

# Goal 4. Quality Education. "Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all."

### **Karazin University is in THE World University Rankings 2024**





For the eighth consecutive year, the University of Oxford claimed the top spot in the World University Rankings. Stanford University secured the second position, while the Massachusetts Institute of Technology (MIT) ranked the third.

Karazin Kharkiv National University maintained its position in the World University Rankings 2024 within the range of 1201-1500 globally.



Participation in the evaluation of the University based on its research environment, research quality, and knowledge transfer contributes to the development of accessible and high-quality higher education, innovation, and intellectual infrastructure — supporting the goals of SDG 4 (Quality Education) and SDG 9 (Industry, Innovation, and Infrastructure).

## Ensure quality education and promote equal opportunities for all. The Meeting of the Supervisory Board within the LIA/IRP IDEATE Project





On September 19th, a meeting of the Supervisory Board was held as part of the LIA/IRP IDEATE project, which brings together the work of French and Ukrainian scientists, including representatives of the academic community from both countries. At the meeting of the project's steering committee, Karazin University was represented by a working group led by the Acting Director of the Research Institute of Physics and Technology, Pylyp Kuznetsov. During the meeting, discussions were held on joint developments by French and Ukrainian partners and the possibility of continuing the work of the Associated International Laboratory (LIA) within the International Research Project (IRP) "Instrumental Developments for Experiments on Particle Accelerators and Accelerator Technologies" (IDEATE).



The collaboration between Ukrainian and French scientists within the framework of the LIA/IRP IDEATE project contributes to enhancing the level of scientific education and the development of innovation in higher education institutions of both countries.

### The Delegation from Karazin University Visited Leading Universities in the Republic of Uzbekistan





As a part of a working trip to the Republic of Uzbekistan, the Rector of the university, Tetiana Kaganovska, and the Vice-Rector for Research and Teaching, Zarif Nazirov, visited several leading universities in the country. These included the Mirzo Ulugbek National University of Uzbekistan, the International University of Tourism and Cultural Heritage "Silk Road," and the Central Asian Green University. During the meetings, they discussed new areas of cooperation, including those that were planned prior to the full-scale invasion in the autumn of 2021. They also explored opportunities for academic mobility and double degrees. The educational institutions plan to collaborate in the fields of environmental, chemical, and physical education, as well as in the areas of international relations, tourism, and cultural heritage. The administration of Karazin University shared its experience and learned about the extensive activities of Uzbek higher educational institutions across various academic disciplines.



The collaboration contributes to improving the quality of education, developing academic mobility, exchanging experiences, and providing opportunities for obtaining double degrees. The inclusion of fields such as culture, tourism, and international relations in the programs supports the development of interdisciplinary, cultural, and humanitarian aspects of education.

https://karazin.ua/en/news/delehatsiia-karazinskoho-universytetu-vidvidala-providni-un/

## Karazin University has Completed the Educational Process for Teachers under the Program "Primary Aid for Children with Post-Traumatic Stress Disorder"





On September 21, 2023, the Center for Postgraduate Education at Karazin University held the final session of the non-formal education program titled "Primary Assistance for Children with Post-Traumatic Stress Disorder" at the municipal institution "Kharkiv Lyceum No. 11 named after Danilo Didyk of the Kharkiv City Council." The program was attended by administrative staff and educational professionals from various categories.



The director of the Center for Postgraduate Education, Mykhailo Tatarinov, congratulated the participants of the professional development courses on successfully completing the program. He emphasized the importance of teachers' ongoing self-regulation and the implementation of survival strategies in the context of a state of war. At the end of the session, Mykhailo Tatarinov presented the lyceum's educators with documents certifying their qualification enhancement.

We are working to ensure inclusive and equitable quality education, as well as to enhance teacher qualifications in response to modern challenges.

## International Scientific and Practical Conference on 'Transformations of Personality, Society, and the Labor Market: Challenges of the Future and Their Impact on Education



From September 20th to 22nd, Karazin University hosted the International Scientific and Practical Conference "Transformations of Personality, Society, and the Labor Market: Challenges of the Future and Their Impact on Education" in a hybrid format. The conference took place within the framework of the Erasmus+ DEFEP project "Distance Education of the Future: Best Practices of the EU in Response to the Needs of Modern Higher Education and Labor Market Representatives." The goal of the conference was to bring together educators, researchers, business representatives, government officials, and civil society members from Ukraine, Moldova, and EU countries to share experiences and define perspectives for the further development of the education system in the context of contemporary and future challenges. Participants from Karazin University were welcomed by Anton Panteliimonov, Vice-Rector for Research and Teaching, who wished them productive work and engaging discussions. Representatives from 11 higher education institutions participated in plenary sessions, sectional meetings, and roundtable discussions, including the following universities: V.N. Karazin Kharkiv National University (Ukraine), Petro Mohyla Black Sea National University (Ukraine), Vadym Hetman Kyiv National Economic University (Ukraine), Uman National University of Horticulture (Ukraine), Lviv National University of Natural Resources and Life Sciences (Ukraine), Chernihiv Polytechnic National University (Ukraine), Moldova State University (Moldova), Technical University of Moldova (Moldova), Saarland University (Germany), King Juan Carlos University (Spain), University of Palermo (Italy).



The conference is focused on the transformation of education in response to future challenges, particularly through distance learning and adaptation to labor market needs, which contributes to ensuring inclusive and quality education for all, as well as promoting lifelong learning opportunities.

https://karazin.ua/en/news/mizhnarodna-naukovo-praktychna-konferentsiia-laguo-transfor/

#### The Central Scientific Library of Karazin University has Acquired a Substantial Collection of Books on Cultural Studies, Ethnology, and Folklore





The Central Scientific Library of Karazin University has received a significant book collection on cultural studies, ethnology, and folklore as a gift from the Institute for Art Studies, Folklore, and Ethnology named after M.T. Rylsky of the National Academy of Sciences of Ukraine. The National Academy of Sciences of Ukraine, represented by President and Chairman of the Supervisory Board of Karazin University, Academician Anatoliy Zagorodniy, initiated a charitable campaign called "National Academy of Sciences of Ukraine - to Libraries" to support those scientific centers, research schools, and institutions that suffered the most. Valentyna Sushko, Senior Researcher at the institute, stated: "We are presenting a collection consisting of modern editions of our luminaries: Pavlo Chubynsky, Filaret Kolessa, Kateryna Hrushevska. This is the foundation of Ukrainian humanities, the treasure that needs to be utilized."



Expanding the university library with specialized scientific literature contributes to the development of the academic community, students, and researchers by ensuring equal access to knowledge and scientific information, especially in the context of post-crisis recovery. Strengthening library collections is an important step toward preserving the continuity of scientific heritage.

On September 20, the administration of Karazin University, led by Rector Tetyana Kaganovska visited the Ministry of Higher Education, Science, and Innovation of the Republic of Uzbekistan.

During the meeting, discussions centered on strengthening the integration of education, science, and industry, the commercialization of new developments, and the advancement of rationalization activities. Further cooperation in several areas was also planned, including the establishment of a representation of Karazin University in the Republic of Uzbekistan and joint scientific research projects

Education + Innovation + Production — the "knowledge triangle" model that meets the modern requirements of sustainable development.



Karazin University is strengthening international cooperation in the field of education by promoting the integration of science, education, and innovation. Initiatives such as the opening of a university representative office in Uzbekistan contribute to expanding access to quality higher education and fostering academic mobility.

#### Karazin University in the QS World University Rankings: Europe 2024





The QS World University Rankings have been published: Europe 2024 is the first ranking of the international agency QS, which focuses exclusively on European universities. The ranking includes 31 higher education institutions of Ukraine. Karazin University was ranked 316th among European universities and 3rd among Ukrainian ones. The first place in Ukraine is taken by Taras Shevchenko Kyiv National University, the second - by Igor Sikorsky Kyiv Polytechnic Institute.



Karazin University was included in the QS Europe 2024 ranking, achieving a high position among Ukrainian higher education institutions, which reflects the high quality of its educational services, scientific work, and academic reputation. Such rankings promote transparency, the improvement of higher education standards, and encourage universities to pursue continuous development.

Karazin University Representatives Participated in the International Scientific Congress in Lithuania. Discussion of new challenges for historians in times of change





From September 15 to 17, the International Congress titled "Reimagining Ukraine and Europe: New Challenges for Historians" was held at Vilnius University in Lithuania. The event was organized by 17 European institutions, including the Research Council of Lithuania, the Government of Lithuania, the German Historical Institute in Warsaw, and others. The forum brought together more than 100 researchers representing Ukraine, Lithuania, Germany, Poland, the United Kingdom, France, and other countries. The congress discussions covered the development of a new narrative for the history of Ukraine and the entire Central and Eastern European region. The work was organized into 18 sections, and there were also presentations on international grant programs and several panel discussions.



Academic mobility, joint research, and international cooperation within the global educational space.

The university maintains its international scientific activity despite the war. On September 2nd, Professor Igor Hirka from the Educational and Scientific Institute of the School of Physics and Technology participated in the Polish Physical Society Congress.





Professor Hirka also informed about the destruction of university buildings and the wartime losses among students, staff, and graduates of Karazin University. Igor Horka expressed his gratitude to the Polish society. He highlighted that today, over two million Ukrainians reside in Poland, and he thanked the entire democratic community for their support of Ukraine. He also reminded everyone about the possibility of helping the university through the Kharkiv Karazin University Foundation.

The university continues its international scientific cooperation despite the challenges of war, aiming to preserve and restore the quality of education.

#### Official Conferment of Honorary Doctorate Attributes to American Historian and Writer Timothy Snyder at Karazin University

In Kyiv, a meeting took place between the administration of Karazin University, led by Rector Tetiana Kaganovska and Vice-Rector Anatoliy Babichev, with American historian and writer Timothy Snyder, and Ukraine's Minister of Education and Science, Oksen Liashko. During the meeting, an honorary doctorate (doctor honoris causa) diploma, a gown, and the sculpture "Per aspera ad astra!" were ceremoniously awarded to Timothy Snyder. The Minister addressed Timothy Snyder with the following words: 'We are delighted to welcome you here and congratulate you on receiving this gown today from one of the country's leading universities. This is a prestigious university with significant historical importance. It is a great honor for me that this conferment is taking place right here within the ministry.'





The university promotes academic excellence and international cooperation in the fields of education, science, and the humanities, supporting academic quality and a strong scientific reputation.

International cooperation for the development of educational practices and solutionsKarazin University Joins Activities Within the Erasmus+ Project "Integration and Adaptation of Foreign Students/INTERADIS" at the University of Foggia, Italy



On September 2-3, 2023, a coordination meeting took place as part of the implementation of the Erasmus+ project "Integration and Adaptation of Foreign Students/INTERADIS" at the University of Foggia, Italy. All Ukrainian partner universities prepared presentations on the achieved results within the project, discussed the activities they plan to implement before its conclusion, and outlined the next steps for preparing the final report and upcoming events. From September 4-6, 2023, a study visit of Ukrainian project teams to the University of Foggia took place. Education and Research Institute "Karazin Business School" is the headquarter of the Karazin University project. Participants discussed the necessity of developing and supporting various communication channels for engaging foreign students, changes that have occurred due to the war in Ukraine regarding the involvement of foreign students, challenges, and alternative ways to overcome them.



Participation in the project contributes to improving the quality of education and the internationalization of the university through the adaptation of international students.

- \* Development of tools for the integration and support of international students
- \* Exchange of experience between European and Ukrainian universities
- \* International academic mobility

#### The International Seminar "Plasma Electronics and New Acceleration Methods"





In September 5-6, the XVI International Seminar on Plasma Electronics and New Acceleration Methods took place at the National Scientific Center "Kharkiv Physics and Technology Institute." The seminar featured seven sections with a total of 57 presentations, including 24 research studies conducted with the participation of Karazin University staff. Participants of the seminar represented 18 local and 14 international universities and scientific centers, including institutions from the United Kingdom, Italy, Germany, Poland, the United States, and France. The peer-reviewed scientific articles have been published in the journal "Issues of Atomic Science and Technology," which is indexed in the Scopus scientific database.



The seminar promotes the development of advanced scientific education and research activities.

- \* Active participation of students and researchers in the international seminar
- \* Dissemination of scientific knowledge through Scopus-indexed publications
- \* Integration of cutting-edge technologies into educational and research practices

#### Karazin University has launched the Adult Education Week

Adult Education Week is a series of captivating lectures with scientific and popular content aimed at a broad audience. Such events align with the 4th goal of the United Nations' Sustainable Development Goals, "Quality Education." Today, lecturers talked about the requirements for adults' digital competencies and shared advice on creating a "killer" resume. Participants learned how to consume healthy beverage and explored historical facts about the connections between Cossacks and Tatars.





- Promotes lifelong learning
- Enhances digital literacy and employability
- Encourages healthy lifestyles and informed choices
- Fosters intercultural understanding and history education
- ✓ Is accessible and inclusive, potentially serving marginalized or older populations



#### The Launch of the Project "Center for Postgraduate Medical Education at Karazin University"





Karazin University Launches the Center for Postgraduate Medical Education. One of the largest educational initiatives has been developed in the country in the field of postgraduate medical education for experienced specialists, beginners, medical interns, and students in all medical specialties. The Center for Postgraduate Medical Education offers 16 specialties of internships, 43 secondary medical specializations, over 300 continuous professional development events for medical professionals, and the best simulation center in the country with training equipment from renowned global brands. Within the Karazin Center, there is the most powerful dental school in the country with its simulation and clinical-practical educational centers, international certification programs, three international medical startup projects, and more than 20 top clinical bases in the region. Karazin University's educational initiatives for non-medical specialists provide professional knowledge that every Ukrainian needs. The center teaches essential skills such as providing emergency assistance, controlling bleeding, performing cardio-pulmonary resuscitation, maintaining health and beauty, promoting a healthy lifestyle, and conducting medical manipulations, among others. The Center has combined 200 years of classical university education traditions with innovative teaching technologies, involving the country's top simulation center and 30 leading healthcare institutions in the region. It collaborates with 12 institutes of the Medical School, runs 21 schools for postgraduate medical education, and partners with 17 schools of the university to train medical professionals.

This project is a vivid example of the synergy between education, science, medicine, and social responsibility, reflecting the spirit of the Sustainable Development Goals (SDGs). The center provides access to innovative, high-quality, and practice-oriented medical education for a broad audience



https://karazin.ua/en/news/start-proiektu-laquo-tsentr-pisliadyplomnoi-medychnoi-osvit/

## Collaboration with the University of York Karazin Students have Completed their Internships in Greece for the Third Time

From September 3 to 8, 2023, 22 students and faculty members from various departments of Karazin University successfully participated in a Summer School held in Thessaloniki, the second-largest city in Greece, at CITY College – the European campus of the University of York.

The Summer School is a large-scale initiative made possible through the close cooperation between Karazin University and the University of York within the framework of the Twinning program, launched by the Cormack Consultancy Group. Participants of the school, which focused on two main areas — \*Human Rights\* and \*PhD Research Skills\* — had the opportunity to work with CITY College experts and enhance their knowledge and skills through a variety of engaging formats. They gained new experience in areas such as human rights protection, conducting research, and writing a PhD dissertation. The program also covered academic writing, research ethics, and academic integrity, as well as strategies for securing funding for research projects. In addition to the intensive academic program, participants from Karazin were offered an engaging and diverse cultural and historical program, which allowed them to explore the history and traditions of Thessaloniki and experience its unique atmosphere. Students and faculty took part in an informative city tour and visited significant historical landmarks, including the Basilica of Saint Demetrius, the Church of Hagia Sophia, the Archaeological Museum, and the Chalkidiki Peninsula.





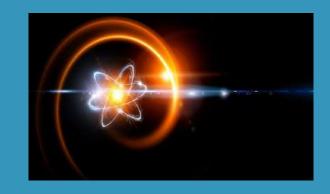
Participation in the Summer School contributed to the improvement of academic skills, knowledge of human rights, ethics, academic integrity, and the preparation of PhD research.



## Karazin University joined the work of the Scientific Committee of the European Contest of Scientific Projection the Field of Controlled Fusion



On 18-19 September 2023, professors of the Education and Research Institute of the School of Physics and Technology took part in the work of the Scientific Committee (Jury) of the European Call for Scientific Projects in the field of Controlled Fusion. In particular, the Head of the Department of Applied Physics and Plasma Physics, Academician Ihor Harkusha worked in the Materials Science section, while Professor of the same department, Corresponding Member Ihor Hirka worked in the Technologies and Systems section. The jury reviewed the results of their pre-evaluation of the funding requests and made recommendations for funding the best requests and improving the selection procedure in the future to the EUROfusion General Assembly. Out of fourteen requests, three projects were recommended for funding in each section.



The participation of professors in international competitions contributes to improving the quality of education, sharing knowledge and experience, which is essential for the development of new educational programs and the training of highly qualified specialists in the field of nuclear fusion.

## The administration of Karazin University met with representatives of Vrije Universiteit Amsterdam, the Aurora Alliance, and the EURODICE project

On September 25, the Rector of Karazin University, Tetiana Kahanovska, attended a seminar at Vrije Universiteit Amsterdam. The University Social Responsibility Network (USRN) was established in 2015 to unite universities in collaborative efforts to address global economic, social, cultural, and environmental challenges and to find solutions for a more just, inclusive, peaceful, and sustainable world. University Social Responsibility (USR)expands the traditional mission of educational institutions by focusing on developing solutions for the economic, social, and environmental problems faced by society. Karazin University supports this mission, which is why it was invited to join the seminar as an observer and to continue future cooperation. The Aurora Universities Alliance supports Karazin University, having been one of the first donors for the university's recovery. It has also initiated a number of educational and scientific activities in support of Karazin's academic community. As of November 2023, the Alliance's work has been extended for another three years. As part of the EURIDICE project, a new joint EU master's degree will be developed and implemented, featuring an interdisciplinary and research-oriented program. The project will also include the development of teaching capacity through dedicated modules for the EURIDICE Academic Teacher program and a corresponding lifelong learning professional program aimed at professionals and managers in the workplace. EURIDICE will also enable further expansion by opening modules of international master's courses to be accessible within other master's programs.





Ensuring inclusive and equitable quality education and promoting lifelong learning opportunities for all.

Development of teaching capacity through the EURIDICE Academic Teacher program.



# All-Ukrainian Scientific Conference 'Theoretical and Applied Aspects of Biographistics: Celebrating the 250th Anniversary of Vasyl Karazin' – Summary of the Conference

The conference was co-organized by the Institute of Ukrainian Studies of the School of Philosophy and the Center for Ukrainian Studies and P. T. Tronko Center for Area Studies. The conference saw participation from over 80 attendees, including representatives from Kharkiv and the Kharkiv region, Kyiv, Berezhany, Zhytomyr, Kanev, Kramatorsk, Kropyvnytskyi, Lviv, Odesa, Poltava, Sumy, and Kherson, as well as members of the 5th Slobozhanska Brigade of the National Guard of Ukraine. During the plenary session, participants were welcomed by Vice-Rector Anton Panteliimonov, Dean of the School of Philosophy Ivan Karpenko, and Director of the Center for Ukrainian Studies and Area Studies named after Academician P.T. Tron'ko, Serhiy Kudelko. A video message from the Karazin family heir, Larisa Deshko, was also presented. The conference began with a presentation titled "Vasyl Nazarovych Karazin: A 21st-Century Perspective" by Olha Vovk, Deputy Director of the Center for Ukrainian Studies and Local History named after Academician P.T. Tron'ko. Olha Nazarova, Head of the Intercultural Communication and Project Activities Department of the Central Scientific Library at Karazin University, introduced an exhibition of books dedicated to the 250th anniversary of Vasyl Nazarovych Karazin. Additionally, there was a presentation o several new publications in the field of Biography Studies.

Ensuring inclusive and equitable quality education and promoting lifelong learning opportunities for all. Promoting the development of research and education in the field of humanities.



#### The course "Humanistic Entrepreneurship" in English for German and Ukrainian students.





As part of the collaboration between Karazin Kharkiv National University and partner German universities, South Westphalia University of Applied Sciences and Karlsruhe University of Education, a joint course titled "Humanistic Entrepreneurship" in English is planned for German and Ukrainian students. Course Instructors: Professor Ewald Mittelstadt, Professor Claudia Wipke, Associate Professor Olena Mykolenko. Within the course, the method of studying real situations through Massive Open Online Courses (MOOC) will be applied. This course will be beneficial for those interested in entrepreneurship, personnel management, employee well-being, sustainable management practices, leadership, intercultural communications, teamwork in multicultural groups, and those engaged in academic research.



Ensuring inclusive and equitable quality education and promoting lifelong learning opportunities for all.

## Karazin University is among the participants of the European Association for International Education (EAIE) conference and exhibition





From September 26 to 29, 2023, the 33rd annual conference and exhibition of the European Association for International Education (EAIE) took place in Rotterdam, Netherlands. This is the largest event in the field of internationalization of education in Europe. Every year, the EAIE conference and exhibition attract over 6,400 professionals from more than 90 countries worldwide.

Karazin University participated in the EAIE events for the second consecutive year and proudly represented the university community on the international stage. The Vice-Recto for Scientific and Pedagogical Work, Zarif Nazirov, and the Head of the International Relations Department, Natalia Oliynyk, took part in the conference and exhibition. This year, Ukrainian higher education institutions, together with the National Erasmus+ Office in Ukraine, the Ukrainian State Center for International Education of the Ministry of Education and Science of Ukraine, and the Professional Network of Education and Science Managers of Ukraine (PNRM UKRAINE), were represented at #EAIE2023 at the Ukrainian booth (C02), which attracted significant interest among other participants. The EAIE conference and exhibition provide a unique platform for learning, sharing knowledge, and exchanging experiences in the field of internationalization of higher education in Europe and beyond. It is a place for fruitful establishment of new inter-institutional connections, discussing plans for joint participation in educational and research programs, as well as an excellent format for exchanging practical experience regarding already implemented initiatives and innovations.



By actively taking part in EAIE, Karazin University contributes to advancing inclusive, equitable, and high-quality education and strengthens its role in global education networks—directly supporting the achievement of SDG 4.

# European Day of Controlled Thermonuclear Fusion for Teachers from FuseNet Association. Teacher Education, Us of Innovative Materials, and STEAM Development. Integration of innovative content into school and extracurricular education.

On October 6th, the FuseNet association organized the 4th European Day of Controlled Thermonuclear Fusion for teachers in an online format. The Ukrainian part of the event was organized by professors from the Education Research Institute "School of Physics and Technology" and the graduates of the institute with technical support from the National Contact Point Euroatom in Ukraine and the media studio of Karazin University. Over fifty teachers from all corners of Ukraine participated in the event. The introductory remarks to the participants were delivered by a Professor of the Education Research Institute "School of Physics and Technology," Corresponding Member of the National Academy of Sciences of Ukraine, Igor Hirka, and the Euroatom NCP Coordinator in Ukraine, Sergiy Pugach. Yevgeniya Babenko, a graduate of the institute in 2011, who currently works in the field of plasma as a source of light at the Advanced Research Center of Nanolithography in Amsterdam, the Netherlands, spoke about plasma as a light source. Yelizaveta Velyzhanina, who, after completing her studies at the institute in 2019, works in the Laboratory of Dynamics of Systems at the Free University of Brussels, Belgium, introduced teachers to her research in computational hydrodynamics in the context of designing thermonuclear reactors. Dmytro Rafalskyi, a graduate of the Education Research Institute "School of Physics and Technology" in 2007 and the Technical Director and Co-Founder of the aerospace company ThrustMe in France, gave a presentation on "Current Challenges in Plasma Application in the Aerospace Industry." The Ukrainian part of the event was concluded by Academician of the National Academy of Sciences of Ukraine, Deputy Director-General for Scientific Work of the National Scientific Center "Institute of Plasma Physics" of the National Academy of Sciences of Ukraine, Head of the Institute of Applied Physics and Plasma Physics at the Education Research Institute "School of Physics and Technology," Igor Harkusha. He delivered a presentation on the activities of the Ukrainian Research Unit of the EUROfusion project. In the overall European part of the event, teachers were introduced to the educational materials available on the FuseNet website and also conducted an online tour of the JET and ITER tokamak facilities.



Karazin University signed a Cooperation Agreement with the International European University Ensuring inclusive, equitable, and quality education and promoting lifelong learning opportunities for all.

On September 27th, the Rector of Karazin University, Tetyana Kaganovska, and the vice-rector for Research and Teaching, Zarit Nazirov, met with the President of the International European University, Alla Navolokina. During the meeting, representatives of the universities signed a cooperation agreement aimed at enhancing the level of scientific, methodological, educational, and professional interaction. The mutual plans include the exchange o experience in the use of modern teaching technologies, cooperation in the field of educational quality, organization of scientific and methodological and scientific research work, and the enhancement of the qualifications of the academic and pedagogical staff at the universities. The International European University is a multi-profile educational institution of the new generation, designed to prepare professionals in various fields of knowledge and practice, relying on the standards, regulations, experience, achievements, and traditions in education and scientific research in Europe.



## Attention to International Students! Adaptation Course for Successful Integration into the Educational Environment.





The Karazin Business School, in cooperation with European universities, is implementing the international project Erasmus+INTERADIS. This project aims to develop adaptation and integration programs for both international and Ukrainian students to adjust to the Ukrainian educational and cultural environment, making it more comfortable for them. To achieve this, a special adaptation course has been created in an online format on the Moodle platform. At the end of the course, the feedback from participants is highly appreciated. They can indicate what they liked/disliked and provide recommendations for further improvement. Upon successful completion of the course, the participants will receive certificates.



The Erasmus+ INTERADIS project at Karazin Business School supports SDG 4 (Quality Education) by promoting inclusive and equitable access to education through the development of adaptation and integration programs. By creating an online course for international and Ukrainian students, the project fosters a supportive learning environment, enhances cultural integration, and encourages lifelong learning — all key aspects of SDG 4.

## Preparing citizens for responsible risk management and conflict prevention. The Course "Society of Risk: Living, Studying, Managing"





This course has been developed as part of the Ukrainian-Swedish project "Risk and Crisis Management Education for a Safer Ukraine" (SAFE Ukraine), which is implemented by the School of Sociology at V.N. Karazin Kharkiv National University and the School The course is practice-oriented and aims to develop students' analytical skills in managing social risks in various life situations, including communication, labor relations, project management, organizational development, and daily life.of Sociology at the University of Central Sweden (Östersund). The course includes the following activities: Lectures and practical sessions (including joint sessions with Swedish students). Top-performing students who participate in the "Society of Risk: Living, Studying, Managing" course will have the opportunity to attend a winter school at the University of Central Sweden in January 2024. Participation in the development of a handbook for schoolchildren on risk recognition and prevention. Receipt of certificates of completion for this course. The course is taught in Ukrainian, but knowledge of English is required for participation in seminars with Swedish students. Proficiency in English at a high level is an important criterion for the competitive selection process for the winter school in Sweden.



Ensuring inclusive, equitable, and quality education and promoting lifelong learning opportunities.

Risk management training, intercultural cooperation, development of educational materials.

#### Working Meeting within the Project 'Gender Education for Foreign Students' (Supported by UNESCO)





A working meeting within the project "Gender Education for Foreign Students" under the auspices of the Ministry of Foreign Affairs of Ukraine took place at V.N. Karazin Kharkiv National University. The project is implemented by the NGO "La Strada - Ukraine" in collaboration with V.N. Karazin Kharkiv National University and the Government Commissioner for Gender Policy, Katerina Levchenko, with financial support from UNESCO. Its goal is to introduce gender approaches to the education of foreign students in Ukraine. The meeting was attended by the administration of Karazin University, led by Rector Tetiana Kaganovska, who welcomed the participants at the beginning of the event. During the meeting, Dean of the School of Sociology, Olena Muradian, presented the results of a sociological study on the presence of gender competencies conducted in the summer of 2023 among students from African countries and teachers at Karazin University who work with them. Participants discussed the research findings and planned further work within the project, which aims to spread knowledge about the importance of gender equality, especially in education, among all participants in the educational process. This includes the preparation of African students studying in Ukraine, using Karazin University as an example.



Development of educational programs with a gender component, including an online course and training sessions, contributes to ensuring inclusive and equitable quality education and promotes lifelong learning opportunities — in line with SDG 4 (Quality Education) and SDG 5 (Gender Equality)

#### Karazin University, in partnership with Max Planck Institute for Microstructure Physics won a Grant Competition to Establish a Scientific Laboratory in

1804



Kharkiv

Karazin University, in partnership with the Max Planck Institute for Microstructure Physics of the Max Planck Society in Halle, Germany, secured victory in the competition held by the German Federal Ministry of Education and Research (BMBF) to obtain a grant for establishing a Core of Excellence "(CoE) in Kharkiv. This CoE will serve as a scientific laboratory adhering to the highest global standards, and the project has been named PLASMA-SPIN-ENERGY. Within the framework of CoE, advanced plasma technologies developed by experts from Karazin University will be implemented in state-of-the-art nanoscale spintronic devices, a development led by German partners. The preparation of this project took over two years, with graduates of Karazin University, Andrii Stervoyedov and Oleksiy Biletsky (Education and Research Institute "School of Physics and Technology"), along with Kyrylo Dronov (School of Computer Science), being the initiators of the project at the Max Planck Institute for Microstructure Physics. The project also involved active participation of the leading research fellow of the Education and Research Institute "School of Physics and Technology," Stanislav Dudin, Professor Igor Hirka of the Education and Research Institute "School of Physics and Technology," and Professor Oleksiy Chechkin from the University of Potsdam in Germany. This project received support from the Kharkiv Regional Military Administration, the Kharkiv City Council, the National Academy of Sciences of Ukraine, the National Science Center "Kharkiv Institute of Physics and Technology," Joint-Stock Company "FED," and the Technological University of Queensland in Australia. The selection of projects for funding was highly competitive, with the collaboration between Halle and Kharkiv being among the 12 teams chosen after rigorous screening at the first stage, granting them the right to prepare a detailed plan for the establishment of the CoE. On October 16, 2023, four winners were announced, including two centers to be established in Lviv, one in Kyiv, and one in Kharkiv, based at Karazin University.



Development of the university's research potential.

The establishment of a world-class scientific laboratory at the university will contribute to the advancement of high-quality scientific education.

The Final Stage of the Project "Foreign Language Teacher Training Capacity Development as a Way to Multilingual Education and European Integration/MultiEd" An Educational Visit to Aston University

Raising standards for teacher training and implementing modern methodologies. Ensuring inclusive, equitable, and quality education and promoting lifelong learning opportunities for all.

From October 2 to 6, 2023, representatives of Karazin University, including the project manager and the Dean of the School of Foreign Languages, Svitlana Virotchenko, and a member of the working group, Acting Head of the School of English Philology and Foreign Language Teaching Methodology, Irina Morozova, participated in lectures and roundtable discussions related to modern methods of teacher training, multilingualism in higher education and beyond, and the challenges of artificial intelligence as a teaching tool. British colleagues also shared their experience in other projects, including "English Teachers for the Future of Europe."





#### Students from Karazin University Participated in a Summer School in Romania





From September 14 to 19, 2023, representatives of the Department of Physical Geography and Cartography at the Faculty of Geology, Geography, Recreation, and Tourism — Professor Vilina Peresadko, Associate Professors Nataliya Popovich and Kateryna Borisenko, and PhD student Yulia Serzhantova — participated in an in-person Summer School dedicated to the creation and use of virtual excursions in Earth sciences. The school took place in the town of Vatra Dornei, located in northeastern Romania, surrounded by the Carpathian Mountains. The organization of this Summer School, aimed at supporting Ukrainian geographical education, was made possible thanks to a grant from the Central European Initiative and the active involvement of the University of Suceava (Romania), particularly Dr. Marcel Mindrescu, who served as the project leader. A practical outcome of the participants' work was the collection of field materials to create virtual excursions around Vatra Dornei, for which they conducted a field trip toward Oaşu Peak. Along the route, the instructors stopped to take regular and 360-degree photographs, filmed videos of the most interesting objects and locations, and conducted soil field studies using the Munsell color system. Overall, all participants of the Summer School gained new theoretical knowledge and practical skills, and exchanged experiences related to conducting field practices and distance learning in geography.



Ensuring inclusive, equitable, and quality education, as well as lifelong learning opportunities for all.

Improving teachers' qualifications and utilizing the latest digital teaching methods.

## Karazin University Held a Graduation Ceremony for Educators under the Program "Providing Primary Medical Assistance to Education Recipients"

We are working to improve safety and health standards in

educational institutions.

For the first time, Karazin University held a graduation ceremony for educators and managerial staff of the municipal institution "Kharkiv Lyceum No. 28 of the Kharkiv City Council" who had acquired the relevant competencies within the educational program "Providing Primary Medical Assistance to Education Recipients" during September-October 2023. As part of the event, the director of the postgraduate education center, Mykhailo Tatarinov, congratulated the teaching staff of the lyceum on World Teachers' Day, wishing them good health, innovative activities, professional pragmatism, family happiness, and optimism in their work with general education recipients and their parents. Dean of the School of Medicine, Professor Tetiana Liadova, analyzed the results of the final survey for the program "Providing Primary Medical Assistance to Education Recipients" conducted by the participants. She noted the high level of theoretical material assimilation and its effective combination with practical components, allowing everyone present at the event to provide necessary quality primary medical assistance when needed. She expressed hope for further creative collaboration with the lyceum staff on various educational, methodical, and scientific matters. Furthermore, attendees received informational-methodical booklets from the dean regarding various educational events within the postgraduate education system. The director of the lyceum, Olga Liapunova, expressed sincere gratitude to the school of Karazin University for their high professional expertise in organizing and conducting classes with teachers in qualification enhancement courses according to the relevant educational program.



Professional development of educators, Implementation of a professional development program for teaching and administrative staff is an example of lifelong learning institutional cooperation, strengthening the resilience of schools.

### Karazin University Won the European Union Program Competition "Digital Europe"





Karazin University has achieved victory for the first time in the European Union competition "Digital Europe" and has joined the extensive project "European Inclusive Education for the Digital Society, Social Innovation, and Global Citizenship" — "EURopean Inclusive education for Digital society, social Innovation and global CitizEnship" (EURIDICE).

Among the project's goals are the development and implementation of a new joint interdisciplinary master's program "Digital Society, Social Innovation, and Global Citizenship" (120 ECTS credits); training sessions for the digital skills development of teachers, and much more. In addition to benefiting students and schools, the project will also involve professionals and business leaders.

In January 2024, an inaugural meeting for all consortium participants will take place, after which the first stage of project implementation will commence.

Various schools of the university will be involved in the project's implementation. The project's duration is 48 months.



The project is aimed at inclusive education, which is a key aspect of Goal 4. It involves various beneficiary groups — not only students but also educators and business representatives — thus ensuring equal opportunities for development.

The implementation of the joint program \*"Digital Society, Social Innovation, and Global Citizenship"\* promotes innovative educational content, the development of digital competencies, and the formation of responsible global citizenship.

## Projects of Kharkiv University Students are Among the Winners of the Competition for Scientific Research from the Ministry of Education and Science of Ukraine





Karazin's projects are among the winners of the research competition from the Ministry of Education and Science of Ukraine.

The difficult circumstances in which our country, Kharkiv, and the University are currently living encourage us to unite and mobilize our efforts, to work hard and persevere, to search for light even in the pitch darkness

For the Karazin community, science remains one of the sources of strength, shedding light on hope for the future, for the reconstruction of Ukraine after the trials of war. The victory in the competition of scientific projects supports and inspires our community during the constant shelling and pressure of the enemy.

- Enhancing the quality of higher education\*\*, as modern education is impossible without active scientific research;
- \*Developing an innovative educational environment\*\* that provides students with access to cutting-edge knowledge and technologies.

13 research projects at Kharkiv University and three projects by young scientists from the university have successfully passed the competitive selection for fundamental scientific research, applied scientific research, and scientific-technical (experimental) developments. According to the orders of the Ministry of Education and Science (No. 1572, No. 1569), the implementation of these projects will begin in 2024 with funding from the State Budget of Ukraine.

## Scientific-Practical Seminar for Educators of Educational Institutions in Saltivsky District of Kharkiv City





The scientific and practical seminar on the topic "Competency-Based Approach in Formative Assessment" contributes to:

The implementation of \*\*modern methods for assessing students' knowledge and skills\*\*, which is key to improving the quality of education;

The development of not only theoretical knowledge but also practical competencies in school students, essential for life and professional activities.



On January 4, 2024, a scientific and practical seminar on the topic "Competency-Based Approach in Formative Assessment" took place at the Ermilov Center of Karazin University. The seminar was organized within the framework of the memorandum of cooperation between V.N. Karazin Kharkiv National University and the Education Department of the Administration of Saltivsky District of Kharkiv City Council, as well as the cooperation agreement with the municipal institution "Kharkiv Lyceum No. 167 of Kharkiv City Council" with the university.

During the event, the main directions of educational, scientific, and didactic activities in 2024 at Karazin University were presented for educators and managerial staff of general secondary education institutions across various domains.

#### The New Year's events for children organized by the Students' Union of Karazin University organized





**Supporting the Development of Children and Youth in Challenging Conditions** 

- Organizing interactive events, exhibitions of children's artwork, and cultural activities in the safe space of the university provides children with opportunities for creative development, learning, and socialization even during wartime.
- Such support helps to preserve and nurture children's educational and cultural abilities, which is essential for their holistic development



On January 4–5, in the main building of the university, an exhibition of children's works titled "Creativity Despite War" was held. The exhibition featured over 60 works by children of university staff from 18 departments. All participants received treats.

In total, over 180 children of University Union members took part in the events.

https://karazin.ua/en/news/novorichni-zakhody-dlia-nbsp-ditei-vid-nbsp-pervynnoi-profsp/

### The Educational-scientific Cluster "Karazin University — for Students of 'MetroSchools' classes in Kharkiv" began its Operation





Starting from January 5, 2024, the Postgraduate Education Center, in collaboration with the schools and educational-scientific institutes of Karazin University, initiated the operation of the educational-scientific cluster "Karazin University — to students of the 'MetroSchools' educational institutions in Kharkiv."

According to the cooperation agreement with Karazin University, students from the 10th and 11th grades of the municipal institution "Kharkiv Lyceum No. 104 of the Kharkiv City Council" in the "MetroSchool" class conducted practical sessions. Phillip Kuznetsov, the Director of the Institute of Physics and Technology, discussed experiments that changed the world (the top 10 experiments according to the New York Times). Alexander Akulov, the acting head of the Institute of Mycology and Phytoimmunology at the School of Biology, introduced the students to the world of fungi.

Students participated in an experiment conducted by Associate Professor and Senior Lecturer of the Institute of Applied Physics and Plasma Physics at the Institute of Physics and Technology, Inna Afanasyeva, and Alexander Hapon, titled "The Magical World of Electromagnetism." They also took part in the experiment "The World of Animals under the Microscope," led by the engineer of the Institute of Animal Zoology at the School of Biology, Sergiy Sidorovsky.

As a conclusion to the activities, the director of the postgraduate education center, Mykhailo Tatarinov, conducted a reflective session with high school students. The students expressed gratitude and satisfaction for their participation in the cluster, emphasizing the importance of the acquired competencies for their further preparation for Natural and Mathematical Sciences (NMT) in the respective subjects.



The launch of an educational and scientific cluster by Karazin University contributes to the achievement of UN SDG 4, as it enhances the quality of education for school students, expands their opportunities in science, supports preparation for important exams, and helps develop modern competencies necessary for further learning and personal development.

## The Karazin Orchestra became the Winner of the Grand Prix of the All-Ukrainian Arts Competition "Christmas Miracle"







- The participation and victory of the student orchestra in a national arts competition contribute to the development of students' creative abilities, which is an important aspect of quality education.
- Engagement with the arts fosters cultural awareness, tolerance, and values, aligning with the objectives of SDG 4 related to education for sustainable development.



On December 18, 2023, the II All-Ukrainian Arts Competition "Christmas Miracle" took place.

The university's Karazin Orchestra, under the guidance of Tetiana Bohatyrova, won the Grand Prix in the "Instrumental Ensembles" category for their performance of Johannes Brahms' composition "Hungarian Dance No. 5."

## Student Mykita Duniashov is a Laureate of the Scholarship "Talent" from the Mayor of Kharkiv





Awarding scholarships to talented students of Karazin University supports the development of their talents and abilities, aligning with UN SDG 4 — the goal of ensuring quality, inclusive, and equitable education, while also promoting the holistic development of the individual.



The official award ceremony of the scholarship "Talent" from the Mayor of Kharkiv took place. During the event, at the request of the Kharkiv City Council leadership, corresponding certificates were presented to young athlete scholars. Among them was a student from the School of Law of Karazin University, Ukraine's master of sports in archery, Mykita Duniashov.

Deputy Chief of the Department of Physical Culture and Sports of the Kharkiv City Council, Pavlo Dumenko, congratulated the young athletes and their mentors on their achievements.

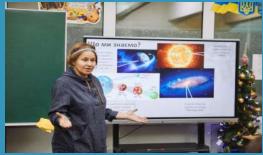
#### **Kharkiv University Continues to Engage Schoolchildren in Science**

Karazin University is one of the fundamental centers of intellectual property in Ukraine. The university successfully fulfills its educational, scientific, and enlightening mission, expanding the horizons of its activities and creating new opportunities for learning not only for students but also for schoolchildren.

The university's postgraduate education center, in collaboration with schools and educational-scientific institutes, continues the work of the educational-scientific cluster "Kharkiv University - for students of the 'MetroSchools' educational institutions in Kharkiv." As part of this initiative, university experts conducted sessions for students of grades 9-11 in municipal institutions such as "Kharkiv Lyceum No. 46 of the Kharkiv City Council" and "Kharkiv Lyceum No. 68 of the Kharkiv City Council" and others.

The educational and scientific cluster initiative improves students' access to quality education, enhances their academic preparation, and helps develop essential life skills, preparing them for a successful future.





The conclusion of the activities included a reflective session with high school students led by the director of the postgraduate education center, Mykhailo Tatarinov. The students expressed gratitude and satisfaction for participating in the cluster, highlighting the usefulness of the knowledge gained in preparing for the National Mathematical Tournament (NMT).



### The Implementation of the European Educational project EURIDICE

Kharkiv University, as part of a large consortium, has initiated the implementation of the European educational project "European Educational Scientific Technological Center Inclusive education for Digital society, social Innovation and global CitizEnship" (EURIDICE) within the EU program "Digital Europe."

At the founding meeting taking place on January 10-12 at the Free University of Amsterdam, partnered from 11 universities and 2 research organizations that are part of the consortium. The participants represented a geographical range including the Netherlands, Germany, Austria, Ukraine, Czech Republic, Slovakia, Ghana, and other countries. The purpose of the joint meeting was to develop a "roadmap" for achieving the project's goals and Key Performance Indicators (KPIs).

Representing Kharkiv University at the meeting are the university's Vice-Rector and Project leader Boris Samorodov, as well as Associate Professor at the Institute of International Electronic Commerce and Hotel-Restaurant Business of the School of International Economic Relations and Travel Business, and Project manager Olena Mykolenko.





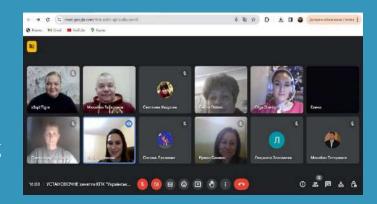


The EURIDICE project enhances the quality of education through innovation, inclusion, and international partnership, preparing students for the challenges of the modern digital world and developing their social and civic competencies.

## Professional Development Program for AgroGeneration Company Employees at Kharkiv University



The introduction of a certificate program in Ukrainian language for employees of the company AgroGeneration supports the development of adult skills and competencies in a professional environment. This aligns with the principle of lifelong learning and continuous professional development.



On January 11, 2024, Karazin University launched the educational process under the working certificate program "Ukrainian as a State Language in Professional Purposes" for various categories of AgroGeneration employees on the basis of the Center for Postgraduate Education.

At the inaugural lesson, Mykhailo Tatarinov, Director of the Center for Postgraduate Education, familiarized the participants with the peculiarities of the educational process during online classes and in a remote format on the Moodle platform, revealed the topics of the program and its variability for students.

During the entrance assessment, it was found that non-formal education students are highly motivated to take such courses in order to improve their previously acquired language and speech competencies for their practical use in the production process.

# Karazin University's Contribution to the German-Ukrainian Project: "Investigating the Possibility of Using Crystals to Extract Electrons with 6 GeV Energy at DESY"

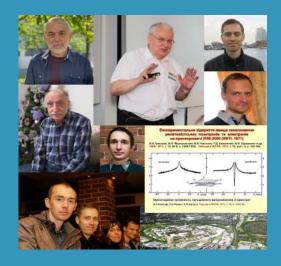




The German Research Foundation (Deutsche Forschungsgemeinschaft - DFG) has provided financial support for the joint German-Ukrainian project "Investigating the Possibility of Using Crystals to Extract Electrons with 6 GeV Energy at DESY" (2024–2025).

The project is based on the Grinenko-Shulga mechanism — a stochastic mechanism of deflecting charged particles with a bent crystal. German reviewers of the project particularly emphasize the originality of the proposed method.

Congratulations to the staff of the Education and Scientific Institute "School of Physics and Technology," project co-executors: Professors of the Institute of Nuclear and High-Energy Physics named after O. I. Akhiezer, Mykola Shulga, Ihor Kyryllin, Serhii Trofymenko, and Mykola Bondarenko, as well as Associate Professor of the Institute of Nuclear and High-Energy Physics named after O. I. Akhiezer, Maxim Malovitsa.



Financial support for the German-Ukrainian scientific project contributes to improving the quality of education at Karazin University by developing research capacity, fostering international cooperation, and integrating advanced research into the educational process — a direct contribution to achieving the UN Sustainable Development Goals.

### Meeting of the Representatives of Karazin University with German Partners

On January 13, 2024, a meeting took place between the university's Vice-rector Boris Samorodov and Associate professor of the Institute of International Electronic Commerce and Hotel and Restaurant Business at the School of International Economic Relations and Tourism, Olena Mykolenko, and European partners - Professor Ewald Mittelstadt from the University of Applied Sciences South Westphalia (Germany) and Professor Claudia Wipke from the Pedagogical University Karlsruhe (Germany).

The participants discussed the outcomes of implemented projects over the past few years, including the international project "Ukraine digital: ensuring academic success in times of crisis," the joint English-language seminar "Humane Entrepreneurship" for students from three partner universities, and other initiatives.

During the meeting, they outlined prospects for further collaboration, specifically focusing on the implementation of a new project supported by the German Academic Exchange Service (DAAD) and the development of a joint undergraduate education program.

The partners were thanked and honored as invited professors at Karazin University.







The planning of a joint bachelor's program with European partners creates opportunities for students to gain modern, competitive knowledge that meets international standards of educational quality. This initiative strengthens international cooperation, promotes the implementation of innovative educational programs, and supports students in challenging conditions—making a direct contribution to the achievement of UN Goal 4: ensuring inclusive and quality education for all.

### All-Ukrainian Young Physicists Tournament: Competition Results





This tournament promotes the development of students' abilities and improves the quality of education through scientific activities and support for talented youth, directly aligning with UN SDG 4 — ensuring inclusive, equitable, and quality education for all.



On January 12-15, 2024, the final stage of the XXX All-Ukrainian Tournament of Young Physicists was held remotely in Odesa at the Richelieu Scientific Lyceum.

The tournament was attended by 15 teams from eight regions of Ukraine, including 6 teams from Kharkiv region. The city of Kharkiv was represented by 4 teams.

After the qualifying games, two Kharkiv teams reached the finals: the Kharkiv team "Moment of Impulse" (consisting of students of the Kharkiv High School No. 161 "Impulse" and KhFNML No. 27) and the team of general secondary education institutions of the Kholodnogorsky district "Quark", as well as the team of the scientific lyceum "Giftedness" of the Kharkiv region.

Following the fierce final battles, the Moment of Impulse team won the tournament. The team leader is Zakhar Maiselis, Honored Teacher of Ukraine, Professor of the School of Physics at Karazin University. The second place was won by the team from Kholodnohirsk district, Quark. And two Kharkiv teams, "Isotopes" from the Slobidskyi district and "Electrum," shared the third place.

## "The Historical Role of Karazin University in the Consolidation of Ukraine": the First Lecture Within the Project "Unity Week





Lectures focused on Karazin University's role in Ukraine's consolidation and on historical figures promote a deeper understanding of national identity, history, and culture among students and the community. This is an important element of quality education that fosters civic awareness and patriotism.



On January 18, the Unity Week project was launched, as part of which everyone can attend offline lectures on the issues of Ukrainian unity and statehood.

Olha Vovk started the lecture week with the topic: "The Historical Role of Karazin University in the Consolidation of Ukraine". The lecturer described how representatives of Karazin University contributed to the consolidation of Ukrainian lands. In particular, she mentioned an interesting fact about the first lecture in Ukrainian in 1807 by the Dean of the School of Medicine Pavlo Shumlyansky.

In particular, Olha Vovk spoke about prominent figures such as Ivan Franko, Heinrich Semiradsky, Mykola Lysenko, Les Kurbas, Yuriy Shevelov, and their contribution to the consolidation of Ukraine.

The lecture also expressed gratitude to our colleagues (educators and scholars) from western Ukraine who have been lending a helping hand since the first days of the full-scale invasion. At the end of the lecture, there was a lively discussion about the dissident movement in the Kharkiv region and key figures of Karazin University.

# Vice-Rector Zarif Nazirov Participated in a Working Meeting with the Leaders of the "Horizon Europe Office in Ukraine" of the National Foundation for Research in Ukraine





The event helps Karazin University advance UN SDG 4 by promoting access to quality, innovative education through international research projects, strengthening the scientific component of education, and expanding opportunities for academic development.



On January 18, Vice-Rector Zarif Nazyrov held a working meeting with the heads of the Horizon Europe Office in Ukraine of the National Research Foundation of Ukraine.

At the meeting, they discussed problematic issues related to the EU Framework Program for Research and Innovation "Horizon Europe".

The Horizon Europe program offers promising opportunities for scientists and researchers, their innovative developments, and participation in international projects.r

Vice-rector Zarif Nazyrov invited representatives of the NRFU, including the Horizon Europe Office in Ukraine, to visit the university and hold an information and communication event for interested parties to participate in the Horizon Europe program. The Head of the Horizon Europe Office in Ukraine, Ihor Taranov, spoke in detail about the Horizon Europe program and offered to join future information events held by the office for representatives of Ukrainian higher education institutions.

### The Ukrainian Scientific Online Conference "Borys Hrinchenko: Known and Unknown."

On January 19, Karazin University hosted the All-Ukrainian Scientific Online Conference "Borys Hrinchenko: Known and Unknown" dedicated to the 160th anniversary of the outstanding figure's birth.

The conference was organized by:

Department of Ukrainian Studies of the School of Philosophy;

Department of History of Ukrainian Literature of the School of Philology;

Department of Ukrainian Studies named after D.I. Bahaliy of the Academician P.T. Troinko Center for Local History of V.N. Karazin Kharkiv National University. The conference participants were welcomed by the Vice-Rector of the University Oleksandr Holovko, Dean of the School of Philology Yevheniia Chekareva, Deputy Director of the Academician P. T. Troinko Center for Ukrainian Studies and Local History Olha Vovk, and Dean of the School of Philosophy Ivan Karpenko.

The breakout sessions were attended by representatives of higher education institutions, cultural and educational institutions, and organizations not only from Kharkiv region, but also from many cities of Ukraine: Kyiv, Lviv, Dnipro, Khmelnytskyi, Sumy, Kamianets-Podilskyi, Chernivtsi, etc.





The conference strengthens quality education by advancing scientific research, preserving cultural heritage, supporting interregional academic collaboration, and fostering national identity.

#### Digital Literacy Training for University Staff







3The event supports the achievement of UN SDG 4 by enhancing digital competence and developing modern skills among educators and staff, thereby ensuring access to quality education and digital services.



On January 18, a training session on digital literacy for university administrative staff was dedicated to working with smartphones and the "Diia" application. Participants received smartphones and starter kits from the university's partners, followed by training on smartphone usage. Special attention was given to essential applications for smartphone functionality, the features of "Diia.Sign," and digital literacy and hygiene in the information space.

On January 19, a digital literacy training session was held for academic and teaching staff, as well as support personnel at Kharkiv University. The session included a brief presentation on registering process in the "Diia" application, using the "Diia" application on smartphones, and utilizing the "Diia" portal for accessing popular services.

## Professor Igor Hirka Participated in the General Assembly Meeting of the European EURIZON Scientific Committee

Involving Ukrainian researchers in European scientific networks stimulates knowledge exchange, integration of educational standards, and expands opportunities for acquiring new competencies. The event supports the achievement of the UN Goals by promoting quality education, scientific research, professional development of educators and researchers, and

strengthening international cooperation in the field of education.



On January 18-19, the final meeting of the General Assembly of the Scientific Committee of the European program EURIZON was held in Prague.

Professor Ihor Hirka of the School of Physics and Technology took part in the meeting as a member of the WP10 - Long Term Sustainability of RIs working package.

In particular, the meeting announced that the European Commission has approved a threefold increase (up to 4.5 million euros) in funding for the Remote Research Grant for Ukrainian Researchers program. The supervisors of the first 18 winning projects have been informed of the conditions for starting work. The second group of about 20 winners is expected to be determined by the end of January, and the third (the same number) by the end of February 2024.

Although the EURIZON program has been closed, the funding for the Remote Research Grant for Ukrainian Researchers program has been extended until the end of April 2025.

#### Karazin University Took Part in the All-Ukrainian Scientific Conference "Ukrainian Heart of Odessa: Mykhailo Komarov (Komar) – Public Figure, Enlightener, Bibliographer





Supporting educational initiatives—events of this nature raise the overall educational level of society, spreading important ideas about education and self-development.

The event ensures access to quality education, preserves cultural and scientific heritage, and fosters the intellectual growth of citizens.



January 23, 2024 marked the 180th anniversary of the birth of Mykhailo Komarov (1844-1913), a public figure, bibliographer, folklorist, lexicographer, publisher, literary and theatrical figure.

On the occasion of the anniversary of Mykhailo Komarov's birth, the Hrushevsky Odesa Regional Universal Scientific Library hosted the All-Ukrainian Scientific Conference "Ukrainian Heart of Odesa: Mykhailo Komarov (Komar) - Public Figure, Enlightener, Bibliographer". It was attended by representatives from Odesa, Kyiv, Lviv, and a number of towns and villages in Volyn, Dnipro, and Cherkasy regions.

#### The Problem of the Colonial Status of Ukrainian Lands within the russian empire in the 'Long 19th Century': Second Lecture within the 'Week of Unity' Project







Spreading knowledge and critical thinking — a historian's lecture on the colonial status of Ukrainian lands in the 19th century promotes a deeper understanding of historical processes, development of critical analysis, and awareness among students and the public.

Ensuring access to quality education in history — hosting open lectures within the "Week of Unity" project raises educational standards and supports knowledge integration, which is vital for fostering conscious citizenship.

Supporting cultural identity and national awareness — revealing the historical specifics of Ukrainian lands helps shape a sense of identity, an essential component of quality education.

Typical or atypical colony, semi-colony, or "non-colony"? What status did Ukrainian lands have in the 19th century?

This question was addressed by historian and associate professor at the Institute of Ukrainian History at the School of History of Karazin University, Denis Zhuravlyov, during the lecture "The Problem of the Colonial Status of Ukrainian Lands within the russian empire in the 'Long 19th Century'".

Denis Zhuravlyov became the second lecturer within the "Week of Unity" project. During the lecture, participants learned about the formation of colonies, the economic, social, and foreign policy goals of colonies for the metropolises. The lecturer provided numerous examples of the colonial policies of countries worldwide and the situation of colonies in this context.

### "The Kharkiv Frontier": Third Lecture within the "Week of Unity" Project





Spreading knowledge about the history and culture of the region fosters a deep understanding of both local and national contexts, which is essential for quality education.

The lecture opens new horizons of knowledge, develops critical thinking, and cultivates historical awareness among the audience — key components of modern education.

It promotes inclusivity, as the event is accessible to everyone interested, supporting the idea of equal access to knowledge.

It also nurtures respect for cultural heritage and the values of freedom, which are integral parts of holistic education aimed not only at academic knowledge but also at raising conscious citizens.



On January 23, as part of the "Week of Unity" project, a lecture by Maxim Rosenfeld titled "The Kharkiv Frontier" took place. During the lecture, participants gained new insights into the history of Kharkiv and the region, exploring the lives of people in the "free economic zone" and the significance of the lands of Slobozhanshchyna. The economic and personal freedom laid the foundation for the city's development in its early years.

Maxim Rosenfeld poetically refers to Kharkiv as the "fortress of freedom," emphasizing that freedom became the first frontier of Kharkiv.

#### The University Celebrates UN International Day of Education





The university supports education, preserves, and develops Ukraine's intellectual potential, aligning with the goal of ensuring equal access to quality education and promoting lifelong learning.



In 2018, the UN General Assembly proclaimed January 24 as International Education Day to celebrate its role in peace and development. The initiator of this day was Nigeria. It should be noted that education is a key factor in achieving all 17 Sustainable Development Goals, but the fourth goal, Quality Education, is in the spotlight.

Ukraine has not remembered peace for a long time. Education despite the war - words that have been engraved in the hearts of all Karazin students since the beginning of the full-scale invasion. Today, it is exactly 700 days since Karazin University and other higher education institutions have been working in the extremely difficult conditions of war for the sake of the future. And despite all this, the university continues to educate students, preserve and modernize the intellectual potential of Kharkiv region and Ukraine.

For 219 years, Karazin University has been providing everyone with the opportunity to acquire new knowledge. Since its inception, the University has more than 140,000 graduates. The names of Karazin University graduates are immortalized in geographical names, names of space objects, plants, minerals, laws and formulas. Their contribution to the development of Ukraine is indeed difficult to overestimate.

## "Interethnic Harmony in Ukraine: History of Formation and Preservation Tools": the Fourth Lecture Within the "Unity Week" Project





Conducting an educational lecture that enhances knowledge about interethnic harmony, the history of peacebuilding, and tools for maintaining peace and tolerance in Ukraine.

Spreading knowledge on social integration, mutual respect, and inclusivity, which are important components in developing civic competence and social responsibility — key skills for modern quality education.



On January 25, as part of the "Unity Week" project, the fourth lecture "Interethnic Harmony in Ukraine: History of Formation and Preservation Tools" was held by Associate Professor Anton Melyakov from the School of Law, National Security, and European Integration at the Education-Scientific Institute "Institute of Public Administration."

During the lecture, participants learned about the existence of the strategy of barrier-free access in Ukraine, the presence of social distance towards certain ethnic groups, and the results of the National Rejection Index. The lecturer provided a list of sources that would broaden participants' understanding of the topic of nationalities and interethnic harmony. These sources included the Razumkov Center, Kyiv International Institute of Sociology, the sociological group "Rating," literature from the Institute of Political and Ethnic Studies named after I.F. Kuras of the National Academy of Sciences of Ukraine.

#### "Unity of Ukraine: Myth or Reality?": the Fifth Lecture within the "Unity Week" Project





The lecture promotes the dissemination of knowledge about important historical and social concepts, such as the unity of Ukraine, fostering a deeper understanding of national identity and civic responsibility among the audience.

The interactive format engages participants in active learning, aligning with the principles of quality education — the development of critical thinking, dialogue, and participation.



On January 26, as part of the "Week of Unity" project, the final lecture on the topic "Unity of Ukraine: Myth or Reality?" took place. The lecture was delivered by ethnologist and associate professor of the Institute of Ukrainian Studies at the School of Philosophy, Natali Aksonova.

Participants were actively involved in the lecture as it was conducted in an interactive format. During the presentation, the lecturer explained why the concept of unity is so unique in the context of Ukrainian society, discussed the stages of national revival, and explored how the idea of unity contributed to the formation of the state at various times in history.

At the end of the lecture, Natali Aksonova put forward an intriguing thesis: "Unity is not only the right to be together but also the collective determination of our fate and the shaping of our future."

### Karazinites Took Part in the Winter School at the University of Central Sweden in Östersund



Student and faculty participation in the Winter School at Mid Sweden University provides access to quality international education and academic exchange, contributing to the enhancement of knowledge and competencies.

The joint SAFE Ukraine project promotes international academic collaboration, which is crucial for developing an innovative, inclusive, and equitable learning environment.



On January 16-26, students and teachers of the School of Sociology of Karazin University attended the Winter School at the University of Central Sweden in Östersund. The event was held as part of the SAFE Ukraine project. During the training, the delegation of sociologists discussed risks in modern life with Swedish partners. The students visited the risk laboratory established at the University of Central Sweden and presented new ideas for research using the laboratory. In addition, the program was full of various meetings: with school children, students and teachers, administration and journalists from the Swedish side.

Karazinites attended several lectures by Swedish students and took part in discussions. The SAFE Ukraine project is being implemented by the School of Sociology of V. N. Karazin Kharkiv National University and the School of Humanities and Social Sciences of the University of Central Sweden.

#### All-Ukrainian Student Physics Olympiad: Results of the Regional Stage





Hosting the regional stage of the All-Ukrainian Physics Olympiad supports the development of talented youth and maintains a high level of knowledge in the natural sciences.

The Olympiad motivates students to engage actively in learning and deepen their understanding of physics, which is a key aspect of quality and inclusive education.

The participation of a large number of students from various districts ensures equal access to educational opportunities for learners from diverse social and geographic backgrounds.



On January 26, 2024, the third (regional) stage of the All-Ukrainian Physics Olympiad for students in grades 8-11 of general educational institutions in the Kharkiv region took place online, hosted by the School of Physics and Technology at Karazin University.

About 160 participants from various districts of the Kharkiv region and the city of Kharkiv took part in the Olympiad, therefore showing a significant increase compared to the previous year.

The competition consisted of two rounds (theoretical and experimental). The top-performing students were invited to qualifying training sessions to form a team representing the Kharkiv region in the fourth stage of the All-Ukrainian Physics Olympiad.

### A Solemn Graduation Ceremony of Pupils within Karazin Weekends Legacy Project





Improving the quality of education: School students had the opportunity to experience being Kharkiv University students and participate in scientific and educational activities, which stimulates their interest in science, critical thinking, and further development. Education amid challenges: Organizing offline classes in safe spaces demonstrates support for continuous learning even in difficult socio-political circumstances, aligning with the concept of lifelong education.



On January 27, schoolchildren participating in Karazin Weekends Legacy graduated!

The students studied between two symbolic dates. The children entered the newly created faculties of Umlauf, Shadius, Shumus and Stoikselvand on November 17, the Day of Karazin University's foundation. And the graduation took place on January 27, the day before the university's opening day.

About 500 students of grades 8-11 in Kharkiv took part in the offline project. Each faculty and institute of Karazin University held offline classes every Saturday and opened the doors to the world of interesting science.

On January 27, the schoolchildren graduated from the shelter! Participants who attended more than half of the classes received a Karazin Weekends Legacy diploma, and after the ceremony, everyone could join the quiz and win unique prizes.

The graduation ceremony was opened by the academic student choir Ad Libitum. Rector of the University Tetiana Kahanovska delivered the opening speech:"It was an incredible 8 weeks of educational process! Today you receive your certificates and become part of the Karazin community. It is up to you to take the baton from the teachers, to glorify our university, our unbreakable city and heroic country!" It should be noted that the project was implemented as part of Karazin University's educational mission.

One of the main goals of Karazin Weekends Legacy is to allow schoolchildren to feel like real university students, to create opportunities for offline meetings in safe spaces, and to carry out career guidance activities.

We are confident that we will see the children at Karazin University more than once as students, teachers and researchers! Let us remember that children are our future, and they will write the history of Ukraine.

### Karazin University Students are Undergoing Practical Training at the Czech Technical University





Improving the quality of education: Kharkiv University students gain a unique opportunity to acquire practical skills in modern international laboratories, enhancing their professional training.

Equal access to quality education: The university's funding of the trip provides students access to advanced laboratory facilities that may be unavailable in Ukraine due to war or economic constraints.

Thus, this event supports the achievement of SDG 4 by ensuring inclusive, quality, and accessible higher education and fostering the development of students' professional competencies in an international context.



On January 29, 2024, 3-5 year students of the Education and Research Institute "School of Physics and Technology" started laboratory classes at the School of Nuclear Science and Physical Engineering of the Czech Technical University (FNSPE CTU) in Prague.

The students acquire practical skills in plasma physics and controlled nuclear fusion on the GOLEM tokamak and PLASMALAB laboratory complex.GOLEM is a small circular tokamak. Its large radius is 0.4 m and its small radius is 0.085 m. It is mainly used to improve students' experimental competencies.

The Czech Technical University has also built a modern laboratory PlasmaLab@CTU for students and researchers worth more than 23 million Czech crowns, which is where Karazin students are now practicing.

Karazin University fully funded the students' stay in Prague as part of the EuroFusion project.

### Celebrations of the 219th Anniversary of Karazin University

Karazin University is one of the oldest and most influential higher education institutions in Ukraine, providing quality education, fostering innovation, and developing scientific potential for over two centuries. This aligns with SDG 4, which emphasizes the importance of access to quality education. The university continues to operate and grow even during wartime, ensuring continuity of education, preserving intellectual potential, and enabling students to learn. This supports the global goal of ensuring quality education even in crisis situations.



Karazin University hosted celebrations on the occasion of the 219th anniversary of the opening of the university, which first opened its doors on January 29, 1805. The university administration, Kharkiv and regional authorities, representatives of the faculty, students, friends of the university and honored guests gathered to congratulate Karazin University on its birthday.

With a minute of silence, the attendees honored the memory of Karazin University students who gave their lives for the freedom and independence of Ukraine.

"Karazin University is a modern high-quality education based on long-standing traditions and internationally recognized all over the world. The University has always been a center of national ideas. It was here in 1906 that the first lecture was given in Ukrainian. This is the university whose students used the slogan "Glory to Ukraine!" at the beginning of the last century.

Oleh Syniehubov, Chief of the Kharkiv Regional Military Administration, praised Karazin University for its comprehensive development of vital programs in social-psychological rehabilitation, veteran spaces, and hubs.

Mayor of Kharkiv, Igor Terekhov, acknowledged the university's resilience over the 219 years, despite challenges, and expressed gratitude for its role as a significant brand in Kharkiv's development. He emphasized the importance of moving forward, thanks to the efforts of the Armed Forces defending the country.

Congratulations were also extended by Yevgeny Grytskov, advisor to the head of the Kharkiv Regional Council, Alexander Sidorenko, director of the Kharkiv Regional Center for Education Quality Assessment, and Anastasia Shapoval, representative of Kharkiv IT Cluster.

The Chairman of the Verkhovna Rada of Ukraine Ruslan Stefanchuk, President of the National Academy of Sciences of Ukraine, Chairman of the Supervisory Board of Karazin University and member of the Board of Trustees of Kharkiv Karazin University Foundation Anatolii Zahorodnii, President of the National Academy of Pedagogical Sciences of Ukraine and member of the Supervisory Board of the University Vasyl Kremen, writer and musician, Honorary Doctor of the University Serhiy Zhadan sent congratulatory letters and video greetings.

#### Solemn Meeting of the University Academic Council on the Occasion of the 219th Anniversary of the Founding of Karazin University



Supporting the academic community in challenging conditions—despite the difficulties caused by the war, the university continues to operate, supports faculty and students, and promotes scientific activity and the educational process. This ensures resilience and continuity of quality education.



On January 29, a solemn meeting of the Academic Council of the university took place at Karazin University, dedicated to the 219th anniversary of the opening of V.N. Karazin Kharkiv National University.

The solemn meeting was opened by the university's rector, Tetyana Kaganovska: "We really want to believe that we will celebrate the 220th anniversary in a peaceful Ukraine, and we will make every effort for this. I want to thank all of you. In fact, we cannot even imagine how many high-quality and powerful initiatives we have implemented this year. I am proud of our Karazin community! I know how difficult it is to go to work after night shelling, to do your job, inspire colleagues and students, stay strong yourself, and multiply the achievements of Karazin University. I am very glad that in this challenging time, we are working together!"

For the first time since the start of the full-scale war, a scientific report was presented at the university. The speaker was the Dean of the School of Physics, Ruslan Vovk, who talked about the life path of the outstanding theoretical physicist Mark Azbel. The Academic Council adopted a decision to establish the Mark Azbel Prize at the university, as well as to name auditorium 7-36 after Mark Yakovych Azbel.

## Scientists Received Rewards from the University Union of Employees Organization on the 219th Anniversary of Karazin University





Support for the professional development of teachers and researchers — payments and recognition for those who have received the academic titles of professor and associate professor help motivate teaching and research staff to improve their qualifications, which directly influences the quality of education.

Ensuring stability and supporting the educational community in difficult wartime conditions — the assistance provided by the trade union helps teachers continue the educational process and conduct research despite the challenges caused by aggression.

Improving the level of education through staff development — the growing number of highly qualified professionals at Karazin University contributes to the creation of a high-quality educational environment that meets the standards of UN Goal 4.



Despite the challenging wartime, the trade union committee cares for the faculty and researchers of the university, who, during the period of Russian armed aggression against Ukraine and under constant shelling of the city of Kharkiv, continue to uphold the image of Karazin University, prepare the next generation, and enhance their professional level.

On the occasion of the 219th anniversary of our alma mater, payments totaling 160,000 hryvnias have been made to 32 employees who received academic titles of professor (8 union members, employees of the Research Institute "School of Physics", School of Computer Science, School of International Economic Relations and Tourism Business; School of Geology, Geography, Recreation, and Tourism; School of Medicine, School of Economics, School of Foreign Languages) and the academic title of associate professor (24 union members, employees of the schools: Law, Biology, Medicine, Chemistry, Foreign Languages, Computer Science, International Economic Relations and Tourism Business; School of Geology, Geography, Recreation, and Tourism; Research Institutes "School of Physics" and "Karazin Business School") in 2023.

# Karazin University has Begun the Professional Development of Educators, Teachers, School directors, and Methodologists of the Center for Education Technologies





Professional development of educators — courses for caregivers, teachers, lecturers, and educational leaders promote continuous professional growth, enhancing the overall quality of teaching and education.

Inclusivity and accessibility of education — participation of attendees from various districts of Kharkiv region, as well as from other parts of Ukraine, including war-affected areas, helps broaden access to modern educational technologies and knowledge.



On January 29, 2024, Karazin University started the educational process at the advanced training courses for various categories of educators, teachers, lecturers, directors of education institutions of various types and forms of ownership, methodologists of the Center for Educational Technologies from seven districts of Kharkiv, five settlements, villages, city councils, three rural districts and three cities of regional subordination of Kharkiv region, a special educational institution and institutions of professional higher education of regional communal property, the city of Sievierodonetsk, Luhansk region and the city of Myrhorod, Poltava region.

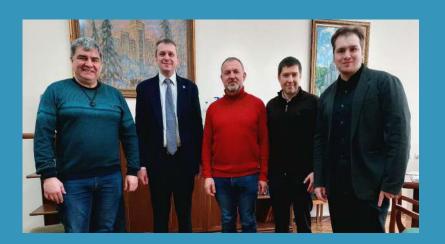
The educational process for various participant categories involves a seamless combination of lectures dedicated to contemporary scientific and pedagogical achievements, including those made by Karazin researchers, with practical sessions such as workshops, training sessions, situational task creation and resolution, exercises, and more.

At the beginning of the class, the participants paid tribute to the memory of Kharkiv and regional residents, including their colleagues who died since February 24, 2022.

#### Karazin University Expands Cooperation with NIX







Support for educational projects — financial assistance from a partner facilitates the implementation of various educational and social initiatives at the university, expanding access to quality education.

Thus, this event strengthens Karazin University's institutional capacity to provide inclusive, equitable, and modern education.

On January 30th, Victor Shalnev, the Director of NIX, visited Karazin University. The university was represented at the meeting by Vice-Rector Anton Panteleimonov, Acting Dean of the School of Computer Science Dmitry Uzlov, and the Chair of the Student Council, Mykyta Kucherov.

During the meeting, they discussed cooperation with NIX regarding joint educational projects, career guidance initiatives, and the development of education in the fields of cybersecurity and computer science. According to the memorandum signed between Karazin and NIX, specific goals were set to strengthen this collaboration.

The NIX team has been friends and partners of the university for several years. NIX provided financial assistance in the amount of 865,000 hryvnias for charitable projects of the Kharkiv Karazin University Foundation.

# Karazinites joined the organizational meeting within the DEFEP project 'Future Distance Education: Best EU Practices in Response to the Demands of Modern Higher Education Seekers and Labor Market Representatives







Development of distance education — Karazin University's participation in the international DEFEP project supports the implementation of EU best practices in the field of online learning. This contributes to providing quality, modern, and accessible higher education for students regardless of their place of residence.



On 28–30 January 2024, representatives of V. N. Karazin Kharkiv National University took part in the organisational meeting of the DEFEP project 'Distance Education for Future: best EU practices in response to the requests of modern higher education seekers and labour market', which took place at Lviv National Environmental University.

The meeting included the Second Coordination Meeting, meetings of the Coordinating Board, the Executive Committee, the Quality Committee and the Transparency and Communication Committee. The purpose of the meeting was to summarise the best practices and requests of distance education stakeholders in the EU and partner countries, and to substantiate the prospects for the development and implementation of its methodology.

#### Karazin University in the Webometrics Ranking

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Improving the quality and visibility of education: Karazin University's rise in the international Webometrics ranking reflects the growth of its scientific, educational, and informational activities, enhancing its global reputation and attractiveness to students and researchers.

Accessibility of information and transparency: The ranking considers the university's online presence, which promotes open access to quality educational resources, publications, and research, facilitating the learning process and academic collaboration.



The National Research Council of Spain has released the latest edition of the international university ranking, Webometrics Ranking of World's Universities, January 2024 (Edition 2024.1.0).

In total, the ranking evaluates the online presence of over 32,000 global higher education institutions. More than 200 Ukrainian universities are included in the ranking. Karazin University has moved up one place compared to the previous edition and now holds the 8th position among Ukrainian higher education institutions.

During the compilation of the ranking, developers assess the substantive and informational components of the educational institution's website, taking into account factors such as the number of indexed pages, external links, site citations, and the quantity of uploaded files.

#### Karazinites are Involved in Projects within the Technology section of the EUROfusion association







Support for quality higher education and scientific research: active participation of Karazin University students and faculty in international research projects and conferences demonstrates a high level of education, providing in-depth knowledge and practical skills.

Integration into the global educational and scientific space: involving students in international research and publications fosters the development of competencies, stimulates innovation, and enhances the competitiveness of graduates.

On February 5, a regular meeting of the Scientific Committee of the Technology Section of the EUROfusion Association was held, in which Ukraine is represented by Ihor Hirka, Professor of the School of Physics and Technology of Karazin University.

The participants heard progress reports on six projects currently being implemented within this section.

Among the results achieved under the project "Reconstruction of 4D and 5D fast-ion phase space distribution functions in tokamaks and stellarators", the project manager noted the achievements of Ivan Kuzmych, a 4th year student of the School of Physics and Technology. These results were included, in particular, in a report at the European Conference on Plasma Physics and Controlled Fusion, as well as in a corresponding article prepared by the project team. Ivan is included among the authors of these scientific papers, which is the basis for a strong defense of his Bachelor's degree.

#### Karazin University Has Opened an Internship Program in the field of 221 "Dentistry"





Training of socially important professionals: the education of dentists with competencies to provide high-quality medical care aligns with global education standards and contributes to improving public health.

Partnership and development: the establishment of training bases and cooperation with other institutions supports integration into the scientific and educational space, in line with the goals of sustainable development.



Symbolically, on International Dentist Day, we announce this important news. Karazin University has obtained a license for the training of postgraduate medical students for internship under the specialty 221 "Dentistry."

In 2023, the university gained the right to train students of the second (Master's) level of higher education under the specialty 221 "Dentistry." Karazin University has established a powerful practice base for future specialists and found like-minded partners for collaboration and the improvement of medical education quality.

This is a significant milestone for the university! Thanks to the efforts of Karazin's community and the support of friends and partners, after 100 years, we are once again preparing true professionals in the field of dentistry within our walls.

#### Karazin University Participated in Meetings within Erasmus+ KA2 project "Reforming Educational Programs to Promote Education for Peace in Ukraine, Georgia, and Moldova / PeaceEdu"





National meetings within the project help identify both national and institutional educational needs, particularly in the area of peace education, contributing to the development of relevant academic programs.

Engaging students and faculty through surveys increases awareness and fosters active involvement in shaping educational content — a key component of quality, needs-oriented education.



On January 29, February 2, and February 9, 2024, as part of the implementation of the Erasmus+ KA2 project "Reforming Educational Programs to Promote Education for Peace in Ukraine, Georgia, and Moldova / PeaceEdu," national meetings were held to discuss and analyze national and institutional needs and expectations regarding the project.

Ukrainian partners participating in the events included Karazin University, Taras Shevchenko National University of Kyiv, and the NGO "Public Diplomacy Platform." During the meetings, project teams prepared a series of questions for surveys of students and school teachers regarding their awareness and needs in promoting peace education.

Representing Karazin University were Associate Professor of the Department of Management and Administration, Project Manager Yulia Kvitka, project team members, Associate Professors of the Department of Management and Administration Yulia Prus and Olena Parkhomenko, as well as Associate Professor of the Department of Civil Law Viktor Savchenko.

The project at Karazin University is being implemented based on the School of Business at the Institute of Economics.

### Results of Collaboration Within the First Season of the "4EU+ for Ukraine" Project





**Development of modern competencies:** The participation of teachers, students, and staff in trainings, workshops, forums, summer schools, and online courses contributes to improving the quality of education and developing the skills necessary for the modern world.

**International academic partnership:** Cooperation with the University of Warsaw and educational institutions of other 4EU+ Alliance member countries strengthens the internationalization of education and promotes the exchange of knowledge and experience.



Throughout 2023, Karazin University, as one of the Ukrainian partners of the University of Warsaw, participated in the project "Solidarity with Ukraine — 4EU+ for Ukraine," funded by the Polish National Agency for Academic Exchange (NAWA). Within the project, teachers, students, and staff from Karazin University took part in various remote events throughout the year. They also attended events organized by the University of Warsaw and educational institutions of the 4EU+ Alliance member countries. These included training sessions, workshops, forums, summer schools, and online courses aimed at developing modern competencies for participants in the educational process. The final stage of the first season of the project culminated in a meeting at the University of Warsaw on December 18–19, 2023. During this meeting, the presentation of the e-publication "Open Science — Introductory Handbook" took place for library staff and academic personnel. Additionally, Polish partners presented modern gadgets as awards for the best students at Karazin University.

## Karazinites — Winners of the Work Competition at the All-Ukrainian Winter School on Quantum Computing QHack UA Bootcamp 2024





Inclusivity and accessibility: The hybrid format of the school allows students from various regions to participate, helping to ensure equal access to quality education.

Support for talent and international collaboration: Participation in the global QHack hackathon provides students with opportunities for international experience exchange, which is an important aspect of developing global competencies.



From January 16 to February 4, 2024, the All-Ukrainian Winter School on Quantum Computing, QHack UA Bootcamp 2024, took place for students and professionals in the field of quantum computing. The training occurred in a hybrid format at the Ukrainian Catholic University.

A team consisting of two students from the Institute of Physics and Technology, Ilya Lukin and Mykola Luhanko, and a graduate of the School of Physics, Oleksandr Borysenko, secured the first place in the competition during this school. The theme of their project was the "Variational Quantum Eigensolver (VQE) algorithm for financial portfolio analysis."

Currently, this team is participating in the global hackathon QHack (February 8–22, 2024) under the name "Kharkiv team." Congratulations to the winners and best wishes for continued success!

#### Karazin University Has Launched Sibillini-Europa Virtual School 2024 (Ukraine edition)





Improving the quality of education through international partnership:

The invitation of a leading European expert and the delivery of an online course on a current topic in EU constitutional law enhances the academic level of education, broadens students' perspectives, and promotes the integration of Ukrainian education into the European educational space.

Development of competencies relevant to the modern world: The course prepares students to understand and analyze legal processes that are highly significant for Ukraine's European integration, aligning with Goal 4 on developing the knowledge and skills necessary for sustainable development and active citizenship.



Professor of Constitutional Law at the University of Genoa, researcher, and co-leader of the legal reform project at the Institute of Advanced Legal Studies (IALS) of the University of London, Enrico Albanesi, visited Karazin University. A renowned expert in constitutional law and constitutional justice, he initiated an online lecture series for students of the School of Law on the impact of EU law on national constitutional law.

Within the course, leading specialists from the University of Genoa, the University of Teramo, and the European Commission deliver lectures. The online course also involves collaboration between Italian and Ukrainian students in discussing issues related to Ukraine's accession to the EU during lectures and seminars.

# Karazin University Participated in the Symposium "Sustainable Development - Current State and Prospects" and the Training Program "European Experience in Strategic Planning for Territorial Development Considering Ecosystem Services for Post-War Reconstruction of Ukraine"





Maryna Hryhorieva, Head of the Global Development Department at Karazin University, participated in the IV International Scientific Symposium "Sustainable Development - Current State and Prospects" and underwent training as part of the international winter school program "European Experience in Strategic Planning for Territorial Development Considering Ecosystem Services for Post-War Reconstruction of Ukraine."

The events took place from February 13 to 16, 2024, in Slavske village (Lviv region). The organizers of the symposium and winter school were the National University "Lviv Polytechnic," the V. Chernovol Institute of Sustainable Development, and the NGO "Mission of Sustainable Development."

The topics covered in the events included ecological balance and sustainable land use, environmental safety, tourism, and hospitality management, environmental expertise of goods, civil security, and current issues of land use. Overall, around 250 researchers from Ukraine and Estonia participated in the symposium.



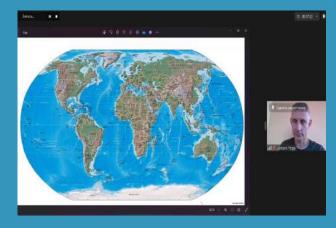
Support for sustainable development in Ukraine: The knowledge gained is directed toward the reconstruction of the country with consideration of ecosystem services, which contributes to social and economic sustainable development — an important aspect of education for sustainable development.

## Career Guidance Workshop by the Graduate of the School of Geology, Geography, Recreation, and Tourism, Valentin Sypavin



Inclusiveness and engagement of diverse audiences
The event brought together not only university students and lecturers
but also school students and teachers from both schools and
extracurricular institutions, increasing the accessibility and openness
of education.

Promotion of a healthy lifestyle and active citizenship Emphasizing the importance of physical activity and environmental awareness contributes to the formation of a well-rounded individual, which aligns with the global goal of education.



On February 14, 2024, a meeting with the graduate of the Institute of Physical Geography and Cartography, Valentin Sypavin, took place at the School of Geology, Geography, Recreation, and Tourism. A distinguished alpinist and ice climber, well-known in Ukraine and worldwide, shared his professional and personal experiences.

Valentin Sypavin has conquered iconic peaks around the world, including Elbrus, Kazbek, Mount Abu Ali ibn Sina, Damavand, Mont Blanc, Matterhorn, K2, Kilimanjaro, Aconcagua, Alpamayo, McKinley, and has been on the summit of Everest five times. He holds a Guinness World Record for kayaking at the highest altitude and led the first Ukrainian Antarctic expedition to ascend Vinson Massif in January 2022.

Over 200 people attended the meeting, including students, staff, school, and alumni of the School of Geology, Geography, Recreation, and Tourism. Guests also included representatives from other schools of Karazin University, as well as students and educators from secondary and extracurricular educational institutions.

## Karazin University is Conducting Professional Development for Teachers from Various Educational Institutions in Ukraine

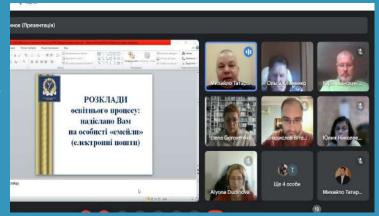




**Professional development of educators** 

Courses for teachers, lecturers, and school administrators help improve the professional skills of educators, directly enhancing the quality of education in the regions, including in de-occupied territories. Inclusiveness and equal access

Involving educators from various regions, including de-occupied settlements, supports the principle of equal access to quality education and contributes to the restoration of the educational infrastructure after the war.



Karazin University's Center for Postgraduate Education provides educational process according to working educational programs at the in-service training courses for teachers and lecturers of various academic disciplines, directors of educational institutions in Kharkiv region and Sievierodonetsk, Luhansk region. Individual participants of the advanced training represent educational institutions from three de-occupied village councils, one village council and one city council of the Kharkiv region.

The educational process involves highly qualified scientific and pedagogical staff and practitioners from the leading departments of the Schools of Biology, History, Physics, Chemistry, Foreign Languages, Karazin Banking Institute, the Department of Physical Education and Sports, and the Center for Ukrainian Studies and Local History of Karazin University.

During the training, students will take part in lectures on topical issues of the development of the fundamentals of science, implementation of model programs in grades 5-6 of the New Ukrainian School, and directly in various practical, laboratory and experimental

### The way to IT with Karazin University: the project has started





The project implements UN Sustainable Development Goal 4, promoting the dissemination of innovative, practice-oriented, and accessible education for young people who aspire to develop in the IT field.



The Way to IT with Karazin University is a project founded by university specialists and IT companies. The goal of the project is to disseminate new knowledge and experience to pre-university education students who want to work in the field of information technology.

The first classes in a mixed format took place on February 10. Experts gave lectures on the following topics

Bitcoin payment system: what it is and how it works;

History of the Internet.

Another lecture was titled "Career Opportunities at ERAM for Students". It was delivered by Oleksandr Lutsyk, Head of the EPAM Kharkiv Office.

#### All-Ukrainian Philosophical, Historical, and Local Lore Conference of Student Youth 'Know Yourself, Your Kin, Your People'"







Development of scientific and cultural awareness among young people: The All-Ukrainian Student Conference promotes the formation of deep knowledge about history, philosophy, native culture, and patriotism, aligning with the principles of comprehensive and high-quality education.

Support for talented youth and scientific activity: The event provides an opportunity for student youth to present their research, develop critical thinking, research skills, and public speaking—key competencies of modern education.

On February 22, 2024, the traditional XVII All-Ukrainian Philosophical, Historical, and Local Lore Conference of Student Youth "Know Yourself, Your Kin, Your People" started its work at V. N. Karazin Kharkiv National University in a mixed format. The organizers of the conference are:

- Ministry of Education and Science of Ukraine;
- Ukrainian State Center for National-Patriotic Education, Local Lore, and Tourism of Student Youth;
- Department of Science and Education of the Kharkiv Regional Military Administration;
- V. N. Karazin Kharkiv National University;
- National Literary and Memorial Museum of H. S. Skovoroda;
- Municipal institution "Kharkiv Regional Station of Young Tourists" of the Kharkiv Regional Council.

### Seminar on "Grant Opportunities for Scientific y V Collaboration" was Held at Karazin University



The event contributes to the achievement of the UN Sustainable Development Goals by supporting researchers, raising awareness of scientific opportunities, and promoting the development of higher education and international cooperation in science.



Continuing to advance Ukrainian science and education! A seminar on "Grant Opportunities for Scientific Collaboration" was held at Karazin University in a blended format with the support of the National Research Foundation of Ukraine and thanks to the efforts of the university's Vice-Rectors Zarif Nazirov and Anton Panteleimonov.

More than 120 participants took part in the event. The opening remarks to the attendees were delivered by Boris Samorodov, the vice-rector of Karazin University, who expressed gratitude to everyone contributing to scientific work and supporting a high level of research activity in Ukraine. Currently, Karazin University is actively implementing 8 research projects that have become winners of the competition organized by the National Research Foundation of Ukraine.

Participants of the seminar received updated information on grant opportunities for researchers, the application process for obtaining grants, preparation for competitions, international scientific cooperation, and more. The event took the form of a productive discussion, where all interested individuals could ask questions.

#### Karazin Scientific Journal "Biophysical Herald" has been Included in the List of Scientific Professional Editions of Ukraine in the Category "A"





The inclusion of the Biophysical Bulletin journal in Category "A" is a recognition of its high scientific standards, providing a quality platform for publishing dissertation research results. This supports academic integrity and contributes to the development of science in Ukraine.

The journal enables scientists, postgraduate students, and higher education applicants to publish their own research, fostering the development of academic writing, analytical, and critical thinking skills — key components of quality education.

Indexation in Scopus increases the international visibility of Ukrainian science. It opens new opportunities for collaboration with international researchers and enhances the global mobility of Ukrainian educators and scientists.



By the Order of the Ministry of Education and Science of Ukraine "On the approval of decisions of the attestation board of the Ministry" No. 220 dated February 21, 2024, the scientific professional journal "Biophysical Herald" of V.N. Karazin Kharkiv National University has been included in the list of scientific printed periodicals assigned the category "A."

The "A" category includes scientific periodicals of Ukraine that have been indexed in the Scopus and/or Web of Science Core Collection databases. "Biophysical Herald" is indexed in Scopus.

The editorial boards of university periodicals invite Karazin scholars, the scientific community of Ukraine, and the world to collaborate. All information is published on the website "Scientific Periodicals of Karazin University."

The journal may publish articles and results of dissertation research for obtaining scientific degrees of Doctor of Sciences, Candidate of Sciences, and the degree of Doctor of Philosophy in three fields of science: Biological Sciences, Physical and Mathematical Sciences, and Technical Sciences in the specialties: 091 "Biology," 104 "Physics and Astronomy," 105 "Applied Physics and Nanomaterials," 163 "Biomedical Engineering" (according to the Procedure for the formation of the List of scientific professional editions of Ukraine).

## The Online Lecture by Pavlo Yeremeyev, titled "Crimea as a 'Lieu de Mémoire': between Science and Propaganda," Took Place.





Critical Reflection on History and Propaganda

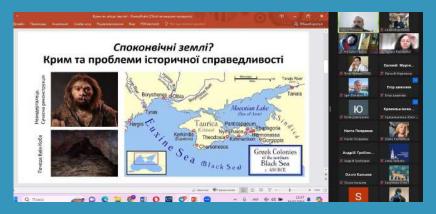
The lecture aims to debunk the myths created by Russian propaganda surrounding Crimea. It contributes to the development of critical thinking among students and the broader public — a key component of quality education.

**Promoting an Academic Approach to Complex Topics** 

By examining historical myths and their impact on contemporary politics, the lecture teaches respect for the scientific approach to history rather than its use as a tool of manipulation.

**Civic Awareness and Historical Memory** 

The educational event helps foster a conscious attitude toward the history of Ukraine, its territorial integrity, and its cultural heritage.



A gift to the 300th anniversary of the Pereyaslav Rada? Or what myths about Crimea are promoted by russian propaganda.

These questions were answered by Pavlo Yeremeyev, Associate Professor of the Department of Eastern European History at the School of History, in an open online lecture titled "Crimea as a 'lieu de mémoire': Between Science and Propaganda."

The lecturer analyzed the concept of Crimea as the ancestral land of russia, which is currently being actively used by russians. However, in reality, the mythical context of the ancestral lands cannot be taken into account when revising borders. Therefore, a new myth is being actively spread - the idea of Crimea as the sacred place of baptism of russian Prince Volodymyr. Later, Crimea was presented in the context of the "Uvariv Triad," according to which russian statehood should be based on Orthodoxy, autocracy, and nationality. And Crimea, annexed to the russian Empire in 1783, began to be perceived in these religious and national narratives, which were firmly rooted in the minds of the population by the end of the imperial period. It is interesting that right now, modern russian propaganda is reviving this myth, built on archaic thinking.

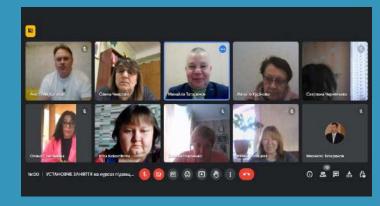
### Karazin University has started training teachers from different educational institutions of Kharkiv region





The organization of professional development courses for educators at Karazin University is a vivid example of implementing UN Sustainable Development Goal 4, as it:

- enhances the quality of education through the improvement of teaching competencies;
- ensures inclusivity and equality in access to professional growth;
- supports the sustainable development of Ukraine's educational system even under wartime conditions.



On February 29, 2024, Karazin University began training teachers of basic and complete general secondary education institutions, vocational schools of four districts of Kharkiv, two cities of regional significance, and one of the inclusive resource centers. Among the participants of the training are representatives from the de-occupied territories of Kharkiv region.

During the first lesson, conducted by Mykhailo Tatarinov, Director of the Center for Postgraduate Education, the participants paid tribute to those who died as a result of the Russian-Ukrainian war. The participants were instructed on life safety in martial law, familiarized with the specification of the educational process in accordance with the schedules of diversified work educational programs, and were involved in the entrance evacuation.

The specifics of advanced training at Karazin University are:

an organic combination of interactive online lectures on topical issues of the achievements of the relevant sciences, the peculiarities of their application in the education of students of different grades of general secondary education institutions;

implementation of model programs in grades 5 and 6 of the New Ukrainian School;

scientific and methodological training of teachers to work in the 7th grade under the new model programs in the new academic year, with practical and seminar classes;

consultations to develop the basis for an individual educational trajectory of a teacher in the context of andragogical education.

The educational process will last until March 15, 2024.

## The Institute of Physics and Technology has Received Confirmation from the European Commission for the Implementation of the Project "EU-UA Nuclear Research and Education Capacity Building" (NURECAB)



The NURECAB project strengthens the quality of higher education in the nuclear field by providing Ukrainian students and researchers with access to modern European educational and scientific infrastructure.

Thanks to the project, Ukrainian students and researchers will gain up-to-date knowledge and practical skills in nuclear research, enhancing their competitiveness in the labor market.

The project includes the professional development of lecturers at the Faculty of Physics and Technology, the strengthening of their scientific ties with European partners, and access to the latest educational practices.

Cooperation between the EU and Ukraine in the field of nuclear education deepens the integration of Ukrainian science into the European educational space, aligning with the global Sustainable Development Goals.



The European Commission has confirmed the feasibility of implementing the project "EU-UA Nuclear Research and Education Capacity Building" (NURECAB) within the EURATOM WP 2023-2025 TOPIC IBA 3 program (Education, training, capacity building, and networking actions to strengthen Ukrainian and EU nuclear research).

Congratulations to the team of instructors from the Institute of Physics and Technology, who worked on the proposal, including Pylyp Kuznetsov, Bohdan Mazilin, Inna Afanasyeva, and Maxym Malovytsa. Wishing successful project execution!

#### Kharkiv National University Graduate Ksenia Minakova Made History by Representing Ukraine for the First Time at the World Summit on "Advancing Science, Creating Technologies for a Better World" in Singapore

SUSTATINABLE DEVELOPMENT G. ALS

The event and activities of Kseniia Minakova are a vivid example of the successful implementation of UN Goal 4, as they promote: high-quality education and scientific development, the expansion of international cooperation in science, support for young scientists and women in STEM, and the formation of a global vision of sustainable development through education and science. This demonstrates how Ukrainian education and science are integrating into the global educational space and contributing to the achievement of the global Sustainable Development Goals.



Researcher from Kharkiv, Ksenia Minakova, represented Ukraine at the World Summit "Advancing Science, Creating Technologies for a Better World" in Singapore.

From January 8 to 12, she participated in the Global Young Scientists Summit (GYSS) 2024, a world-class summit for young scientists, where she represented Ukraine for the first time in its history. This forum is one of the most prestigious events in the field of science, with over 350 young researchers and leading scientists from 38 countries participating. Among the distinguished guests were Nobel laureates, Fields medalists, and winners of the Millennium Technology Prize.

Ksenia Minakova is an alumna of the Institute of Theoretical Nuclear Physics at the Institute of Physics and Technology, having graduated in 2011. Currently, she is an Associate professor at the Department of Physics at Kharkiv Polytechnic Institute and holds a Ph.D. in Physics and Mathematics. Ksenia's scientific interests include theoretical calculations and modeling of thermophysical processes in solar cells. She is also actively involved in promoting, educating, and developing women and youth in STEM education.

During the summit, Ksenia conducted a lecture session where she presented the results of her research on nanostructures, which received high praise from her colleagues at the Institute of Functional Intelligent Materials at the National University of Singapore.

## Karazin Kharkiv National University Assisting at the General Assembly of the European Nuclear Education Network (ENEN)

The participation of Karazin University in the ENEN General Assembly and the initiative to establish a Nuclear Medicine Center are concrete steps toward:

- \* improving the quality and accessibility of nuclear education in Ukraine,
- \* developing the professional skills of young specialists,
- \* strengthening international cooperation,
- \* and integrating Ukraine into the European educational and scientific space.

Thus, this event directly contributes to the implementation of UN Goal 4 — Quality Education — and its key targets, supporting the sustainable development of education and science in Ukraine.



On March 1, 2024, the General Assembly of ENEN took place. V.N. Karazin Kharkiv National University, as a member of ENEN, presented the current state of affairs and an initiative regarding the establishment of Nuclear Medical Center in Kharkiv, based on the Education and Research Institute "School of Physics and Technology" and the National Science Center Kharkiv Institute of Physics and Technology.

Within the framework of the meeting, two Ukrainian representatives joined the European family of the ENEN network: the Science and Technology Center of Kharkiv Institute of Physics and Technology and the National Technical University of Ukraine "Kyiv Polytechnic Institute" (NTUU "KPI"). Prior preparatory work was carried out by the National Contact Point Euratom in Ukraine and ENEN.

ENEN is a European educational network in the field of fission, which not only connects European universities of nuclear education and nuclear centers but is also deeply integrated into Euratom projects and direct communication with representatives of the European Commission.

ENEN offers opportunities for students, postgraduates, young scientists, and engineers to gain valuable knowledge and skills, establish new contacts and international experience, and discuss potential projects.

Karazin University presented the results of its work within the framework of the Leaders of University Transformation for Ukraine's Reinvention (LUTUR) program

The presentation and outcomes of the LUTUR program at Karazin University support: improving the quality and innovativeness of education, developing leadership and partnerships in the scientific and educational sphere, promoting sustainable regional development through education, and enhancing international cooperation and integration.

This contributes to building an educational system capable of effectively responding to today's challenges and shaping the future of Ukraine.



On March 2, the presentation of the results of the program "Leaders of University Transformation for Ukraine's Reinvention" (LUTUR) took place.

University teams presented their projects, which are the result of their work within the program. Among the participating leading higher education institutions in Ukraine were:

Zaporizhzhia National University;

Taras Shevchenko National University of Kyiv;

Mariupol State University;

National Technical University "Dniprovska Polytechnika";

Lviv Polytechnic National University;

V. N. Karazin Kharkiv National University.

The project of Karazin University, "Impact of the University on Human Resource Development and Enhancement of the Region's Leadership Potential," aims to create a sustainable space for intellectual development in Kharkiv and shape the vision of Ukraine's future through close cooperation among representatives of science, education, culture, and business.

The pilot cycle of the program is implemented by the British Council in Ukraine in partnership with the Ministry of Education and Science of Ukraine, the Fund of the President of Ukraine for the Support of Education, Science, and Sports, and the Embassy of the United Kingdom in Ukraine, with the participation of leading British and Ukrainian experts. The British partner of the program is Cardiff University.

### **Karazinites - Laureates of the Global Quantum Hackathon QHack 2024**





The victory of the Karazin University team at QHack 2024 is a vivid example of the implementation of UN Goal 4 — Quality Education — through:

- \* the training of highly qualified specialists in STEM fields,
- \* the development of practical competencies and international cooperation,
- \* and the stimulation of innovative scientific activity.

This contributes to strengthening Ukraine's educational potential and its integration into the global scientific and technological space.



The team of Kharkiv students and physicists emerged as the laureates of the top honors at the globally renowned QHack 2024 quantum computing hackathon, held from February 8 to February 22.

More than 600 teams from over 90 countries participated in the event. The Kharkiv team included students from Karazin University:

Ilya Lukin, a Master's student at the Institute of Physics and Technology, employee at the Institute of Theoretical Physics named after M. M. Bogolyubov, and the Kharkiv Institute of Physics and Technology;

Mykola Luhanko, a Bachelor's student at the Institute of Physics and Technology;

Oleksandr Borysenko, a graduate of the School of Physics, employee at the Institute of Theoretical Physics named after M. M. Bogolyubov, and the Kharkiv Institute of Physics and Technology.

The Kharkiv\_team secured the first place in the "A Matter of Taste" category with their research project "Bridging the Gap is a Matter of Taste." The project focused on calculating spectral characteristics and determining phase transitions in the Ising model using quantum computing. Additionally, the team claimed the 4th place, thus making it into the top five winners of the open part of the hackathon.

We sincerely congratulate the winners, take immense pride in their achievements, and wish them continued success in their scientific endeavors!

### **International Masterclass on Particle Physics 2024**





Ensuring equal access to quality vocational and higher education

Enhancing qualifications and skills for employment and entrepreneurship

Participation in the workshop contributes to the development of analytical thinking, IT skills, and a basic understanding of Big Science.

#### **Education for sustainable development**

The lectures covered not only fundamental physics but also the impact of science on the development of society, technology, and the economy. Students learned about the role of Ukrainian scientists in international research, which fosters global thinking and an understanding of scientific diplomacy.



On March 1, 2024, the XX International Masterclass on Particle Physics took place at the Institute of Physics and Technology of Karazin University.

The event involved the participation of 38 high school students from the city of Kharkiv. The organizers were professors and students from the Institute of Physics and Technology.

Sergiy Lytovchenko, the head of the Institute of Reactor Building Materials and Physical Technologies, provided an informative lecture about Karazin University's contribution to the development of our city and Ukraine, as well as the current state of the institute.

Roman Ovsiannikov, a 6th-year student at the Institute of Physics and Technology, delivered a lecture on elementary particle physics, during which students learned about the current state of physics and the fundamental structure of the Universe. Additionally, 3rd-year students Irina Kapran and Veronika Batyanova, currently working at CERN, remotely joined the masterclass. Meanwhile, 4th-year student Fedir Shyrokopetlev shared insights into his work on data processing for the ALICE experiment, also conducted at CERN.

Following the introductory lectures, Ilya Demydenko familiarized participants with the CMS detector simulation. Later, the students directly processed real data, leading to the 'discovery' of the Higgs boson.

The event concluded with a Zoom conference with representatives from CERN and other participating cities, during which they discussed the obtained results. Students had the opportunity to pose questions to leading experts in the field of high-energy physics.

### Karazin University Commences Professional Ukrainian Language Courses





This educational initiative of Karazin University is an example of the implementation of UN Goal 4 — Quality Education — as it:

- \* supports continuous professional learning,
- \* promotes the development of language and communication competence,
- \* takes into account social and cultural context,
- \* and adapts to the conditions of martial law, ensuring the resilience of the educational system.



Starting from March 7, 2024, Karazin University, through the Center for Postgraduate Education, has commenced training participants in qualification enhancement courses under the certificate educational program 'Ukrainian Language as the State Language in Professional Orientation.'

The educational process involves the participation of academic staff from various departments, including:

Institute of International Economics and World Economy of the School of Economics;

Institutes of Propaedeutics of Internal Medicine and Physical Rehabilitation, Infectious Diseases, and Clinical Immunology of the School of Medicine; Arthur Holikov Institute of International Economic Relations and Travel Business of the School of International Economic Relations and Travel

#### Business;

Institute of Physical Education and Sports at Karazin University;

State Biotechnological University.

During the training, participants will explore the language's patterns that are used in different spheres of social life and directly in their professional activities. They will familiarize themselves with the peculiarities of literary language norms and basic communicative qualities of speech culture, as well as the stylistic resources of contemporary Ukrainian language. Course participants will upgrade their professional competencies in constructing stylistically refined texts and using melodious elements in Ukrainian language in their scientific, pedagogical, and methodological activities.

During the inaugural session, the director of the Center for Postgraduate Education, Mykhailo Tatarinov, conducted a briefing on safety measures during wartime conditions, introduced the schedule of the educational process, the specifics of conducting online sessions under the program, and the use of materials from the respective distance learning course. He also conducted an entrance evaluation, addressed participants' questions, and paid tribute to the memory of Ukrainians who lost their lives since February 24, 2022.

The educational process will continue until May 1, 2024.

### Mayor Igor Terekhov Meets with the University Community

This event demonstrates the support of education at the level of local authorities and recognizes the university's role as a key player in the reconstruction and future development of the city. It contributes to:

preserving the city's educational potential,

supporting educators,

encouraging open dialogue between authorities and the academic community, and strengthening the educational infrastructure in Kharkiv's strategic planning.





The Mayor of Kharkiv, Igor Terekhov, visited Karazin University. During the visit, he met with the Karazin community, including students, school, researchers, and university staff.

Igor Terekhov emphasized that according to the city's master plan developed by the Kharkiv City Council in collaboration with the foundation of British architect Norman Foster, the universities remain the foundation of Kharkiv. Therefore, it is crucial to preserve the city's unique educational and scientific potential.

During the meeting, members of the Karazin community had the opportunity to communicate with the mayor and ask questions. An award ceremony took place, during which the Acknowledgments of the Mayor of Kharkiv were presented to:

Associate Professor of the Institute of Cultural Theory and Philosophy of Science, School of Philosophy, Katerina Fisun;

Associate Professor of the Institute of English Philology and Methodology of Teaching Foreign Languages, School of Foreign Languages, Olha Kuznetsova;

Associate Professor of the Institute of Modeling Systems and Technologies, School of Computer Science, Mariya Rodinko;

Head of the Institute of Statistics, Accounting, and Audit, School of Economics, Oksana Nesterenko;

Associate Professor of the Institute of Zoology and Animal Ecology, School of Biology, Tetyana Atemasova;

Associate Professor of the Institute of Higher Mathematics, School of Physics, Maryna Revyakina;

Associate Professor of the Institute of the History of Ukraine, School of History, Denys Zhuravlyov;

Senior Lecturer of the Institute of Applied Chemistry, School of Chemistry, Viktor Tokarev;

Associate Professor of the Institute of Ukrainian Language, Faculty of Philology, Roman Tryfonov.

University Rector Tetyana Kahanovska, on behalf of the Karazin community, expressed gratitude to Igor Terekhov for the continuous dialogue, assistance, and support, as well as joint efforts to ensure the well-being of Kharkiv.

### On March 9th, V. N. Karazin Kharkiv National University opened its doors to interested applicants



• University representatives emphasized the role of education during wartime and the need to cultivate responsible, resilient, and professionally prepared citizens.

#### **Digitalization and Innovation in Education**

Hosting the event online via YouTube and Zoom demonstrates the use of modern digital tools in education, aligning with the principles of accessibility and modernization of the learning process.



On March 9th, V. N. Karazin Kharkiv National University opened its doors to interested applicant

The event took place in a hybrid format: offline at the premises of Karazin University and online on YouTube and Zoom platforms. Prospective students had the opportunity to explore the opportunities at Karazin University from anywhere in the world. Approximately 2000 applicants joined the event!

Rector Tetyana Kaganovska greeted the future students, emphasizing that Karazin is the heart of Kharkiv. As the oldest university in Eastern Ukraine, it confidently responds to the challenges of the time. According to Tetyana Kaganovska, during times of war, Karazin University does not remain indifferent to current events. New educational programs are introduced, such as physical rehabilitation, medical psychology, and the Academy of Teaching. Karazin understands that the country needs true professionals with innovative approaches. This is what will be taught at V.

N. Karazin Kharkiv National University.

Other representatives of the university also participated in the online broadcast:

Chairman of the Student Council Mykita Kucherov shared insights into student life during times of war and how Karazin students can engage in university communities.

Chairman of the Admissions Committee Serhii Yeltsov provided information on the admission process for 2024.

Representative of the International Relations Office Daria Rashchupkina spoke about academic mobility and opportunities for Karazin University students.

https://karazin.ua/en/news/u-nbsp-karazinskomu-universyteti-vidbuvsia-den-vidkrytykh-dv/

## Sofia Baletska has Won a Grant from the University of Michigan to Conduct Scientific Research under the ATLAS Project at the CERN Nuclear Research Center





From February 19 to May 25, 2024, Sofia Baletska, a third-year student at the School of Physics of Karazin University, is conducting scientific research under the ATLAS project at the CERN nuclear research center.

The research program includes testing the operation of new detectors that will be deployed on accelerators in the future to register elementary particles during the implementation of the ATLAS project.

This work is a continuation of the successful scientific work that Sofia carried out at the Petra III synchrotron radiation source at DESY (Germany) during the winter school at DESY in February-March 2023.

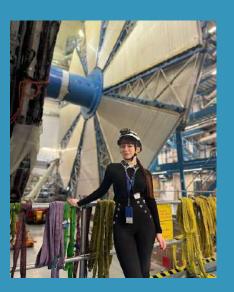
Congratulations to Sofia and best wishes for further scientific achievements!

**Ensuring Equal Access to Higher Education and Lifelong Learning** 

- Sofiia's participation in CERN research demonstrates Ukrainian students' access to the global scientific environment, reflecting the high quality of education provided by Karazin University.
- It also serves as an example of education that goes beyond the classroom, integrating into real research processes.

Education for Sustainable Development, Scientific Culture, and Global Partnership

- The student's involvement in an international project strengthens Ukraine's scientific integration into the global community, which is an essential component of sustainable development.
- At the same time, it promotes science among young people, fostering a new generation of researchers capable of meeting the challenges of the future.



### The Opening of the Exhibition "This Unique ClayWORLD"







This event supports UN Goal 4 — Quality Education— as it: fosters a value-based attitude toward cultural heritage, develops civic, cultural, and historical awareness, promotes the integration of traditional culture into the modern educational space, and supports inclusive, diverse, and accessible education within the university.

Thus, the exhibition is not merely a cultural event but an important educational tool that aligns with the modern understanding of high-quality, humanistically oriented education.

On March 12, the opening of the ethnographic overview exhibition "This Unique ClayWORLD: Ceramic Artifacts from the Collection of the Ethnography at the Center for Ukrainian Studies and Local Lore named after Academician P.T. Tronko at Karazin Kharkiv National University" took place in the University's Art Gallery named after Henrich Semyradsky.

Pottery traditionally held the greatest demand among the local occupations of Ukrainians. The assortment of ceramic products was quite rich, including household and decorative utensils, ornamental tiles, tiles, sculptures, and more. The exhibition focuses on household utensils and its most common varieties: pots, bowls, jugs, dishes, makitras and Easter pots, which can still be found in rural areas of the Sloboda region. The exposition is complemented by rushnyks (embroidered decorative and ritual towels made of linen from Slobozhanshchyna and some other regions of Ukraine).

During the opening event, the attendees were greeted by the Advisor to the Rector of Karazin University, Academician of the National Academy of Sciences of Ukraine, Vil Bakirov. He emphasized the important role of culture and art in public life and thanked the organizers for promoting Ukrainian folk decorative and applied art through exhibitions.

### Karazin University held a Workshop "Elementary Particle Therapy"





The workshop "Elementary Particle Therapy" at Karazin University: opens up science to young people;

develops practical skills and professional interest; raises awareness of the applications of physics in medicine; promotes sustainable development through the dissemination of knowledge;

integrates Ukraine into the international educational context.

Such an approach is key to preparing a new generation of scientists, doctors, and technologists who will shape the future.



For the first time in Ukraine, a workshop "Elementary Particle Therapy" was held for senior high school students at the Education and Research Institute "School of Physics and Technology" at Karazin University.

During the event, experts demonstrated the direct impact of fundamental research on medical applications. The high school students were introduced to the actual techniques used in cancer treatment, including the use of X-ray radiation, protons, or carbon ions as a physical knife controlled by software.

Using the professional research software tool matRad, participants were visually guided through various stages of cancer treatment planning. The workshop "Particle Therapy for Cancer" was part of the International Masterclasses in Particle Physics, a flagship project of the International Particle Physics Outreach Group (IPPOG), distributed worldwide.

Karazin University continues to open up the world of scientific research to youth and works on preserving and developing the scientific potential of our country!

#### Karazin University is the first among Ukrainian Higher Education Institutions in the HE Higher Education Ranking







Karazin University has entered the HE Higher Education Ranking, taking the second place in the overall ranking and the first place among 15 Ukrainian universities. In total, 303 higher education institutions from Bulgaria, Georgia, Moldova, Morocco, Germany, Romania, Saudi Arabia, Slovenia, Turkey, Hungary, and other countries were included in the ranking.

The ranking evaluates universities based on 25 criteria, including research work, internationalization, lifelong learning, academic freedom, sustainable development, social and cultural impact of the university, academic transparency, futuristic university concept, and more.

Karazin University's successful inclusion in the international HE Ranking: confirms the university's compliance with international standards of educational quality; strengthens the global competitiveness of Ukrainian higher education; stimulates academic development, innovation, and openness; directly supports the implementation of UN Goal 4 — Quality Education by improving the quality, accessibility, transparency, and social relevance of education.

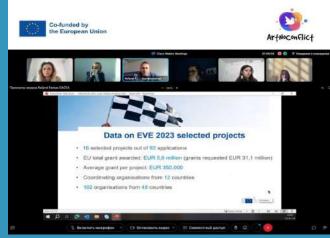
This is an example of a systematic approach to educational development that goes beyond the national level and gains global significance.

## The Karazin Team Presented the Project "Art of Negotiation and Conflict Resolution (Mediation) / ArtNoConflict."

SUSTAINABLE DEVELOPMENT G. ALS

Development of inclusive forms of international learning; acquisition of important professional and social skills; promotion of global citizenship and the formation of a culture of peace; expansion of international cooperation in the field of higher education.

This also strengthens Ukraine's educational reputation on the international stage amid the challenging conditions of wartime.



On March 14, 2024, a meeting of the winners of the Erasmus+ Virtual Exchanges-2023 projects with representatives of the European Executive Agency for Education and Culture (EACEA) took place.

During the meeting, each team presented their project, including its goals, objectives, consortium, and expected outcomes.

Representatives of the EACEA provided more detailed information on how to use the grant agreement, communication rules with the Agency, financial management, reporting, and amendments. A Q&A session also took place.

The "Art of Negotiation and Conflict Resolution (Mediation) / ArtNoConflict" project was presented by the financial coordinator of the project, Ivett Livius (Dutch Business Academy), and the project's co-coordinator, Yulia Kvitka (Karazin Business School).

#### Implementation of the New Educational Program "Craft Food Technologies in the Restaurant Business" within the specialty of 181 "Food Technologies" (Bachelor's level)

We are pleased to announce that in 2024, Kharkiv University has launched an innovative educational program titled "Craft Food Technologies in the Restaurant Business" within the specialty of Food Technologies (Bachelor's degree). The first enrollment will take place during the 2024 admissions campaign!

The foundation for the development of this important industry and business direction was laid by the university's founder, VWe are pleased to announce that in 2024, Kharkiv University has launched an innovative educational program titled "Craft Food Technologies in the Restaurant Business" within the specialty of Food Technologies (Bachelor's degree). The first enrollment will take place during the 2024 admissions campaign!

The foundation for the development of this important industry and business direction was laid by the university's founder, Vasyl Karazin, and has since evolved with new perspectives and insights. asyl Karazin, and has since evolved with new perspectives and insights.

Expanding access to modern educational programs; developing practical and managerial skills; integrating the principles of sustainable development; updating the content of education in response to contemporary challenges.

Thus, the university contributes to the training of a new generation of professionals who combine knowledge, innovation, and responsibility.







The program's advantages include: Orienting students towards entrepreneurship and business development.

Practical training in modern establishments in Ukraine and abroad

Participation in international projects on academic mobility. Developing skills for starting a business with any investment level for those who wish to develop at a modern pace, create, and utilize innovative technologies.

Join our team in developing food and restaurant business innovations for success!

### **«Karazin University — for MetroSchool, Kharkiv» the project continues**

Improving the quality of secondary education; bringing students closer to the academic environment; developing critical thinking, knowledge, and skills for a successful life; building a sustainable, partnership-based educational ecosystem.

This is an example of how a university can go beyond its own audience, spreading knowledge and creating educational value for society as a whole.





Educational events for schoolchildren are an important part of Karazin University's work. Our community continuously seeks new opportunities to share knowledge and experience with children. Thus, a new project for lyceums and gymnasiums in the city, "Karazin University - for MetroSchool," was launched in January 2024 by the Center of Post-Qualifying in collaboration with the schools and institutes of Karazin University.

On March 21, representatives of the Schools of History and Chemistry of Karazin University visited the municipal institution "Kharkiv Lyceum No. 104 of the Kharkiv City Council" as part of the project.

Within the framework of the humanitarian educational and scientific cluster, students got acquainted with the School of History of Karazin University. Candidate of Historical Sciences Anastasiia Khoftura delivered a lecture titled "The School of History of Karazin University as a Starting Platform for Qualitative Preparation for National University Admission and Higher Education." And a postgraduate of the Department of Eastern European History, Vladyslav Shchepachenko, presented the scientific-practical block "Archaeology and Its Role in Historical Understanding of the Past. Archaeology in Preparing Students for National University Admission. The Germano-Slavic World: From Antiquity to the Present."

Additionally, introductory remarks were made to the lyceum students by the director of the lyceum, Oksana Teslenko, and the director of the Post-Qualifying Center of Karazin University, Mykhailo Tatarynov. At the end of each cluster, a reflective exercise was conducted to reinforce and internalize the acquired knowledge.

Karazin University continues to actively work and engage lyceum and gymnasium students in education because children are the future of our city, region, and country!

## Graduation Ceremony for Participants of the Program "Ukrainian Language as a State Language in Professional Context"







On March 21, 2024, a solemn graduation ceremony for employees of the company AGRO Generation, who were participants of the professional development courses under the certificate educational program "Ukrainian Language as a State Language in Professional Context," took place at Karazin University. The educational process at the Post-Qualifying Education Center from January to March 2024 involved participants mastering 15 relevant topics during lectures, practical sessions, and independent study activities according to the corresponding institutional format. Participants were also engaged in completing practice-oriented tasks related to their specialty at AGRO Generation, which significantly contributed to the modernization of their language and communication competencies.

During the event, Vice-Rector Boris Samorodov congratulated the course graduates, wishing them productive work and excellent health. The Director of the Continuing Education Center, Mykhailo Tatarynov, conducted interactive feedback with the group of course participants, listening to their impressions and evaluation of the professional activities of the instructor - the author of this program, Yuliia Garyunova. He also answered questions regarding further cooperation in the field of continuing education.

The graduates expressed their gratitude to the administration of Karazin University for creating favorable and flexible psycho-pedagogical and organizational conditions during their training in the professional development courses. At the end of the event, Boris Samorodov and Mykhailo Tatarynov presented the participants with documents certifying their completion of the professional development program.

The event: expands access to professional education for adults;

develops key language and professional skills essential for the labor market;

strengthens language and civic competence;

implements the principle of "lifelong learning."

Thus, Karazin University not only educates students but also creates modern educational opportunities for working professionals, promoting the sustainable development of both individuals and the country as a whole.

### Karazin University has Launched Professional Development Courses for Various Categories of Non-formal Education Participants

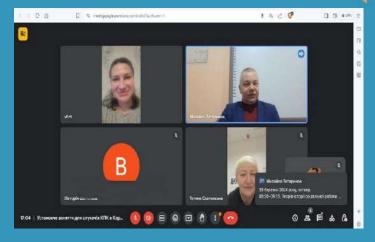




#### **Lifelong Learning**

- The implementation of courses at the Center for Postgraduate Education is a direct example of how the university fulfills its role as a continuous source of knowledge for adults, supporting their professional development and adaptation to new conditions.
- providing equal access to postgraduate education for various professions and social groups;
- developing skills necessary for employment and community support, particularly in the post-crisis period;
- supporting vulnerable groups and de-occupied territories through education.

In this context, Karazin University serves as a center of recovery, social empowerment, and educational development for communities, especially under wartime conditions.



From March 25, 2024, Karazin University has started professional development courses for various categories of participants in English language courses, physical education for instructors in preschool education institutions, and social workers, including those from the affected community.

The training will take place at the Center for Postgraduate Education until April 8, 2024, with the active participation of leading academic and pedagogical staff of the Department of Social Management of the School of Sociology, the Department of Physical Education and Sports of the University, as well as external partners in the postgraduate education system: municipal institutions "Preschool Educational Institution (Nursery-Kindergarten) No. 427", "Kharkiv Gymnasium No. 77" of the Kharkiv City Council.

During the inaugural session, participants familiarized themselves with the content of safety briefings in wartime conditions, became acquainted with the specifics of the educational process according to diversified educational programs, and underwent entrance assessments.

### Karazin University at "MetroSchool": Meeting with Schoolchildren





The career guidance event of Karazin University at the "Metro School" aligns with UN Goal 4, Quality Education, as it: promotes informed career and educational path choices;

creates equal access to educational resources for students from different parts of Kharkiv; supports motivation for continued learning, even under challenging conditions; ensures inclusivity and safety for schoolchildren, particularly during wartime.

Thus, Karazin University actively contributes to the sustainable development of education in Ukraine, fulfilling its social and educational mission.

The "MetroSchool" hosted career guidance events for high school students from all districts of Kharkiv. Each school and institute prepared presentation exhibitions for 10th and 11th graders from the city.

Traditionally, Karazin University holds several Open Days and career guidance events to allow schoolchildren to learn more about potential specialties and professions.

This time, during school holidays, meetings were held with children at "MetroSchool" - a safe place where young Kharkiv residents study. The realities of the time require changing locations for safety. However, the desire to share knowledge, learn, and teach future professionals remains unchanged!

The exhibition lasted for 3 hours, during which representatives of schools and institutes had time to talk about the advantages of studying at the university and the features of educational programs. They also demonstrated experiments, scientific devices, and long-term achievements. Each student had the opportunity to communicate with the Student Council, students, teachers, deans of schools, and institute directors.

In total, about 400 high school students joined the event. Representatives of the public relations center managed to talk to some students.

#### Karazin University's PhD Students and Young Researchers meet with Deputy Minister of Education and Science of Ukraine Mykhailo Vynnytskyi





Raising issues related to supporting the research of young scientists and employment after defending dissertations are strategic steps toward developing a competent and innovative generation of researchers who can contribute to the country's sustainable development.

The discussion on implementing a unified postgraduate ID ("postgraduate card") aims to ensure equal access to resources, benefits, and rights, thereby strengthening inclusion and fairness within the education system.



On March 28, at the initiative of the university's graduate students, a meeting was held with the Deputy Minister of Education and Science of Ukraine, Mykhailo Vynnytskyi. The meeting took place in an open dialogue format. Graduate students had the opportunity to ask their questions, including those regarding:

Ministry of Education projects;

Support and employment of graduate students after defending their dissertations;

Support for research by young scientists;

New admission rules for graduate studies (including EIT);

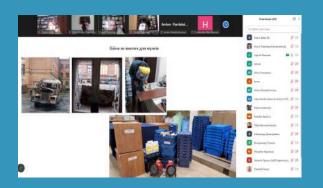
Introduction of the "graduate student card" - a unified identification for graduate students;

The future of Kharkiv as a student city and a powerful scientific center.

We sincerely thank Mr. Mykhailo for the constructive dialogue, support, openness to communication, and the time devoted! Together - towards Victory!

## The Lunyov Readings "Ways and Methods of Enriching Museum Collections: History and Modern Experience" took place at Karazin University





Studying the history and methods of enriching museum collections helps cultivate a responsible attitude toward national heritage among students and professionals, which is an important component of quality education.



On March 29th, the XV Lunyov Readings "Ways and Methods of Enriching Museum Collections: History and Contemporary Experience" took place at the School of History of Karazin Kharkiv National University.

The event was co-organized by the historical faculty, the Department of Historiography, Source Studies and Archaeology, the Center for Ukrainian Studies and Local Lore named after academician P.T. Tron'ko, and the Department of Ukrainian Studies named after D.I. Bagaliy of Karazin Kharkiv National University.

The annual conference is dedicated to the memory of the prominent Ukrainian educator, museum expert, art historian, and graduate of the School of History of Karazin Kharkiv National University, Afanasiy Fedorovych Lunyov (1919–2004). This modest rural teacher gained fame by founding a unique rural historical and artistic museum in the village of Parkhomivka in Krasnokutskyi district and, together with his students, gathered a collection of world-class artworks there.

The conference took place in an online format and was attended by researchers from higher education institutions, museum experts, art historians, historians, librarians, and local lore specialists from Kharkiv and the Kharkiv region, as well as other cities of Ukraine.

### Final of the All-Ukrainian Student Olympiad in Physics

Participation in and victories at Olympiads significantly increase students' chances of admission to leading universities, including Karazin University, thereby promoting equal access to quality higher education for talented youth.

This is another example of how the university and its community shape the educational future of Ukraine—by supporting students, teachers, and a culture of science from an early age.



From March 24th to 29th, 2024, the IV (final) stage of the All-Ukrainian Student Olympiad in Physics took place in the city of Ivano-Frankivsk. Eight students from Kharkiv region participated in the IV stage of the Olympiad.

Among 5 winners of the Olympiad, 4 students from educational institutions in Kharkiv achieved victory, thanks to the efforts of experienced mentors from Karazin University.

Students of Doctor of Physical and Mathematical Sciences, Honored Teacher of Ukraine, Professor of the School of Physics at Karazin University, Zakhar Maizelis, received diplomas:

II degree — Victoria Borziy, 8th-grade student of the Kharkiv Lyceum No. 161 "Impulse" of the Kharkiv City Council;

III degree — Anna Belyaeva, Anton Bukhtatiy, 11th-grade students of the Kharkiv Lyceum No. 161 "Impulse" of the Kharkiv City Council.

Also, Anton Matyash, an 11th-grade student of the Kharkiv Physics and Mathematics Lyceum No. 27 of the Kharkiv City Council, received a diploma of the III degree. The teacher is a graduate of Karazin University, Hero of Ukraine, Honored Teacher of Ukraine, Candidate of Physical and Mathematical Sciences, Illya Gelfgat.

Congratulations to the students and their teacher-mentors! We wish them new achievements and successes!

## Karazinites are among the Representatives of Ukraine at the International Student Physics Tournament





The participation of female students from Ukraine in an international scientific tournament, even amid the war, is an example of access to the global educational community, fostering the exchange of knowledge, experience, and academic collaboration at the international level.

This demonstrates how, even under challenging conditions, Ukraine continues to provide high-quality, accessible, and globally competitive education.



From April 2 to 6, the International Physics Tournament, one of the most prestigious competitions for physics students worldwide, is taking place in Zurich, Switzerland.

The Ukrainian team has been participating in these tournaments annually since its inception. The first tournament was held in Ukraine in 2009. Over the past 15 years, the Ukrainian team has been among the top three winners 10 times, a success matched only by the French team. The war significantly worsened the conditions for preparing Ukrainian teams: they had to train online, almost without access to experimental laboratories, with a focus on the female composition of the team and leaders. However, the tournament, as always, is supported by its fans.

Two students from Karazin University played in the Ukrainian team: Vlada Fandieieva from the School of Physics and Stanislava Litvinova from the Research Institute of Physics and Technology, with two graduates of the Research Institute of Physics and Technology, Kseniia Minakova (currently an Associate Professor at NTU "KhPI") and Anastasiia Haieva (volunteer), serving as team leaders.

The Ukrainian team showed a better result than nine other national teams, including those from the UK, Spain, and Denmark. Based on the results of the qualifying matches, the Ukrainian team ranked 12th out of 21 participating teams and did not advance to the semifinals.

We express our gratitude to the team leaders and everyone who helped in preparation. It is extremely important that the tradition continues, that invaluable tournament experience is passed on to the next generations to carry the torch forward! Many thanks to the fans for their unwavering support!

### Karazin University Participated in a Meeting of the International Consortium of Universities (CUMAI)





- Collaboration with California State University and membership in the international CUMAI consortium provides access to the advanced experience of the United States in higher education.
- This creates new opportunities for students, faculty, and researchers, particularly through international educational and grant programs.

The university's engagement in the international educational space promotes the development of global thinking, intercultural exchange, and the cultivation of values such as peace, cooperation, and social responsibility.



International cooperation is one of the main directions of Karazin University's activities. Participation in the international consortium of universities CUMAI will allow us to adopt experience and attract funding from the United States for the development of higher education institutions, the creation of a virtual entrepreneurship development center, the development of risk management standards, and assistance in the reintegration of war veterans.

On April 8, 2024, a meeting took place at the U.S. Embassy in Ukraine with Mark Sigel, a staff member of the University of California, San Diego, and representatives of 8 Ukrainian HEIs participating in the consortium between Ukrainian and Moldovan universities with the University of California, San Diego (CUMAI).

The U.S. Embassy in Ukraine was represented at the meeting by Assistant Press, Education, and Culture Attaché Erin Cowzens and Education Specialist Vera Ternovska. From Karazin University, the meeting was attended by Volodymyr Rodchenko, Director of the School of Business, and Yulia Kvitka, Associate Professor of the School of Business responsible for international cooperation.

During the meeting, issues related to supporting the activities of the newly created consortium of universities (CUMAI) were discussed, including the transformation of higher education following the example of the United States, assistance to the population and veterans with PTSD, the development of business education, and cultural and technological cooperation.

Agreements were reached on the widest possible involvement of the American academic, grant, and business communities in project initiatives (CUMAI). We continue our joint work!

### The International Scientific and Practical Conference "Yakubynska Scientific Session"





The conference focused on war, media, language, and art—key factors in shaping a tolerant, critically thinking civil society.

The implementation of sociological analysis in the educational and public sphere contributes to the development of education as a tool for peace, which is a central element of Goal 4.

Holding such scientific events even during wartime demonstrates the preservation of academic resilience and the creation of an intellectual environment for scholarly discussions and the development of ideas—an important indicator of quality education.



On April 5th, the XVIII International Scientific and Practical Conference "Yakubynska Scientific Session" took place at Karazin University.

This year, the "Yakubynska Scientific Session" was dedicated to the 95th anniversary of the birth of the founder of sociology of the local, the founder of the Kharkiv Sociological School, Professor Olena Oleksandrivna Yakuby. According to Vil Bakirov, about Mrs. Olena: "Olena Oleksandrivna was a bright star in the constellation of sixties sociologists who taught the totalitarian society to pronounce, albeit with difficulty, the word 'sociology'."

This year's conference covered the topic of society during wartime, specifically focusing on the theme: "Language of War: Academic, Media, Artistic, and Everyday Discourses."The conference was organized by the Kharkiv branch of the Sociological Association of Ukraine and the School of Sociology of Karazin University.

Opening remarks were also delivered by the Dean of the School of Sociology, Olena Muradyan, academician of the National Academy of Sciences of Ukraine Vil Bakirov, and Professor Liudmyla Sokuryanska.

As emphasized by Olena Muradyan, since 2022, Karazinites have expressed hope at every conference that next time everyone will be able to meet in person rather than in the virtual space. She quoted the words of Olena Oleksandrivna, which describe contemporary sociologists in Ukraine: "A sociologist needs the qualities of a fighter to defend his independence as a researcher of modern processes and overcome various forms of ideological and political pressure."

We are confident that our joint desire will come true as soon as possible, and the development of science will contribute to the bright future of Ukraine!

#### Karazinites are among the Laureates of the Prizes Awarded by the National Academy of Sciences of Ukraine for the Results of the 2023

The recognition of leading scientists at Karazin University is evidence of a high level of quality education and research, in line with UN Goal 4. This event strengthens academic potential, stimulates the development of innovations, and ensures the training of competent professionals capable of advancing Ukraine and contributing to the sustainable development of society.







On March 6, 2024, the Presidium of the National Academy of Sciences of Ukraine awarded prizes named after prominent Ukrainian scientists for the results of the 2023 competition conducted by the departments of the NAS of Ukraine.

Among the scholars from Karazin University, numerous researchers were honored with awards. Specifically, recipients of the B. I. Verkin Prize for establishing a significant dependence of the electro-transport properties of pseudo-gap states of conductors of various origins on external factors included:

Professor Yuriy Boyko from V. N. Karazin Kharkiv National University

Dean of the School of Physics at V. N. Karazin Kharkiv National University, Corresponding Member of the NAS of Ukraine Ruslan Vovk

Graduate of Karazin University, Senior Researcher at the B. I. Verkin Institute for Low Temperature Physics and Engineering of the NAS of Ukraine Andriy Solovyov.

The recipients of the D. V. Volkov Prize for the cycle of works "Scattering, ionization, and electromagnetic radiation processes involving high-energy charged particles in amorphous and crystalline media" included:

Professor Mykola Bondarenko, leading researcher at the National Science Center "Kharkiv Institute of Physics and Technology" and the Department of Nuclear and High Energy Physics at V. N. Karazin Kharkiv National University

Professor Ihor Kyryllin, leading researcher at the National Science Center "Kharkiv Institute of Physics and Technology" and the Department of Nuclear and High Energy Physics at V. N. Karazin Kharkiv National University

Professor Serhiy Trofymenko, leading researcher at the National Science Center "Kharkiv Institute of Physics and Technology" and the Department of Nuclear and High Energy Physics at V. N. Karazin Kharkiv National University.

The laureates of the S. Ya. Braude Prize for pioneering measurements of the integral spectrum of the Cassiopeia A supernova remnant and participation in the creation of the next-generation Ukrainian radio telescope GURT and the European NenuFAR radio telescope (France) among Karazin graduates included:

Igor Bubnov, Senior Researcher at the Radioastronomical Institute of the National Academy of Sciences of Ukraine

Oleksandr Stanislavskyi, Senior Researcher at the Radioastronomical Institute of the National Academy of Sciences of Ukraine.

Congratulations to the prize winners on their well-deserved recognition, and we wish them strength and inspiration for new professional achievements for the benefit of Ukraine!

### **Kharkiv University is featured in the QS World University Rankings by Subject 2024**





The university's recognition in prestigious international rankings confirms the high quality of its educational programs and research in computer science, information systems, physics, and astronomy.

This demonstrates the standard of education that meets global benchmarks and contributes to the development of competitive professionals. Karazin University's inclusion in the QS international subject rankings is evidence of its high level of education and research, supporting the achievement of UN Goal 4—ensuring inclusive and quality education for all and promoting lifelong learning opportunities.



On April 10, 2024, the latest edition of the QS World University Rankings by Subject 2024 was released. The rankings included 1,559 higher education institutions from around the world, evaluated across 55 subjects in 5 broad subject areas.

Karazin University made it into two subject rankings: "Computer Science and Information Systems" and "Physics and Astronomy." In the field of "Computer Science and Information Systems," the university holds a position within the range of 601–650, and in "Physics and Astronomy," it holds a position within the range of 501–500.

### **Karazin University Continues its Work with Teachers and Educators**





The launch of professional development courses at Karazin University helps advance UN Goal 4 by providing access to high-quality, modern, and inclusive education, enhancing the professional skills of educators, and contributing to the improvement of educational standards across various regions of Ukraine.



Karazin University has been providing professional development for many years, enabling them to deliver personalized and socially oriented education to students. This direction remains one of the main focuses of the university's activities.

Karazin University has launched training courses for teachers and educators from educational institutions in various districts of Kharkiv, one of the de-occupied rural districts of the Kharkiv region, and Odessa.

The educational process in the professional development courses, conducted by the Center for Postgraduate Education, is facilitated by highly qualified academic and pedagogical staff from the Department of Ukrainian Literature History at the School of Philology, departments of the School of Mathematics and Computer Science, as well as the university's permanent external partner, Kharkiv Lyceum No. 46 of the Kharkiv City Council.

During the training, participants engage in online lectures, familiarize themselves with the methodologies for the new model programs for future 7th grade students of the "New Ukrainian School," develop working educational programs based on them, and participate in a series of practical sessions and trainings on current scientific and pedagogical achievements and discoveries, conducted by representatives of Karazin University's researchers.

### The Excursion "Journey to the Maya World: Yuri Knorozov - Genius from Kharkiv Region"





Organizing excursions and virtual exhibitions allows a wider audience—students, city residents, and the regional community—to access quality education beyond traditional classrooms.

This contributes to the development of an educated society and enhances cultural and scientific awareness.

#### Inclusivity and accessibility of education

The "Intellectual Journeys Initiative" project and online exhibitions make educational content more accessible to diverse groups of people, including those who cannot visit the museum in person.



The museums of Karazin University carefully preserve the monuments of history and cultural heritage of our people so that everyone can delve into the secrets of the past.

In the History Museum of Karazin University, an excursion for Kharkiv residents titled "Journey to the Maya World: Yuri Knorozov - Genius from Kharkiv Region" took place, organized as part of the "Intellectual Travels Initiative" project in collaboration with the Kharkiv Regional Tourist Information Center.

The museum's exhibition immersed visitors in the atmosphere of the university's past, and the paths of our alma mater's rich and captivating history were guided by the junior research fellow of the university's history museum, Anastasiia Shapovalova. Visitors were particularly intrigued by the museum's unique exhibit - a fully wooden microscope. Visitors learned about the traditions of awarding the title of Honorary Doctor, the Higher Women's Courses, which served as a starting point for women to obtain higher education, and about the inventions of devices by students and professors of the university.

University guests listened to a brief story about Yuri Knorozov's contribution to deciphering Maya script and visited a virtual exhibition, where they familiarized themselves with the researcher's personal file and learned interesting facts.

### Representatives of Karazin University Participated in the International Teaching Days as part of the Erasmus+ Program







The International Teaching Days event, organized by the University of Applied Sciences IMC Krems (Austria) within the framework of the EU Erasmus+ program, took place.

From April 9th to 13th, over 30 international professors and experts shared their experience with Austrian students. This event is an important step towards internationalization and a great opportunity to combine knowledge and experience from different countries and academic disciplines.

International Teaching Days serve not only as a platform for academic exchange among students and staff but also as cultural enrichment, making the network of partner universities valuable and unique.

Representatives of the Karazin Banking Institute of V.N. Karazin Kharkiv National University presented:

Deputy Director of the Institute, Associate Professor Valeriia Kochorba with a guest lecture on "Organization of risk management systems in banks";

Professor of the Department of Banking Business and Financial Technologies,

Associate Professor Valeriia Baranova with a guest lecture on "Digital transformation."

Participation in academic mobility programs provides an opportunity to create an international educational environment and prepare our students for the challenges of the globalized world. These were unique days, filled with engaging discussions, innovative teaching approaches, and the opportunity to expand communication and friendly relations!

We thank our colleagues for their understanding and unwavering support of our country in such challenging times. This motivates and inspires us to develop, share experiences, and confidently move towards our Victory!

### The V. M. Voyevodin International Scientific and Technical Conference "Issues of Modern Nuclear Energy" has started at Karazin University









The conference moderator was the head of the Department of Reactor Materials and Physical Technologies of the NSC "KPTI" Serhiy Lytovchenko.Kharkiv has always been one of the main centers of nuclear physics and energy development, and Karazin University is among the leading institutions where research and education in the field of nuclear physics are promoted and conducted.

The International Scientific and Technical Conference named after V. M. Voyevodin "Issues of Modern Nuclear Energy" started at the university and will last until April 19.

The conference was organized by the NGO "Ukrainian Nuclear Society", the National Science Center "Kharkiv Institute of Physics and Technology", and V. N. Karazin Kharkiv National University.

The opening remarks to the conference participants were delivered by the Deputy Director General for Scientific Work of the NSC "KPTI", Professor of the Department of Reactor Materials and Physical Technologies of the NSC "KPTI", Academician of the National Academy of Sciences of Ukraine Mykola Azarenkov, Vice-Rector of Karazin University Anton Panteleimonov, Executive Secretary of the NGO "UkrNYS" Danylo Lavrenov, and Director of the NRC "Nuclear Fuel Cycle" of the NSC "KPTI" Volodymyr Krasnorutskyi. Members of the presidium wished the participants fruitful work and interesting discussions.

The conference moderator was the head of the Department of Reactor Materials and Physical Technologies of the NSC "KPTI" Serhiy Lytovchenko.

#### Meeting with Advisor of the Permanent Mission of Ukraine to the UN Serhii Dvornyk







Karazinites continue to learn from real professionals! On April 17, 2024, an online meeting took place with Advisor of the Permanent Mission of Ukraine to the UN, Serhii Dvornyk, and university students.

The theme of the event was "Ukrainian Diplomacy in Defending Ukraine's National Interests at the UN." Consolidating the international community in defense of Ukraine's state sovereignty and territorial integrity is a critically important task for Ukrainian diplomacy. While the UN serves as a global platform for international interaction and cooperation among states, addressing issues of peace, security, development, and human rights.

Students actively showed interest and asked questions aimed at revealing the main tasks of Ukrainian representation at the UN, methods of cooperation with delegations of "Global South" countries to ensure support for necessary resolutions for Ukraine. They also inquired about Mr. Serhii's personal opinion on the role of the UN in post-war state rebuilding and opportunities to increase assistance to Ukraine.

The speaker shared his own work experience, provided advice for students considering a future in diplomacy and international relations. This event marks an important step in cooperation between Karazin University and the Permanent Mission of Ukraine to the UN.

The university expresses sincere gratitude to the Permanent Mission of Ukraine to the UN and personally to Serhii Dvornyk. We look forward to future meetings.

#### Andrii Khorunzhy is the Winner of the International Linguistic and Literary Competition among Students named after Taras Shevchenko







We take pride in the achievements of our Karazin students and celebrate new victories!

Andrii Khorunzhy, a third-year student of the School of Philology, has been awarded the third prize diploma at the XIV International Language and Literary Competition after Taras Shevchenko. He emerged victorious in the final competition among students of higher education institutions in the humanities field.

Andrii is a talented young researcher, the author of over 10 research publications, and an active participant in student life. He fulfills the duties of the head of the Scientific Society of the School of Philology and is a member of the Student Council.

Congratulations to Andrii, and we wish him further success and accomplishments!

University Graduate Polina Kofman has been Awarded a Grant from the American Physical Society







In 2023, Polina Kofman, a graduate of the School of Physics and Technology, received a grant (APS Distinguished Student Program for Ukraine, supported by the Alfred P. Sloan Foundation) from the American Physical Society (APS) for Ukrainian students.

This grant enabled Polina to present at the APS March Meeting in Minneapolis. Her presentation focused on physical qubits and built upon ideas from an article published in Physical Review Letters last year. The presentation showcased theoretical research results on a two-level system interacting with a two-dimensional transistor-like optical platform. With the support of APS, Polina joined 13,000 physicists in Minneapolis.

Polina Kofman is currently a Ph.D. student at the B.I. Verkin Institute for Low-Temperature Physics and Engineering of the National Academy of Sciences of Ukraine in Kharkiv. In 2023, she graduated from the university with honors, being selected as the best graduate of the School of Physics and Technology 2023. At the time of her graduation, she was already a co-author of a paper in the journal Scientific Reports, received the President of Ukraine Scholarship, a scholarship for internships at the Riken Institute (Japan), and won the International Physics Student Tournament in 2021. Therefore, the institute's faculty and her Ph.D. supervisor, a graduate of the School of Physics and Technology, Doctor of Physical and Mathematical Sciences Sergiy Shevchenko, always believed in Polina's success and are proud of her achievements.

Congratulations to Polina, and we wish her discoveries and accomplishments!

### International Scientific and Practical Conference "Trends in the Development of Pedagogy and Education in the Era of Digital Transformations" (ByteEd 2024)







V. N. Karazin Kharkiv National University puts significant efforts into the development of pedagogy and education, implementing innovative approaches and technologies into the educational process. In the era of digital transformations, the academic activities of the university contribute to the formation of modern teaching methods and the preparation of qualified specialists ready to meet today's challenges.

From April 17 to 19, the Institute of International Education initiated and acted as the main organizer of the First International Scientific and Practical Conference "Trends in the Development of Pedagogy and Education in the Era of Digital Transformations" (ByteEd 2024). The conference was attended by about 300 participants from 12 countries around the world: Ukraine, Great Britain, France, Ireland, Poland, Slovakia, Bulgaria, Turkey, Latvia, Israel, Kazakhstan, and China.

At the beginning of the plenary session, the participants were greeted by Anton Panteleimonov, Vice-Rector of Karazin University, and Yaroslav Kichuk, Rector of Izmail State Humanitarian University. The presentations were delivered by prominent scientists and educators, including Josef Zatko (Slovak Republic), Peter Plavchan (Slovak Republic), Marina Grynyova, Olena Karaman, Nataliia Aristova, Lilia Hrynevych, Jade McGlinn (Great Britain; Washington, USA), Maria Christiani (France), as well as many other local and foreign scholars.

During the session, reports were presented on the mission of a modern teacher in Ukrainian society, the peculiarities of teacher training and educational activities organization in foreign educational institutions, directions of pedagogical research, and digital transformation of education, among other topics.

#### Karazin University Participanted in the All-Ukrainian Forum "Science, Ethics, Research."







The All-Ukrainian Forum "Science, Ethics, Research" took place in Lviv on April 19–20, with participants including representatives of scientific societies from various cities of Ukraine. Karazin University was represented by a graduate student from the School of Physics, Lyubov Paschenko.

Over the course of two days, young scientists discussed the development of science and its ethical aspects, learned about opportunities for grants and funding, and engaged in discussions about the role of commerce in science. They also participated in workshops on building scientific profiles, developing international academic connections, and writing scientific papers, as well as had the opportunity to network.

At the end of the forum, members of scientific societies from more than 10 universities in Ukraine presented their activities, talked about research institutions and laboratories operating within their higher education institutions that could be used for joint research.

Participants of the meeting discussed opportunities for future cooperation and the creation of specialized student journals and joint projects.

#### All-Ukrainian Open Tournament of Young Physicists (Junior League): Summary







From April 19th to 21st, the 24th All-Ukrainian Open Tournament of Young Physicists (Junior League) took place in an online format. Seven teams from Kyiv, Lutsk, and Kharkiv participated in the tournament.

The winners of the tournament were the teams "Momentum" and "Talent," which both received the highest score.

The first team was a combination of students from Kharkiv Lyceum No. 161 "Impulse" and Kharkiv Physics and Mathematics Scientific Lyceum No. 27. The team was coached by Professor of the University's School of Physics, Zakhar Maizelis.

The second team represented the Kharkiv Scientific Lyceum-Boarding School "Talent."

The tournament jury included representatives of the Karazin community, including Hero of Ukraine Ilya Gelfgat, Director of the Educational and Scientific Institute "School of Physics and Technology" Pylyp Kuznetsov, Professor of the School of Physics Oleksiy Holubov, university graduates Ksenia Minakova, Svitlana Fedchenko, Oleksandr Kamin, and Ihor Nenashev, as well as students Stanislav Litvinov and Roman Ovsyannikov.

The jury was traditionally chaired by Professor Igor Hirka, Director of the Educational and Research Institute "School of Physics and Technology."

#### Students of the School of Medicine Participated in an Internship in Medical Microbiology in Germany







As part of the academic mobility program under the memorandum of cooperation with the University of Regensburg, second-year students of the School of Medicine of Karazin University participated in an internship in medical microbiology.

Students enhanced their knowledge of bacterial differentiation methods, independently performed Gram staining and microscopy of specimens, learned the technique of Ziehl-Neelsen staining, conducted microscopic observation of bacteria in real-time, and improved their knowledge of spore and capsule microscopy.

Within the program, the students studied the biochemical properties of bacteria, conducted bacterial testing for antibiotic resistance, and PCR analysis of nasal swabs for MRSA.

During the practical training, they improved their skills in using light and fluorescent microscopy and acquired many other practical skills.

With the support of the Dean of the School of Biology and Preclinical Medicine, Professor Ralph Witzgall, and with the direct involvement of Dr. Robert Reichheld and the Coordinator of the Department of Medical Microbiology, Dr. Benedict Asbach, Karazin students not only deepened their theoretical knowledge of medical microbiology but also practically improved their skills and mastered methods of preparing microbiological preparations and their microscopy.

### Series of In-person Physiology Classes for Medical Students in Accordance with the Cooperation Memorandum with the University of Regensburg







As part of the student exchange program, second-year students from the School of Medicine of Karazin University participated in a series of in-person physiology classes based on the cooperation memorandum with the University of Regensburg.

With the support of the Dean of the School of Biology and Preclinical Medicine, Professor Ralph Wittig, and the participation of Professor Frank Schwed from the University of Regensburg, Karazin students were introduced to German standards in higher medical education. Associate Professor Vera Shekh from the Department of Human and Animal Physiology of the School of Biology of Karazin University, who is on scientific and pedagogical internship for teachers at the University of Regensburg, also joined the classes.

The future doctors independently performed laboratory work on ECG registration and analysis, blood flow in arterial and venous vessels, heart activity regulation, local and systemic blood circulation, cardiovascular and respiratory system physiology, sensory system studies, physiological basis of behavior, and blood system physiology.

Practical skills training was conducted using modern equipment, including an electrocardiograph, an adjustable table with tilt, Goldman's perimeter projector, a soundproof booth for hearing tests, express blood group test, spirometer, tonometer, electromyograph, and more.

We are delighted to create opportunities for our students and implement practical classes even under such challenging circumstances!

# The Karazin Scientific Journal "Financial and Credit Systems: Perspectives of Development" has been included in the List of Scientific Professional Publications of Ukraine in category "B"





According to the Order of the Ministry of Education and Science of Ukraine "On Approval of Decisions of the Attestation Board of the Ministry of Education and Science of Ukraine" No. 582 dated April 24, 2024, the scientific journal "Financial and Credit Systems: Perspectives of Development" of V.N. Karazin Kharkiv National University has been included in the list of scientific printed periodicals belonging to the List of scientific professional publications of Ukraine, which are assigned the category "B".

The journal can publish the results of dissertation research for obtaining scientific degrees of Doctor of Sciences, Candidate of Sciences, and the degree of Doctor of Philosophy in Economics in the following specialties:

- 051 Economics:
- 292 International Economic Relations;
- 071 Accounting and Taxation;
- 072 Finance, Banking, Insurance, and Stock Market;
- 073 Management;
- 075 Marketing;
- 076 Entrepreneurship and Trade.

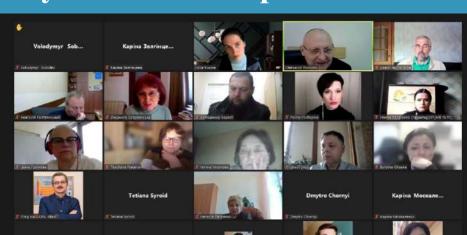
The publication is issued four times a year.

The Editor-in-Chief is Doctor of Economics, Professor Borys Samorodov.

The editorial boards of university periodicals invite Karazin scholars, the scientific community of Ukraine, and scholars from around the world to collaborate. All materials are published on the website "Scientific Periodicals of Karazin University."



### **Conference on Accreditation of Educational Programs: Key Discussion Aspects**





On April 24, 2024, a regular conference on the accreditation of educational programs took place at Karazin University.

The conference was conducted in an online format. The moderators of the meeting were the Vice-Rector for Research and Teaching, Oleksandr Holovko, and the leading specialist of the Department of Methodological and Accreditation Work, Iryna Hromova.

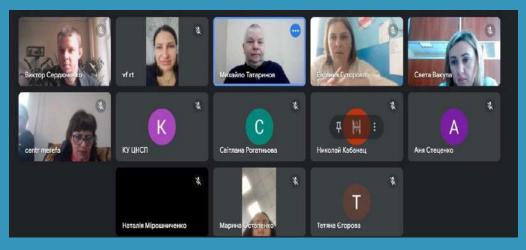
This time, the participants of the seminar-conference considered two issues related to the challenges faced by the guarantors of educational programs when filling out information for self-assessment of the educational program:

- "Learning through research" as the tenth criterion for assessing the quality of the educational program of the third (educational-scientific) level. Speaker: Head of the Department of International and European Law, School of Law, Tetiana Syroid.
- "Organization and conduct of surveys of stakeholders of educational programs: graduates, applicants, employers." Speaker: Associate Professor of the Department of Methods of Sociological Research, School of Sociology, Irina Kuzina.

The discussion involved over 120 participants, including program guarantors responsible for the preparation of higher education seekers at the university and leading academic staff of Karazin University.

**Professional Development for Social Service Workers of Kharkiv Region Begins at Karazin** 

University







On April 25, Karazin University began the professional development training for a new group of participants under the educational program "Social Work" (specialty 231). The participants include employees from social service centers (departments) and agencies from 6 cities, 5 townships, and 4 rural councils in the Bohodukhiv, Izium, Lozova, Kharkiv, and Chuhuiv districts of Kharkiv region. These employees provide social support and practical work with various population groups. Among the learners are representatives of territorial communities from de-occupied regions of the area.

This initiative at the university is carried out in cooperation with the Kharkiv Regional Center for Social Services.

During the first session, the director of the Center for Postgraduate Education, Mykhailo Tatarynov, introduced the participants to the specifics and details of the educational process, conducted an introductory briefing on health and safety, addressed participants' pressing questions, and facilitated an exchange of views on the organization, implementation, and scientific-methodological support of social services with different population categories in the region, including internally displaced persons. Social service workers participating in the professional development courses proposed a list of current and urgent issues needing immediate resolution during the training and actively engaged in the initial evaluation.

The educational process for this category of social workers will be further provided by the academic staff of the Department of Sociology of Management and Social Work, the authors of the working educational program in specialty 231 "Social Work," including the Head of the Department, Iryna Yevdokymova, and Associate Professors Olena Plakhova and Svitlana Sadrytska.

The training for course participants will continue at the University's Center for Postgraduate Education until May 15, 2024.

### Karazin Scientists were Elected as Full Members (Academicians) and Corresponding Members of the National Academy of Sciences of Ukraine







On April 25, 2024, a session of the General Assembly of the National Academy of Sciences of Ukraine took place, during which full members (Academicians) and corresponding members of the National Academy of Sciences of Ukraine were elected.

Among them are the members from Karazin University, specifically:

- Corresponding member of the National Academy of Sciences of Ukraine, Dean of the School of Physics, Professor Ruslan Vovk, was elected a full member (academician) of the National Academy of Sciences of Ukraine in the Department of Physics and Astronomy, specializing in "Physics of Nanosystems".
- Professor and leading researcher at the Educational and Research Institute "Physical-Technical School" Ihor Denysenko was elected a corresponding member of the National Academy of Sciences of Ukraine in the Department of Nuclear Physics and Energy, specializing in "Plasma Physics".
- Professor and Head of the Department of Space Radiophysics of the School of Radiophysics, Biomedical Electronics, and Computer Systems, Leonid Chornogor, was elected a corresponding member of the National Academy of Sciences of Ukraine in the Department of Physics and Astronomy, specializing in "Space Physics".
- Professor of the Department of Fundamental Mathematics of the School of Mathematics and Informatics Dmytro Shepelsky was elected a corresponding member of the National Academy of Sciences of Ukraine in the Department of Mathematics.
- Professor of the Department of Nuclear and High Energy Physics of the Educational and Research Institute "Physical-Technical School" Ihor Kyryllin was elected a corresponding member of the National Academy of Sciences of Ukraine in the Department of Nuclear Physics and Energy, specializing in "Nuclear Physics". We congratulate the university scientists on their election!

### Karazin University Scientists were Honored with the Order of the Star of Italy







Two distinguished scientists from Karazin University have been honored: academician Vil Bakirov and professor Olena Bannykova.

The President of the Sociological Association of Ukraine, academician Vil Bakirov, has been promoting scientific cooperation with Italian universities for over three decades. During his tenure as the Rector of the university, he significantly enhanced the teaching of the Italian language and facilitated the establishment of cooperation agreements with Italian higher education institutions.

Doctor of Physical and Mathematical Sciences, professor of the Department of Astronomy and Space Informatics of the School of Physics, Olena Bannykova, has also received this high honor. Her efforts are directed towards developing the cooperation between Ukrainian and Italian scientists in the field of astrophysics and the exchange of experience. She actively promotes the development of relations between Karazin University and Italian universities.

The Ambassador of Italy to Ukraine, Pier Francesco Zazo, noted that these awards recognize the significant contribution of both scientists to the development of scientific relations between Italy and Ukraine. At the same time, it is a symbol of support for the academic community, students, and residents of Kharkiv, who have been enduring the consequences of russian aggression for over two years.

We express our sincere gratitude to Vil Bakirov and Olena Bannykova for their exceptional contribution to the development of science and academic ties between Italy and Ukraine. Congratulations on the awards and best wishes for continued success. May their work continue to inspire others to achieve great accomplishments!

### Karazininites held a Training Session "Media as a Tool for Interaction with Beneficiaries for NGOs and Charitable Foundations"







On April 29, at the Center for Civil Society Development, the Director of Karazin Media Studio, Mykhailo Protsenko, the Director of the Public Relations Center, Victoria Yakymenko, and the specialist of the public relations center, Yulia Baglyk, conducted a 4-hour training session for representatives of charitable and public organizations in Ukraine. The offline training focused on the following topics:

- Basic rules of communication on the internet;
- The importance of visual content in the media space;
- PR and promotion: how to attract media attention to the activities of public and charitable organizations;
- Videography for social media;
- Best techniques for videography;
- Basics of photography;
- How to take emotional photos for social media and the press;
- Photos that tell stories;
- Managing social media: strategies, tone of voice, copyrighting rules;
- Methods for tracking the effectiveness of media campaigns;
- Working with journalists.

In particular, Mykhailo Protsenko talked about videography and techniques for quality visual content. Victoria Yakymenko discussed the basics of photography and focused on how to take quality photos without professional equipment. And Yulia Baglyk talked about the importance of social media for organizations.

We are glad to have the opportunity We are glad to have the opportunity to conduct offline events for the people of Kharkiv and to share knowledge and experience!

#### Students of the School of Economics Became Winners of the Final Stage of the All-Ukrainian Innovation Festival









On April 29, students of the School of Economics of Karazin University became winners of the final stage of the All-Ukrainian Innovation Festival, organized by the Startup Center "Spark" at the National Technical University "Kharkiv Polytechnic Institute" in collaboration with the Ministry of Education and Science of Ukraine and the Ukrainian Startup Fund.

The team "Times Traveler's Art," consisting of third-year students from the Marketing Management program at the Department of Marketing, Management, and Entrepreneurship of the School of Economics - Sofia Kravchenko, Amina Kozachenko, and Oleksiy Pavlov, went through the selection process among 86 startup projects from various cities of Ukraine: Lviv, Rivne, Kamianets-Podilskyi, Kherson, Kyiv, Zaporizhzhia, Kharkiv, as well as from the Netherlands and China. The Karazin students made it to the final 18 of the All-Ukrainian Innovation Festival, successfully presenting their project and receiving the Audience Choice Award.

Congratulations to the "Times Traveler's Art" team, wishing them perseverance, new achievements, and victories!

### "Energy Security": Offline Lecture by Artem Chernyuk







We are starting to implement exciting new projects together with the Ukrainian Engineering and Pedagogics Academy. Within the framework of our cooperation, we cover the most relevant directions, exchange experiences, and acquire new knowledge!

On April 30, at Karazin University, the Head of the Department of Electrical Engineering and Power Engineering at the Ukrainian Engineering and Pedagogical Academy, Ph.D. Artem Chernyuk, held an offline lecture on energy security. The lecture took place in the university's safe space.

The speaker elaborated on the topic of energy and energy security for the residents of Kharkiv. During the lecture, participants discussed the concepts, components, methods, and means of energy security. And importantly, they explored the current energy realities of Ukraine and the world. The issue of energy shortages and the ways to address this condition became particularly relevant for us. In particular, we discussed possible prospects for the development of the labor market in the energy sector.

We are sincerely glad that a new energy direction of education has been opened at Karazin University. We are confident that we will continue to work at no less active pace and in synergy to implement new initiatives!

## Karazin University Ranked Second in Ukraine in the Scopus Scientometric Databas Y Rating in 2024.







The annual ranking of Ukrainian higher education institutions based on Scopus data metrics has been released.

According to this year's indicators, Karazin University ranked second in Ukraine in Scopus. This demonstrates the university's high level of scientific research and academic activity, making a significant contribution to the development of science at the international level.

The ranking was created based on the results of scientometric monitoring of scientific publishing activities in Ukraine using the SciVerse Scopus database as of April 2024. The ranking results rely on the citation rates of scientific articles published by educational institutions or their specialists.

In the ranking table, Ukrainian universities are ranked by the Hirsch index — a quantitative indicator based on the number of scientific publications and their citations.

Karazin University continues to maintain and strengthen its leading position in higher education and research activities!

#### Karazinites — in the Ranking of the Best Scientists of Ukraine according to the Scopus database 2024







8 scientists from Karazin University have entered the updated list of the best scientists of Ukraine according to the Scopus database 2024, including:

- Academician of the National Academy of Sciences of Ukraine, Head of the Department of Crystal Physics of the School of Physics Boris Hrynyov
   — position 1;
- Academician of the National Academy of Sciences of Ukraine, Dean of the School of Physics Ruslan Vovk position 32;
- Corresponding Member of the National Academy of Sciences of Ukraine, Head of the Department of Astronomy and Space Informatics of the School of Physics Yuriy Shkuratov position 44;
- Head of the Department of Cardiology, Laboratory, and Functional Diagnostics of the Medical School Vera Tseluyko position 48;
- Professor of the Department of Materials of Reactor Building and Physical Technologies of the Research and Development Institute of Physics and Technology Viacheslav Beresnev — position 144;
- Professor of the Department of Inorganic Chemistry of the Chemical School, Head of the Department of Physico-Organic Chemistry of the Research and Development Institute of Chemistry Oleksandr Kyrychenko position 150;
- Head of the Department of Physics of Asteroids and Comets of the Research and Development Institute of Astronomy, Professor of the Department of Astronomy and Space Informatics of the School of Physics Iryna Belska position 172;
- Head of the Chuhuiv Observational Station of the Research and Development Institute of Astronomy Yuriy Kruhlyi position 192.

  The TOP 1000 scientists in Scopus is an individual ranking of the 1000 best scientists of Ukrainian scientific organizations based on the Hirsch index in Scopus.

Congratulations to the scientists of Karazin University on their well-deserved recognition, and we wish them further success!

### Open Day at the Ukrainian Engineering Pedagogical Academy











Today, the Institute of Ukrainian Engineering Pedagogy of the Karazin Kharkiv National University held the Open Day in an offline format. Each interested person had the opportunity to personally learn about the Institute, its educational advantages, and interesting facts.

The faculty and students of the Institute prepared an exciting program for prospective students! Each department of the educational and scientific institute had its own location. In particular, the event program included interactive tasks:

- Intellectual game "Unveil Your Potential";
- Gastronomic tour around countries;
- Business online game "Fashion and Food Trip";
- Seminar-quest "Important or Difficult Life Choice";
- Interactive game "Guess the Emotion";
- Local history and tourism quiz, and more.

Prospective students got acquainted with the interesting world of food technology and production: everyone could conduct experiments with products, draw on fabric, and see how professional equipment works.

Activities at other locations proved to be equally interesting. Participants explored pedagogical activities, image psychology, electrical engineering, tested their knowledge of local history, learned more about mechanical engineering, information technologies, and computer systems.

### Panel Discussion: Development of Student Self-Government During Wartime











Life is buzzing within the walls of Karazin University: the most active representatives of student self-government from educational institutions in Kharkiv gathered to discuss the specifics of developing student councils and youth organizations during wartime.

On May 3rd, at the initiative of the Kharkiv Regional Youth Center, a panel discussion titled "Development of Student Self-Government During Wartime" took place. At the beginning of the event, a minute of silence was observed to honor the memory of the fallen defenders who gave their lives in the harsh war against the enemy.

Rector Tetyana Kaganovska addressed the attendees: "When students gather at the university, it truly becomes alive because the university cannot exist without its incredible students. Despite all the challenges, you continue to study and be true citizens of our country here in Kharkiv. The university always provides many opportunities for development, self-realization, and professional growth. And today, our main task is to unite our efforts to overcome, support each other, be useful, and help you realize yourselves and move confidently forward."

Georgiy Pazi, the Director of the Kharkiv Regional Youth Center, thanked those present for their participation and noted that the main goal of this discussion is the development of the student movement in Kharkiv.Representatives of institutions signed a Memorandum of Cooperation to jointly create new opportunities for the development of Ukrainian youth.

Within the panel discussion, there were passionate discussions, exchange of ideas and thoughts, speeches, presentations, and interactive sessions. Students discussed student self-government, its functions, rights, and duties, implementation of student projects and events, challenges, and problems of student organizations during wartime.

### Representatives of Karazin University Among the Winners of the EURIZON Fellowship Programme for Ukraine Competition





On May 3rd, the website of the European project EURIZON announced the completion of the third (final) round of proposal evaluation for the EURIZON Fellowship Programme for Ukraine. As a result, an additional 34 teams of researchers in Ukraine were selected to receive individual funding for a period of up to 12 months.

- Among the winners of the competition there are six teams from Karazin University, which is the best result among universities in Ukraine:

  Heat transport and Interfacial energy dissipation in nanostructures (School of Computer Sciences and Energy Sciences);
- Enhanced chiral sensing with plasmonic hyperbolic metasurfaces (School of Radiophysics, Biomedical Electronics, and Computer Systems);
- Creation of ceramic coatings for surface modification of structural materials by the cathode-type vacuum-arc discharge, which generates highly ionized plasma flows (School of Physics and Technology);
- Reptile and amphibian genomics to unravel evolution and biodiversity (School of Biology);
- Between two poles: Phylogeny and phylogeography of selected species of marine and freshwater leeches (Hirudinea) (School of Biology);
- Biomolecular interactions of amyloids: modulating effects of polyphenols (School of Physics and Technology).
   Two representatives of Karazin University were invited to serve on the Scientific Review Panel: Olha Polotska, Executive Director of the National Research Foundation of Ukraine, and Professor Ihor Hirka from the School of Physics and Technology.
  - Overall, 730 proposals were accepted for the competition in six categories:
  - Infrastructure of databases and numerical calculations:
  - Energy;
  - Environment
  - Health and nutrition;
  - Physics and engineering;
  - Socio-cultural studies.

The organizers received over fifteen hundred reviews. Taking into account the previous two selection rounds, the competition jury selected 65 proposals for funding, involving 324 researchers and engineers working in Ukraine. The funding for these 65 projects amounts to four and a half million euros. Projects with durations ranging from six to twelve months will be implemented by the end of April 2025, starting from February 2024.

https://karazin.ua/en/news/predstavnyky-karazinskoho-universytetu-nbsp-mdash-sered-pe/

## Sergiy Zhukov delivered a lecture titled "Information Threats in the Context of Hybrid Warfare"







How does "hybrid warfare" differ from "conventional warfare"? What informational threats exist in contemporary political discourse and how can they be recognized?

Sergiy Zhukov delivered a lecture on this issue titled "Information Threats in the Context of Hybrid Warfare" on May 3 at Karazin University.

Sergiy Zhukov is an analyst at the Center for Strategic Communications and Information Security, a Deputy of the Kharkiv Regional Council, and the Head of the Commission on Information Policy, Public Relations, and Digital Transformation. He is a graduate of the Historical School at Karazin University 2007.

Attendees expressed gratitude for the opportunity to acquire valuable knowledge that will aid in combating enemy information challenges, countering fake news, and fostering critical thinking.

#### Artem Hrynchenko, a student from the School of Computer Physics and Energy, Won a Scholarship from the IEEE Microwave Theory and Technology Society Community





A student from the School of Computer Physics and Energy at Kharkiv Karazin University, Artem Hrynchenko, has won a prestigious scholarship for students from the IEEE Microwave Theory and Technology Society community.

In the 10-year history of this international award, this is the second recognition for Ukrainians. Artem's project, supported by this scholarship, will focus on implementing highly directional transmission of localized electromagnetic signals using subwavelength periodic microstructures. This can be applied in antennas and planar electromagnetic devices for recording and processing information.

Congratulations to Artem on this achievement! We wish him inspiration for further successes and accomplishments!



## At Karazin University, a lecture by Maria Takhtaulova titled "Ukrainian Second World War: How We Remember" took place









Educational events at Karazin University represent a magical blend of science, culture, and education, covering popular topics and addressing current issues!

Today, all interested individuals had the opportunity to delve into the topic of changing paradigms in Ukrainian memory culture of the Second World War, together with the head of the Northeastern Division of the Ukrainian Institute of National Memory, Maria Takhtaulova.

At the beginning of the lecture, Ms. Maria noted how pleasant it was for her to be back within the walls of her Alma Mater and to have the honor of being not a student but a lecturer.

In the introductory part, the speaker discussed the specifics of the Ukrainian Institute of National Memory's activities and outlined the theoretical framework of the lecture, including concepts such as historical policy and academic history, and collective and individual memory.

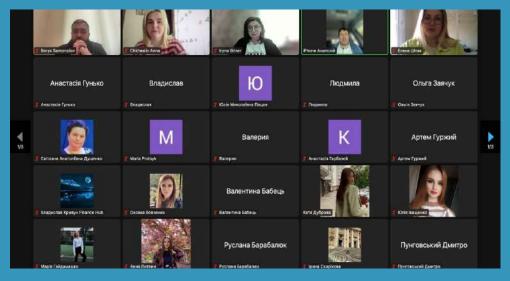
Throughout the lecture, participants examined practical examples and drew parallels between how Ukrainians remembered the Second World War in different periods and the factors influencing it. At the end of the event, all attendees had the opportunity to have their questions answered.

We are grateful to Ms. Maria for this captivating retrospective journey!

### Results of the Open All-Ukrainian Financial Literacy Tournament 2024







On May 11, a solemn award ceremony took place to honor the winners of the Open All-Ukrainian Financial Literacy Tournament 2024, organized annually by the Karazin Banking Institute.

- Among the tournament organizers were:
- State Scientific Institution "Institute for Modernization of Educational Content";
- Ministry of Education and Science of Ukraine;
- Public Organization "Business Club Partner";
- Kharkiv Banking Union.

In 2024, 130 teams from various regions of Ukraine registered to participate in the tournament. During the competition, teams not only demonstrated their expert knowledge of financial literacy but also showed their ability to apply it in practice.

## The Students Secured the Second Place at the International Competition of Student Research Paper in Marketing





Students of the School of Economics clinched victory in the II stage of the International Competition of Student Research Papers in Marketing 2023–2024, organized by the State University of Intellectual Technologies and Communication.

Second-degree diplomas were awarded to 2nd-year students of the educational program "Marketing," Daniil Brazhnyk and Anna Didenko.

The academic supervisor of the student research paper on the topic "Promotion of the Company Brand in Social Media (SMM)" was Associate Professor of the Department of Marketing Management and Entrepreneurship at the School of Economics, Viktor Rozhko.

The research paper is dedicated to the issue of promoting the company brand in social media with the aim of enhancing the overall competitiveness of the company.

Congratulations to the students on their achievement!

### Simulation of the European Union Summit within the walls of Karazin University







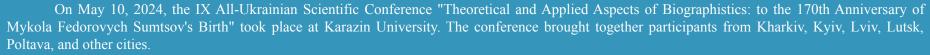
On May 10th, a summit simulation of the European Union took place at Karazin University aimed at promoting Ukraine's European integration efforts, familiarizing participants with the principles and peculiarities of the EU's functioning, and developing hard and soft skills in diplomacy, politics, economics, journalism, and the art of debate.

The summit was organized by the School of International Economic Relations and Tourism Business and was dedicated to celebrating Europe Day. Within this event, the faculty conducted a diplomatic simulation game for anyone interested in diplomacy and international relations. Moreover, this summit marked the first event within the Karazin Diplomatic Community project.

Approximately 100 individuals participated in the event, including students, 10th and 11th-grade school students, postgraduates, professors, and all interested parties. Each attendee took part in offline sessions of three sections and played a specific role at the summit as a representative of one of the 27 EU member countries.

### All-Ukrainian Scientific Conference "Theoretical and Applied Aspects of Biographistics: Commemorating the 170th Anniversary of Mykola Fedorovych Sumtsov





The event was dedicated to the memory of the prominent historian, ethnographer, museum worker, graduate, and professor of Kharkiv University, who made an invaluable contribution to the study of the material and non-material cultural heritage of Slobozhanshchyna.

The conference was co-organized by the Department of Ukrainian Studies of the School of Philosophy and the Center for Ukrainian Studies and Local Lore named after Academician P.T. Tronko.

At the plenary session, the participants were greeted by the Chair of the conference organizing committee, Dean of the School of Philosophy, Professor Ivan Karpenko. He thanked the team of organizers for the event and emphasized its significance for the study of the history and culture of Sloboda Ukraine.

Deputy Director of the Center for Ukrainian Studies and Local History named after Academician P.T. Tronko, Olha Vovk, reminded the audience of the words of Mykola Sumtsov, which remain relevant today: "The best way for political, national, and social revival should be the broad path of general education, science, and its dissemination throughout all layers of society."

https://karazin.ua/en/news/vseukrainska-naukova-konferentsiia-laguo-teoretychni-ta-pry-2/

### The Online Meeting "Admission to Master's Programs 2024" took place at Karazin University





We continue to pave the way for university admissions together with our prospective students!

An online meeting "Admission to Master's Programs 2024" was held at Karazin University, where all those

interested in obtaining a master's degree were able to get answers to their questions in a live broadcast.

The Secretary of the University's Admissions Committee, Sergii Yeltsov, and the Chairman of the Student Council, Mykita Kucherov, discussed the admission conditions for master's programs, necessary documents, registration in the electronic cabinet, application submission, exam format, and more.

#### Karazinites have been Awarded Scholarships by the Cabinet<sup>®</sup> of Ministers of Ukraine for Young Scientists





Despite challenging times for Ukraine, our scientists are working hard!

Representatives of the Education and Reserch Institute "School of Physics and Technology," Olga Zhitnyakivska and Ulyana Tarabara, are among the 264 scientists recommended by the Ministry of Education and Science of Ukraine and selected to receive scholarships.

The scholarships were awarded by the Decree of the Presidium of the Committee for the National Prize of Ukraine named after Boris Paton on May 8, 2024. They are awarded to support scientists who successfully conduct scientific research, carry out relevant scientific and technical developments, and have already achieved recognized results.

We congratulate the scholarship recipients, wish them new scientific successes and discoveries!

### Karazinites Have Completed the Translation of Educational Materials on Controlled Thermonuclear Fusion







Professor Igor Hirka from the Department of Applied Physics and Plasma Physics, in collaboration with Associate Professor Inna Afanasyeva, has successfully completed the translation of the fourth module of educational materials on controlled thermonuclear fusion into Ukrainian. These materials are intended for secondary schools and consist of methodological advice for teachers, readers for students, and presentations. They are designed to promote a deeper understanding of the topic of controlled thermonuclear fusion, which is one of the most modern and promising fields of physics.

The original English-language version of the materials is available on the FuseNet Association website, which includes Karazin University.

The translated materials are available at the following links:

- Website of the Institute of Physics and Technology
- National Contact Point EURATOM in Ukraine

This initiative is an important step in the development of education, providing students with access to current and high-quality educational resources.

## The Scientific Forum "Innovative Science in Medicine: Interdisciplinary Approach" took place at Karazin University







At 11 a.m. on May 15th in Kharkiv. Less than a day has passed since the last shelling of the city. However, Kharkiv residents, scholars of Karazin University, and competent experts of the region have already gathered within the university walls to hold the scientific forum "Innovative Science in Medicine: Interdisciplinary Approach."

Today, more than ever, we understand the importance of medicine and the urgent need to overcome its challenges. During wartime, basic knowledge of first aid saves lives, innovative technologies help preserve limbs, and consolidating efforts with other sciences will help overcome the challenges in a country at war.

One of the main goals of the forum is to find answers to the challenges facing Ukraine today through an interdisciplinary approach. Because it is the unity at regional, national, international, and scientific levels that will produce the results our country needs.

The Rector of Karazin University, Tetyana Kaganovska, emphasized that the enemy will not be able to ruin our plans. And the best response to it is not allowing science to stop, not letting it take away even one day of our productive lives. Right now, all our scientific achievements are needed for our country, our victory, and our future.

#### Presentation "Ukrainian Engineering Pedagogics Academy" of Karazin University: New Opportunities for Education





During a working visit to the Kharkiv region, the Deputy Minister of Education and Science of Ukraine for Digital Development, Digital Transformation, and Digitalization, Dmytro Zavhorodniy, met with the heads of vocational (vocational-technical) education institutions. The main purpose of the meeting was to discuss and present new initiatives in the field of education.



Special attention was paid to the presentation of the Educational and Scientific Institute "Ukrainian Engineering Pedagogics Academy" of Karazin University. During the visit, the facilities in the institute's building and its future laboratories were inspected.

The institute's work will enable the training of highly qualified specialists for various sectors, thereby contributing to the development of Ukraine's economy.

Science Day: Names of Karazinites in Scientific Discoveries

Університет відзначає...





May's third Saturday is a significant day for anyone who has ever been involved in science. Today, Ukrainians celebrate Science Day — a holiday established to support the initiatives of prominent scientists, research institutions, as well as professional associations in Ukraine.

The scientific achievements of Kharkiv and other Ukrainian scientists are inexhaustible. Even today, on the 815th day of the full-scale russian invasion, we prove to the world that science cannot be stopped! Unyielding researchers spread knowledge, make discoveries, and work fruitfully in the fields of science and education, nurturing new generations of scientists.

Karazin University sincerely congratulates the community on Science Day! We wish that every day is filled with new experiences and vivid emotions. May ideas never cease, and may your achievements be duly appreciated not only by Ukraine but by the whole world!

On the occasion of the holiday, we have prepared a collection of renowned scientists from Karazin University who have left an indelible mark on the world of science.

#### Roundtable "The Phenomenon of Collaborationism: An Interdisciplinary Approach"







On May 17, a roundtable was held at Karazin University, during which university scholars discussed the issue of collaborationism from various scientific perspectives.

The role of science is to provide answers to current issues. In the context of Russia's full-scale invasion of Ukraine, the issue of collaborationism has gained new significance. We can counter this phenomenon only by paying attention to it and seeking ways to address it. This is exactly what the university scholars engaged in.

The moderator of the meeting was the university's Vice-Rector, Oleksandr Holovko, who welcomed the participants and highlighted the opportunities available to Karazin researchers: "An interdisciplinary approach allows us to realize the enormous potential of our university, as we cover almost all scientific fields. We can unite and create teams for a comprehensive and thorough examination of any problem."

#### The International Project "DAAD Ukraine Digital in Times of Crisis 2024





The implementation of the virtual component of the international project "Ukraine Digital in Times of Crisis 2024" has commenced at Karazin University (with the support of the German Academic Exchange Service).

The project has a significant impact on both lecturers and students, offering new educational opportunities, scholarship support for students studying at Karazin University, real academic mobility for lecturers, and much more.

The lecturers for the 2024 project include representatives from various schools: School of International Economic Relations and Travel Business: Olena Mykolenko, Natalia Danko; Karazin Banking Institute: Valeriya Baranova, Irina Denchyk, Anna Chkheailo; School of Economics: Larisa Teshova; School of Sociology: Alina Kalashnikova.

The lecturers offer 7 English-language courses:

- International Business in Digital Economy;
- Digital Branding;
- Organizational Design;
- Financial Services for Business;
- Critical Global Issues;
- Risk Management;
- Building Resilience in Organizations.

This spring, 25 students have joined the study of three English-language courses with a scholarship of 600 euros.

Since 2022, the project has been implemented at Karazin University through collaboration with Professor Ewald Mittelstadt from the University of Applied Sciences South Westphalia (Germany) and Professor Claudia Wipke from the Karlsruhe University of Education (Germany).

Since 2022, more than 25 lecturers from Karazin University have participated in the project, over 100 students have become scholarship recipients, receiving a total of 60,000 euros in financial support to continue their studies at the university during the war. Over 350 students have enrolled in the study of 27 courses.

#### International Scientific and Practical Conference "Current State, Problems, and Prospects of Business

Development, Financial-Credit, and Accounting **Systems**": Summary

Despite the war and shelling, scientific life continues in Kharkiv! On May 17, Ukrainian and international scientists participated in the IV International Scientific and Practical Conference "Current State, Problems, and Prospects of Business Development, Financial-Credit, and Accounting Systems," organized by the Karazin Banking Institute on the occasion of Science Day.

The Conference Proceedings included over 100 papers from scientists representing more than 30 higher education institutions, research institutes, and organizations from various parts of Ukraine.

The conference aimed to discuss scientific and practical issues related to business, financial-credit, and accounting systems. The researchers engaged in friendly discussions on:

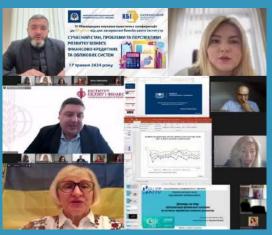
- The transition from fiat money to central bank digital currency;
- Forecasting economic indicators using artificial intelligence;
- Greening the financial system as a modern paradigm of sustainable development;
- Monitoring the efficiency of managing the economic security mechanism of business entities;
- Risk management systems in analyzing strategies for building a personal investment portfolio under uncertainty:
- Using data mining methods for vessel selection in optimizing logistics and transport systems;
- Digitalization of the country and its impact on economic development. Karazin University continues to operate and organize events despite any conditions because

science cannot be stopped!









Karazin University Holding the Event "The Magic of Books - the Magic of Science, or One Day with







V. N. Karazin Kharkiv National University continues to actively engage school students in science!

On May 18th, an event dedicated to Science Day titled "The Magic of Books - The Magic of Science, or One Day with Albert Einstein" took place, with over 50 students from Kharkiv schools participating.

The participants learned about scientific achievements that have significantly impacted the world and discussed a range of topics, including:

- Why Kharkiv is considered the city of physicists;
- Understanding nature and opening doors to new technologies;
- A new approach to training modern physicists;
- Kharkiv and extraterrestrial civilizations;

Albert Einstein"

• The possibility of time and space travel: the perspective of a physicist and a philosopher.

These topics were covered by representatives from Karazin University, including Volodymyr Poida and Oleh Lazarenko (School of Physics), Mykola Dubinin (School of Radio Physics, Biomedical Electronics, and Computer Systems), Vadym Kaidash (Research Institute of Astronomy), Ivan Karpenko (School of Philosophy), and Pylyp Kuznetsov (Education and Research Institute of "Physics and Technology").

The students not only met the city's most renowned scientists and researchers but also visited exhibitions at the central scientific library and took a tour of the astronomy museum. The tours were conducted by Natalia Prots (Central Scientific Library), Lidiya Opanasenko, and Dmytro Stankevich (Research Institute of Astronomy).

At the end of the event, the students enjoyed an exciting quiz prepared by Karazin University members, along with prizes from the university's primary trade union organization, presented by Anatoliy Holtvyanskyi.

Discover more about the fascinating world of science and discoveries at Karazin University!

Faculty Members of the School of Foreign Languages Completed the "Phonetics for Teaching English Pronunciation" Course from the University of York (United Kingdom)





Faculty members of the School of Foreign Languages completed an 11-week online course "Phonetics for Teaching English Pronunciation," specially designed by the Department of Language and Linguistic Science at the University of York for Karazin University.

The course aimed to enhance the qualifications of the faculty members in the field of English phonetics and to prepare a new English pronunciation course for first-year students of the School of Foreign Languages.

As part of the "Unity" project, implemented jointly with the University of York, representatives of the Department of Language and Linguistic Science — Sam Hellmuth, James Chantry, and Marina Kantarutti — specifically developed this course. It combined an introduction to English phonetics with an overview of key theories and research in the phonology of English as a second language, as well as practical ideas and principles for teaching English pronunciation in professional English classes. The course also featured a guest lecture by Professor Richard Ogden, author of the renowned monograph "An Introduction to English Phonetics" (2009).

The next step was to invite two faculty members from the Department of English Philology and Methods of Teaching Foreign Languages to the University of York for advanced training courses. Upon completion of the 5-week course, Karazin University faculty members will receive the Trinity Certificate in Teaching English to Speakers of Other Languages (CertTESOL).

At the end of the online course, Professor Sam Hellmuth remarked: "It was a pleasure to get to know our colleagues from Ukraine during this practical training course. We were impressed by their thirst for knowledge and the resilience with which they engaged in the course while simultaneously teaching their own programs online. The course they have developed for their students is just the beginning of our future collaboration."

## The All-Ukrainian Online Mathematics Olympiad for School Students was held at Karazin University





From October to December 2024, the All-Ukrainian Online Mathematics Olympiad for school students was held at Karazin University.

In the first (remote) round, 980 participants solved the problems. The second (remote) round featured 126 winners of the first stage.

The final (in-person) round took place on December 27, 2024, where the best of the best — 68 students — competed across nine locations in Ukraine and abroad: Kyiv, Kharkiv, Lviv, Odesa, Vinnytsia, Karachyn, London, Munich, and Krakow.

Now, the jury will review the results and determine the winners. May our dream come true: that in 2025, we can invite all the finalists of the Mathematics Olympiad to Kharkiv, to Karazin University!



The All-Ukrainian online Mathematics Olympiad hosted by Karazin University supports equal access to quality education, develops the potential of young people, and fosters skills for lifelong learning.

### The International School of Pedagogical Mastery "Education 4.0 and Pedagogical Excellence"

From December 16 to 20, the Ukrainian Engineering and Pedagogics Academy hosted the fifth International School of Pedagogical Mastery, "Education 4.0 and Pedagogical Excellence," organized by the Department of Information and Computer Technologies and Mathematics and the Center for Innovative Educational Technologies. Approximately 300 educators, trainers, researchers, and administrators registered for the event, with 90 to 130 participants attending online master classes.





The school was supported by the Public Union "Association for the Development of Professional and Lifelong Education," the project "Strengthening the Capacity of Ukrainian Academic Workers in Innovative Pedagogical-Psychological Education and Research" implemented by Masaryk University (Brno) with the support of the Ministry of Foreign Affairs of the Czech Republic, Erasmus+ project CRED4TEACH ("Microcredentials Based on MOOCs for Professional Development of Educators"), and Erasmus+ project UA-Talent-UP ("Development of Entrepreneurial, Creative, and Intercultural Competencies for Quality Teaching in Ukraine"). Participants gained exposure to new platforms, services, and advanced AI and digital technologies in education. They were also encouraged to complete individual assignments and submit them to the organizing committee. As a result of the program, all attendees will receive certificates and invaluable experience in emerging educational and scientific trends. They are now better equipped to adopt new developments from international higher education institutions.

The format of the international school promotes the exchange of experience, best practices, and pedagogical innovations between Ukrainian and foreign educators, thereby enhancing the quality of education in Ukraine.

#### Representatives of Karazin University Participated in the Final Meeting of the 4EU+ for Ukraine Project in Warsaw, Poland





On December 10–11, 2024, representatives of the International Relations Department, Daria Rashchupkina and Tetiana Psota, visited the University of Warsaw.

Together with participants from Taras Shevchenko National University of Kyiv and Ivan Franko National University of Lviv, they took part in training sessions on effective communication with stakeholders in both university and international environments.



Additionally, the representatives acquired new skills in ensuring equal opportunities for participants in the educational process through an informative training on developing and implementing equality policies in higher education institutions.

The trainings help develop skills for effective communication with international partners, expanding Karazin University's opportunities for collaboration, knowledge exchange, and innovation.

### Karazin University is Proud to Announce the Opening of an Innovative Teacher Training Center in 2024 — the Teachers' Academy Education and Research Institute





In 2024, Karazin University opened a unique innovative space — the Teachers' Academy, an educational and research institute. This is not just an educational center but a true hub of ideas, technologies, and solutions that will transform the face of Ukrainian education. We have combined the best of both worlds — Karazin's centuries-old traditions with innovative approaches that prepare educators for the future.



The Teachers' Academy creates conditions for the development of modern, innovative-thinking educators capable of providing quality education to students of all ages.

ere, students gain competencies that not only meet modern challenges but set new standards. The Teachers' Academy prepares teachers who will become change leaders, inspire their students, and shape a new generation of Ukrainians. The learning format? Cutting-edge! We have integrated online and offline methods, achieving a balance between theory and practice, flexibility and quality.

The Academy's motto — "Nurturing Inspirational Educators" — is not just a slogan. It is our goal, our mission, our value! Once again, Karazin University sets the bar high and invites everyone to transform Ukrainian education together!