




KHALEL DOSMUKHAMEDOV ATYRAU UNIVERSITY





Innovations in education and practice-oriented learning Atyrau University named after H. Dosmukhamedova actively implements modern educational approaches focused on practical training of specialists and integration of education with the needs of economic sectors.

One example is the seminar "Trends and innovations of the fishing industry 2025", which discussed issues of dual education, dual degree programs, the introduction of artificial intelligence in fisheries and the prospects for the development of scientific research. Special attention was paid to the training of specialists who are able to work effectively in the context of the technological transformation of the industry.

Practice-oriented learning is also implemented through students' meetings with employers and representatives of government organizations. The open day at the Zhaiyk-Caspian Basin Inspection allowed future ecologists and fisheries specialists to familiarize themselves with the specifics of their professional activities and the requirements of the industry.



International cooperation and academic mobility

Atyrau University named after H. Dosmukhamedova consistently expands international cooperation, creating additional educational and scientific opportunities for students and teachers. The University actively cooperates with foreign universities and international organizations, participates in educational exhibitions and academic forums.

As part of the development of international relations, official meetings were held with the Asian International University (Uzbekistan) and Baku Eurasian University (Azerbaijan), as well as a visit by a university delegation to Azerbaijan. Representatives of the University took part in the international educational exhibition in China and the IV Forum of the Eurasian Network University.

An important area of support for talented youth is the Heydar Aliyev International Scholarship, awarded annually to the best students of the university. The ongoing initiatives contribute to the development of academic mobility, strengthening international partnerships and improving the quality of education.







Scientific research and innovative activity of students

Atyrau University named after H. Dosmukhamedova actively engages students in research and project activities, creating conditions for the development of research, innovation and entrepreneurial competencies.

University students successfully present their projects at competitions and forums of various levels. In particular, the students took part in the JasSpace Project Challenge 2024 innovation project competition, where they presented a project in the field of environmental innovation and sustainable development, winning a prize. The students also participated in the International Environmental Forum of the Caspian Littoral States, where, together with participants from different countries, they developed initiatives to preserve the ecosystem of the Caspian Sea. A significant contribution to the development of research culture is made by the Ecos environmental circle, whose members develop innovative projects in the field of waste recycling, bioplastics production and the creation of environmentally friendly materials. A number of student initiatives have received support in the startup format and are aimed at solving urgent environmental problems in the region.



Student achievements and talent development

University students successfully represent the university at national and international educational venues. The university team won a prize in the quarterfinals of the International Collegiate Programming Contest (ICPC), the students won the republican intellectual TV project "Azamat", and the projects "BIZSTART" and "Game-Up" were recognized as the best at the XIII International Championship of Start-Up projects "Youth and Entrepreneurship".

The high results of the students are also confirmed by their participation in international forums, scientific competitions, debate tournaments and academic mobility projects, which contributes to the development of leadership skills, research skills and professional competencies.





Teacher training and professional development



Atyrau University named after H. Dosmukhamedova pays special attention to the development of pedagogical skills and continuing education. Educational seminars and trainings on modern educational technologies, digital tools, gamification, 21st century skills development and innovative teaching methods are regularly held for teachers and future educators. Practical training of future teachers is carried out through the projects "Pedagogical Workshop", implemented jointly with the Nazarbayev Intellectual School of Atyrau, and "PROF step: curation and mentoring", organized jointly with the gymnasium school No. 41 named after Abish Kekilbayuly. In addition, the university implements teacher retraining programs aimed at training specialists for the region's education system.

FUTURE STEPS TOWARDS ACHIEVING SDG 4



Atyrau University named after H. Dosmukhamedova will continue to work on improving the quality of education, expanding international cooperation and developing an innovative educational environment in accordance with the principles of Sustainable Development Goal 4 "Quality education".

Among the priority areas of development:

- expansion of academic mobility programs for students and teachers;
- strengthening cooperation with foreign universities and international educational organizations;
- development of inclusive education and further improvement of the Daryn Resource Center;
- support for students' research activities and development of student startup projects;
- introduction of modern digital technologies and innovative teaching methods;
- expansion of pedagogical retraining and advanced training programs for teachers;
- development of practice-oriented learning through interaction with employers and social partners.

By implementing these areas, the university strives to provide affordable, high-quality and modern education that promotes the development of human capital, the training of competitive specialists and the formation of a knowledge society.