménye alapján = Evaluation of the 2022 year Hungarian Lipizzan stallion population based on the conformation scoring results of their daughters.](#)
Állatteny. takarm. 75 (1), 41-51, 2026.
2. Horváth, M., Szabó, C.: [A malacnevelés eredményességét befolyásoló tényezők.](#)
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3. Tóth, B.: [A minőségjavító lombtrágyázás jelentősége a búza produktív fázisában.](#)
Értékálló aranykorona. 26 (4), 4-6, 2026.
4. Horváth, M., Szabó, C.: [A precíziós takarmányozás jelentősége sertéságazatban.](#)
Értékálló aranykorona. 26 (2), 22-23, 2026.
5. Juhász, L.: [A vágótok. Az év hala 2026-ban.](#)
Termész. Világa. 157 (4), 181-184, 2026.
6. Kövér, L., Paládi, P., Lengyel, S.: [A varjak Dzsingisz kánja - az indiai házi varjú inváziója.](#)
Madártávlat. -1217-7156 33 (1.), 20-22, 2026.
7. Sipos, M., Csihon, Á.: [Megújíthatjuk idős gyümölcsfáinkat?.](#)
Mezőhír. 30 (4), 56-58, 2026.
8. Apáti, F., Csihon, Á., Krivdáné Dorogi, D., Kurmai, V.: [Mi lesz veled, magyar dió?.](#)
Agrofórum Extra. 115, 14-18, 2026.
9. Csihon, Á., Drén, G.: [Növényvédelem precíziós megoldásokkal.](#)
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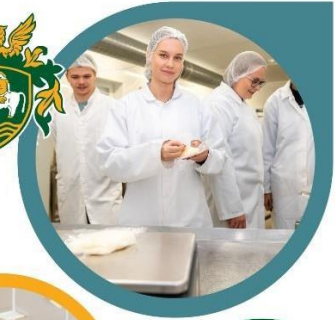
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Részletek: <https://mek.unideb.hu/felnottkepzes>

- Pane Italiano - Focaccia és Ciabatta
- 1-től 6 szálíg - tésztafonás lépésről lépésre
- 1-től 6 szálíg - tésztafonás lépésről lépésre
- A dróntechnológia szerepe a precíziós növénytermesztésben
- A mezőgazdaság az űrből - műholdfelvételek és hasznosításuk a gyakorlatban
- Gabonafélék laborvizsgálatai közérthetően
- 1-től 6 szálíg - tésztafonás lépésről lépésre
- 1-től 6 szálíg - tésztafonás lépésről lépésre
- Gyógynövénygyűjtés és feldolgozás
- Élelmiszerhigiéna a mindennapokban
- Hullók és kételtűek tartása és egészségvédelme
- Pane Italiano - Focaccia és Ciabatta
- Gyógynövénytermesztés és feldolgozás
- Házi sajtkészítés

- július 4.
- július 11. de.
- július 11. du.
- augusztus 25.
- augusztus 26.
- szeptember 4.
- szeptember 5. de.
- szeptember 5. du.
- szeptember 5. és 12.
- szeptember 11-12.
- szeptember 12.
- szeptember 19.
- szeptember 19. és 26.
- szeptember 26.



DE MÉK elméleti és gyakorlati képzőhelyei



Képzések időtartama: 1-2 nap



mek.unideb.hu/felnottkepzes

*A tanfolyam nem minősül akkreditált felnőttképzésnek, a résztvevők tanúsítványt kapnak a kurzus elvégzéséről, de a képzés oklevelet, képesítést nem ad. A tanúsítvány szakképzettséget és szakképesítést nem tanúsít. A tanúsítvány munkakör betöltésére nem, tevékenység folytatására jogszabályban meghatározott esetben jogosít.

** A képzés helyszíne eltérhet, pontos információk elérhetőek a jelentkezési felületen.

A programváltozás jogát fenntartjuk!

● Növény ● Állat ● Élelmiszer ● Analitika ● Műszaki





DEBRECENI EGYETEM MEZŐGAZDASÁG-,
ÉLELMISZERTUDOMÁNYI ÉS KÖRNYEZETGAZDÁLKODÁSI KAR

Felnyitóképzési nyilvántartási szám: B/2020/001456

A DRÓNTECHNOLÓGIA SZEREPE A PRECÍZIÓS NÖVÉNYTERMESZTÉSBN

FELNŐTTKÉPZÉS_MÉK



*Ismerd meg, hogy helyesen
tudod használni!*



légi felvételek

JELENTKEZÉSI HATÁRIDŐ: 2026. AUGUSZTUS 16.

A KÉPZÉS IDŐPONTJA: 2026. AUGUSZTUS 25.

- Sajátítsd el a terület felvételezésre használt drónok üzemeltetésével és adatelemzésével kapcsolatos tudást.
- Megtanulhatsz a drónból származó RGB, RGN, NGB és multispektrális felvételek megkülönböztetését.



Jelentkezés és további információk az alábbi oldalon:

mek.unideb.hu/felnottkepzes

Képzés díja: 50.000.- Ft, amely tartalmazza a 27%-os ÁFÁ-t.

Képzés helyszíne: Debreceni Egyetem MÉK, 4032 Debrecen Böszörményi út 138., Földhasznosítási, Műszaki és Precíziós Technológiai Intézet

Kérdezz az alábbi elérhetőségeken: Dr. Bojtor Csaba, bojtor.csaba@agr.unideb.hu +52 508 444/88488

A képek csak illusztrációk!

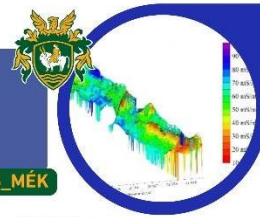
A programváltozás jogát fenntartjuk!

DEBRECENI EGYETEM MEZŐGAZDASÁG-,
ÉLELMISZERTUDOMÁNYI ÉS KÖRNYEZETGAZDÁLKODÁSI KAR

Felnyitóképzési nyilvántartási szám: B/2020/001456

A MEZŐGAZDASÁG AZ ŪRBŐL - MŪHOLD FELVÉTELEK ÉS HASZNOSÍTÁSUK A GYAKORLATBAN

FELNŐTTKÉPZÉS_MÉK



*Használd a felvételeket és tanuld meg Te
is a zónatérkép készítés feltételeit!*



mŪhold & zónatérkép

JELENTKEZÉSI HATÁRIDŐ: 2026. AUGUSZTUS 16.

A KÉPZÉS IDŐPONTJA: 2026. AUGUSZTUS 26.

- Megtanulhatsz, hogy tudsz menedzsment zónatérképet készíteni a mezőgazdasági tábláról szabadon hozzáférhető mŪholdfelvételek és térinformatikai szoftverek segítségével.
- Elsajátíthatod a mŪhold felvételekből történő vegetációs index számítás alapjait Quantum GIS segítségével.



Jelentkezés és további információk az alábbi oldalon:

mek.unideb.hu/felnottkepzes

Képzés díja: 50.000.- Ft, amely tartalmazza a 27%-os ÁFÁ-t.

Képzés helyszíne: Debreceni Egyetem MÉK, 4032 Debrecen Böszörményi út 138., Földhasznosítási, Műszaki és Precíziós Technológiai Intézet

Kérdezz az alábbi elérhetőségeken: Dr. Bojtor Csaba, bojtor.csaba@agr.unideb.hu +52 508 444/88488

A képek csak illusztrációk!

A programváltozás jogát fenntartjuk!

DEBRECENI EGYETEM MEZŐGAZDASÁG-,
ÉLELMISZERTUDOMÁNYI ÉS KÖRNYEZETGAZDÁLKODÁSI KAR

Felnyitóképzési nyilvántartási szám: B/2020/001456

GABONAFÉLÉK LABORVIZSGÁLATAI KÖZÉRTHETŐEN

FELNŐTTKÉPZÉS_MÉK



*Ismerd meg a gabonafélék minősítéséhez használt
laboratóriumi vizsgálati módszereket!*



végzőlgy gabonát

JELENTKEZÉSI HATÁRIDŐ: 2026. AUGUSZTUS 23.

A KÉPZÉS IDŐPONTJA: 2026. SZEPTEMBER 4.

- Szakszerűen végeznél gabona mintavételt, minta előkészítési eljárásokat? Sajátítsd el, hogyan tudod meghatározni, mire jó a liszt!
- Megtanulhatsz a sikértartalom és a reológiai tulajdonságok meghatározásának feltételeit.



Jelentkezés és további információk az alábbi oldalon:

mek.unideb.hu/felnottkepzes

Képzés díja: 50.000.- Ft, amely tartalmazza a 27%-os ÁFÁ-t.

Képzés helyszíne: Debreceni Egyetem MÉK, Böszörményi úti Campus, Agrárműszerközpont

Kérdezz az alábbi elérhetőségeken: Dr. Kovács Szilvia, kovacs.szilvia@agr.unideb.hu +36 52 508 444 / 88514

A képek csak illusztrációk!

A programváltozás jogát fenntartjuk!

DEBRECENI EGYETEM MEZŐGAZDASÁG-,
ÉLELMISZERTUDOMÁNYI ÉS KÖRNYEZETGAZDÁLKODÁSI KAR

Felnyitóképzési nyilvántartási szám: B/2020/001456

1-TŐL 6 SZÁLIG - TÉSZAFAONÁS LÉPÉSRŐL LÉPÉSRE

FELNŐTTKÉPZÉS_MÉK



Sodroj, formázz és fony!
Sajátítsd el a tésztafonás feltételeit!



sodroj & fony

- Sajátítsd el a tésztafonási technológiákat - sóskaács, briósformák, mindszenti kalács, 4-es és 6-os fonás.

- Megismerheted továbbá, a termékekhez szükséges szálfarmák kialakításnak feltételeit, azaz az egyenes sodrást és a hasas szálfarm kialakításának titkait.

Jelentkezés és további információk az alábbi oldalon:

mek.unideb.hu/felnottkepzes

Képzés díja: 20.000.- Ft, amely tartalmazza a 27%-os ÁFÁ-t.

Képzés helyszíne: Debreceni Egyetem MÉK, Élelmiszertudományi Intézet, Élelmiszeripari Innovációs Központ
Kérdezz az alábbi elérhetőségeken: Szarvas Máté, szarvas.mate@agr.unideb.hu +36 52 508 444 / 88496

A FELNŐTTKÉPZÉS KÉT TURNUSBAN INDUL!

JELENTKEZÉSI HATÁRIDŐ: 2026. AUGUSZTUS 23.

- 1. TURNUS IDŐPONTJA: 2026. SZEPTEMBER 5. 8:30 - 12:30**
- 2. TURNUS IDŐPONTJA: 2026. SZEPTEMBER 5. 13:30 - 17:30**



A képek csak illusztrációk!

A programváltozás jogát fenntartjuk!





DEBRECENI EGYETEM MEZŐGAZDASÁG-,
ÉLELMISZERTUDOMÁNYI ÉS KÖRNYEZETGAZDÁLKODÁSI KAR

Felnyitási nyilvántartási szám: B/2020/001456

GYÓGNÖVÉNYGYŰJTÉS ÉS FELDOLGOZÁS

FELNŐTTKÉPZÉS_MÉK



gyógynövények

*Ismerd fel, gyűjtsd és
használd felelősséggel!*



JELENTKEZÉSI HATÁRIDŐ: 2026. AUGUSZTUS 28.

A KÉPZÉS IDŐPONTJA:

2026. Szeptember 5. és 12. 8:00-12:00

- Elsajátíthatod a gyógynövény gyűjtés feltételeit és a hazai jogi szabályozásokat, valamint a helyes forrázat, teakeverékek készítésének alapjait.
- Megismerheted az egyes gyógynövények felhasználási területeit.

Jelentkezés és további információk az alábbi oldalon:

mek.unideb.hu/felnottkepzes

Képzés díja: 40.000.- Ft, amely tartalmazza a 27%-os ÁFÁ-t.

Képzés helyszíne: Debreceni Egyetem MÉK, 4032 Debrecen Böszörményi út 138.

Kérdezz az alábbi elérhetőségeken: Dr. Lelesz Judit Éva, lelesz.judit@agr.unideb.hu +52 508 444/88103

A képek csak illusztrációk!

A programváltozás jogát fenntartjuk!

DEBRECENI EGYETEM MEZŐGAZDASÁG-,
ÉLELMISZERTUDOMÁNYI ÉS KÖRNYEZETGAZDÁLKODÁSI KAR

Felnyitási nyilvántartási szám: B/2020/001456

ÉLELMISZERHIGIÉNY A MINDENNAPOKBAN

FELNŐTTKÉPZÉS_MÉK



élelmiszerhigiéna

*Gyakorló ételmezőgyártó vagy? Érdekel az
ételmezőhigiéna és mikrobiológia?*

JELENTKEZÉSI HATÁRIDŐ: 2026. AUGUSZTUS 30.

A KÉPZÉS IDŐPONTJA: 2026. Szeptember 11-12.

- Tanulj HACCP-ről, mintavételről, ételmezőszennyező baktériumokról és mikrobiológiai vizsgálatokról.
- Ha érdekel az ételmezőhigiéna és a mikrobiológia gyakorlati oldala, akkor itt a helyed!

Jelentkezés és további információk az alábbi oldalon:

mek.unideb.hu/felnottkepzes

Képzés díja: 50.000.- Ft, amely tartalmazza a 27%-os ÁFÁ-t.

Képzés helyszíne: Debreceni Egyetem MÉK, Böszörményi úti Campus, Agrárműszerközpont

Kérdezz az alábbi elérhetőségeken: Dr. Kovács Szilvia, kovacs.szilvia@agr.unideb.hu +36 52 508 444 / 88514

A képek csak illusztrációk!

A programváltozás jogát fenntartjuk!

DEBRECENI EGYETEM MEZŐGAZDASÁG-,
ÉLELMISZERTUDOMÁNYI ÉS KÖRNYEZETGAZDÁLKODÁSI KAR

Felnyitási nyilvántartási szám: B/2020/001456

PANE ITALIANO - FOCACCIA ÉS CIABATTA

FELNŐTTKÉPZÉS_MÉK



kenyérkészítés

*Gyúrd, keleszd és süsd meg,
majd vidd haza műved!*



JELENTKEZÉSI HATÁRIDŐ: 2026. Szeptember 6.

A KÉPZÉS IDŐPONTJA: 2026. Szeptember 19.

- Sajátítsd el az olasz kenyerek készítéséhez szükséges tudást. Megismerheted továbbá, az elkészítéskor előforduló kenyérhibák okait is.
- Ismerd meg a receptúrát, készítsd és fogyaszsd el kézműves termékedet.

Jelentkezés és további információk az alábbi oldalon:

mek.unideb.hu/felnottkepzes

Képzés díja: 30.000.- Ft, amely tartalmazza a 27%-os ÁFÁ-t.

Képzés helyszíne: Debreceni Egyetem MÉK, Élelmiszertechnológiai Intézet, Élelmiszeripari Innovációs Központ

Kérdezz az alábbi elérhetőségeken: Szarvas Máté, szarvas.mate@agr.unideb.hu +36 52 508 444 / 88496

A képek csak illusztrációk!

A programváltozás jogát fenntartjuk!

DEBRECENI EGYETEM MEZŐGAZDASÁG-,
ÉLELMISZERTUDOMÁNYI ÉS KÖRNYEZETGAZDÁLKODÁSI KAR

Felnyitási nyilvántartási szám: B/2020/001456

HÜLLŐK ÉS KÉTÉLTŰEK TARTÁSA ÉS EGÉSZSÉGVÉDELME

FELNŐTTKÉPZÉS_MÉK



hüllők & kétéltűek

*Legyél Te is felelős
egzotikus állattartó!*

JELENTKEZÉSI HATÁRIDŐ: 2026. AUGUSZTUS 31.

A KÉPZÉS IDŐPONTJA: 2026. Szeptember 12.

- Sajátítsd el Te is az egzotikus állattartók felelős állattartásának alapelveit!
- Ismerd meg a leggyakrabban tartott hüllők és kétéltűek biológiai igényeit, helyes tartási módját, táplálását és egészségvédelmi sajátosságait.

Jelentkezés és további információk az alábbi oldalon:

mek.unideb.hu/felnottkepzes

Képzés díja: 20.000.- Ft, amely tartalmazza a 27%-os ÁFÁ-t.

Képzés helyszíne: Debreceni Egyetem MÉK, 4032 Debrecen, Böszörményi út 138.

Kérdezz az alábbi elérhetőségeken: Dr. Knop Renáta, dr.knop.renata@agr.unideb.hu

A képek csak illusztrációk!

A programváltozás jogát fenntartjuk!





DEBRECENI EGYETEM MEZŐGAZDASÁG-,
ÉLELMISZERTUDOMÁNYI ÉS KÖRNYEZETGAZDÁLKODÁSI KAR

Felnőttképzési nyilvántartási szám: B/2020/001456

GYÓGNÖVÉNYTERMESZTÉS ÉS FELDOLGOZÁS

FELNÖTTKÉPZÉS_MÉK

*Termessz, dolgozd fel és
védd az egészséged!*



JELENTKEZÉSI HATÁRIDŐ: 2026. SZEPTEMBER 11.

A KÉPZÉS IDŐPONTJA:

2026. SZEPTEMBER 19. ÉS 26. 8:00–12:00

- Tanuld meg a gyógynövények kiskerti termesztési feltételeit: vetés, palántanevelés, ápolás.
- A feldolgozási technológiák elsajátításával megtanulhatsz a gyógynövények tartósítási módjait és felhasználását.

Jelentkezés és további információk az alábbi oldalon:

mek.unideb.hu/felnottkepzes

Képzés díja: 40.000.- Ft, amely tartalmazza a 27%-os ÁFÁ-t.

Képzés helyszíne: Debreceni Egyetem MÉK, 4032 Debrecen Böszörményi út 138.

Kérdezz az alábbi elérhetőségeken: Dr. Lelesz Judit Éva, lelesz.judit@agr.unideb.hu +52 508 444/88103

A képek csak illusztrációk!

A programváltozás jogát fenntartjuk!



termesség otthon



DEBRECENI EGYETEM MEZŐGAZDASÁG-,
ÉLELMISZERTUDOMÁNYI ÉS KÖRNYEZETGAZDÁLKODÁSI KAR

Felnőttképzési nyilvántartási szám: B/2020/001456

HÁZI SAJTKÉSZÍTÉS

FELNÖTTKÉPZÉS_MÉK

*Tanuld meg, készítsd
el és vidd haza!*



JELENTKEZÉSI HATÁRIDŐ: 2026. SZEPTEMBER 13.

A KÉPZÉS IDŐPONTJA: 2026. SZEPTEMBER 26.

- Sajátítsd el a gomolyasajt, mint friss sajt készítéséhez és ízesítéséhez szükséges tudást.
- Megismerheted, hogyan lehet hasznosítani a keletkezett mellékterméket, többek között hogyan készíthető tejsavból orda.

Jelentkezés és további információk az alábbi oldalon:

mek.unideb.hu/felnottkepzes

Képzés díja: 40.000.- Ft, amely tartalmazza a 27%-os ÁFÁ-t.

Képzés helyszíne: Debreceni Egyetem MÉK, Élelmiszertechnológiai Intézet, Élelmiszeripari Innovációs Központ

Kérdezz az alábbi elérhetőségeken: Szarvas Máté, szarvas.mate@agr.unideb.hu +36 52 508 444 / 88496

A képek csak illusztrációk!

A programváltozás jogát fenntartjuk!



gomolyag



UNIVERSITY OF DEBRECEN
Faculty of Agricultural and Food Sciences
and Environmental Management

MISSION

Integrated development and knowledge sharing to
support competitive agriculture, ethical food production
and environmental sustainability.



INFOMÉK

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Contact: Innovacio@agr.unideb.hu

