



DEAR APPLICANTS!

The Faculty of Geography and Environmental Sciences has become the premier center for training highly qualified professionals who meet modern challenges. The scientific directions in which research is being conducted are priority ones within the framework of national security and sustainable development of our country.

A three-tiered sustainable accredited training system, joint educational programs were well underway, and curricula for double-diploma education have been developed and approved (USCO, joint educational programs, Erasmus +, etc.).

The scientific work of the faculty is carried out in close cooperation with the leading universities of the neighboring CIS countries and worldwide. On the basis of partnerships with leading foreign universities such as Columbia University (New York, USA), Polytechnic University of Lisbon (Portugal), International University of Nature, Society and Human «Dubna» (Russia), etc.

Innovation policy largely focuses on innovative solutions initiated by our university in recent years, supporting Kazakhstan's initiatives for the transition to a «Green Economy», is the Eurasian platform «Green Bridge through Generations», which was presented at the RIO +20 World Summit. Its main goal is to involve young people in the promotion of the Global Energy and Environmental Strategy for Sustainable Development in the 21st Century, the Green Bridge Partnership Program.

Every year, successful graduates are wanted in the most important and prospective spheres of the labor market, in a wide variety of areas of state and local government, science, education, business, and overseas (USA, Germany, Australia, Austria, Poland, and other countries).

I look forward to meeting you and wish you good luck on your way to enroll in the Faculty of Geography and Environmental Sciences!



DEAN OF THE FACULTY
doctor of geographical
sciences, professor
SALNIKOV VITALIY
GRIGORIEVICH



OUR GRADUATES ARE OUR PRIDE!

The Faculty of Geography and Environmental Sciences of the Al-Farabi Kazakh National University was opened in 1948. At that time, the faculty was called geological-geographical, as it consisted of the departments of geology and geography. In 1960, due to the closure of the geology department, the name was changed to geographic. Currently, the faculty is an educational institution that meets all high requirements and international standards.

Throughout the history of its development, the Faculty has trained about 6 thousand specialists in the field of geography, ecology, tourism, including well-known geographers, meteorologists and hydrologists of the countries of near and far abroad, ecology specialists, cartographers and tourism managers.

Faculty graduates carry out their activities in:

- Departments and subordinate organizations of the Committee for Land Management of the Ministry of Agriculture of the Republic of Kazakhstan, departments and branches of the State Corporation "Government for Citizens" NJSC, land relations departments of local executive bodies; organizations for nature protection and environmental management;
- Committees of environmental regulation and control of the Ministry of Environment and Water Resources of the Republic of Kazakhstan;
- Organizations using military-industrial complexes, GIS technologies and methods of remote sensing of the Earth;
- Bodies for hydrometeorology and environmental monitoring of the Republic of Kazakhstan;
- Regional administrations and departments of tourism, national parks, tourist institutions of the Republic of Kazakhstan;
- Subordinate organizations and departments of the Ministry of Emergency Situations;
- Construction organizations in the direction of industrial, civil and transport construction;
- Regional departments of state architectural and construction control, mining enterprises, research institutes and subordinate organizations of the Committee of Geodesy and Cartography of the Ministry of Digital Development, Innovation and Aerospace Industry;
- Research institutes and subordinate organizations of the Committee for Construction and Housing and Communal Services of the Ministry of Industry and Infrastructure Development.



OUR PRIDE IS OUR GRADUATES!



Abdulin Aytmukhamed

Kazakh Soviet geologist, Doctor of Geological and Mineralogical Sciences, Professor, Academician of the National Academy of Sciences of the Republic of Kazakhstan



Olzhas Suleimenov

Russian-speaking Kazakh poet, public figure, linguist, politician, leader of the Nevada-Semey movement against the use of nuclear weapons.



Skakov Amangeldy

Doctor of Geographical Sciences, Director General of the Republican Research-Production and Information Center «Kazecology».



Medeu Akhmetkal

Doctor of Geographical Sciences, Academician of the National Academy of Sciences of the Republic of Kazakhstan, Director of the Institute of Geography and Water Security LLP



EDUCATIONAL PROGRAMS

The Faculty of Geography and Environmental Sciences provides licensed educational activities in accordance with the compulsory education standard and licensed educational activities based on practical educational programs in accordance with the requirements of employers.

Specialists are trained in a three-level training system, joint educational programs and curricula for double-diploma education have been developed and are being implemented (USCOS, joint educational programs, Erasmus +, etc.).

The MDP Master in Sustainable Development program was implemented in conjunction with the MDP program of Columbia University (USA). The MSc in Sustainable Development is a two-year undergraduate program created in conjunction with Columbia University's Earth Institute MDP program and based on a world-class university curriculum to better understand and perceive global sustainable development issues such as: UN activities, environmental issues, environmental protection, climate change, and energy. The program is implemented on the basis of the Al-Farabi Kazakh National University and was created to train young professionals capable of becoming leaders of the 21st century in Kazakhstan and on the international arena.

The faculty consists of 5 departments:

1. Department of Geography, Land Management and Cadastre.
2. Department of Cartography and Geoinformatics.
3. Department of Meteorology and Hydrology.
4. Department of Recreational Geography and Tourism.
5. UNESCO Chair for Sustainable Development.

BACHELOR

B052 Earth Science

- 6B05205 – Geography
- 6B05203 – Hydrology
- 6B05204 – Meteorology

B051 Environment

- 6B05211 – Ecology
- 6B05201 – Geoecology

B0073 Urban planning, construction works and civil engineering

- 5B071100 – Geodesy and Cartography
- 6B07302 – Geoinformatics
- 6B07303 – Land management
- 6B07304 – Cadastre

B111 Services

- 6B11101 – Tourism
- 6B11103 – Restaurant and hotel business

B112 Sanitary and preventive measures

- 6B11201 – Life safety and environmental protection
- 6B11202 – Environmental Engineering (New Educational program)



MASTER'S DEGREE

M052 Earth Science

- 7M05205 – Geography
- 7M05204 – Geospatial Environmental Management
- 7M05205 – Energy Diplomacy (Ural Federal University)
- 7M05206 – Hydrology
- 7M05207 – Meteorology
- 7M05214 – Geoinformation Cartography (New Educational program)
- 7M05215 – Geomorphology and geodynamics of the Earth crust (New Educational program)
- 7M05219 – Geomatics and Spatial Planning (New Educational program)

7M087 Environmental Technology

- 7M05211 – Ecology
- 7M05213 – Ecology and Nature Management (BelSU)
- 7M05209 – Geoecology and Environmental Management
- 7M05208 – Geoecological design (RUDN University)
- 7M05210 – Natural and technogenic risks
- 7M05216 – Environmental Soil Science (New Educational Program)

M015 Training of teachers of geography

- 7M01505 – Geography (teacher training in natural science subjects)

M073 Urban planning, construction works and civil engineering

- 7M07301 – Geodesy
- 7M07303 – Cartography
- 7M07302 – Geoinformatics
- 7M07306 – Geoinformatics (SSU, USA)
- 7M07304 – Land management
- 7M07305 – Cadastre
- 7M07307 – Big Data in Geodesy (New Educational program)

M111 Services

- 7M11101 – Tourism
- 7M11102 – Tourism (RUDN University)
- 7M11103 – Tourism (BelSU)
- 7M11104 – Management of hotel and restaurant business / «43.04.01. Service» (BelSU) (Restaurant and hotel business) (Restaurant and hotel business)
- 7M11105 – Tourism

M112 Sanitary and preventive measures

- 7M11201 – Life safety and environmental protection
- 7M11202 – Management and audit of complex safety in the industry
- 7M11203 – Technosphere Safety (SUSU)

PhD DOCTORATE

D052 Earth Science

- 8D05202 – Geography
- 8D05203 – Hydrology
- 8D05204 – Meteorology



- 8D05208 – Geoinformation Cartography (New Educational program)
- 8D05209 – Geomorphology and geodynamics of the Earth crust
(New Educational program)
- 8D05210 – Geomatics and Spatial Planning (New Educational program)
- D087 Environmental Technology**
- 8D05207 – Ecology
- 8D05205 – Geoecology and environmental management
- 8D05206 – Natural and technogenic risks
- D015 Training of teachers of geography**
- 8D01503 – Geography (teacher training in natural science subjects)
- D073 Urban planning, construction works and civil engineering**
- 8D07301 – Geodesy
- 8D07302 – Geoinformatics
- 8D07303 – Cartography
- 8D07304 – Land management
- 8D07305 – Cadastre
- D111 Services**
- 8D11101 – Tourism
- 8D11102 – Tourism and Hospitality (Restaurant and hotel business)

Department of Geography, Land Management and Cadastre.

The spheres and objects of professional activity of the graduate of the geographer include: design, research, production, research institutes; organization of nature protection and environmental management; general education, secondary vocational and higher educational institutions, departments and subordinate organizations of the Committee for Land Management of the Ministry of Agriculture of the Republic of Kazakhstan, departments and branches of the State Corporation "Government for Citizens" NJSC, land relations administrations of local executive bodies.

Department of Cartography and Geoinformatics.

The sphere and objects of professional activity of the graduates of the department includes the branches of the economy, military-industrial complexes, civil and industrial buildings and structures, state organizations in the field of land management, organizations using GIS technologies and methods of remote sensing of the Earth, etc., oil-producing corporations, mining corporations solid minerals, land and cadastral departments, specialized research institutes, service companies, subordinate organizations of the Ministry of Emergencies.

Department of Meteorology and Hydrology.

The sphere and objects of professional activity of the graduate is the divisions of the National Hydrometeorological Service; scientific centers, academic and research institutes related to the study of the atmosphere and hydrosphere; Departments of the Ministry of Ecology, Geology and Natural Resources and the Ministry of Emergency Situations; sectoral environmental management bodies; airports; enterprises and organizations related to the monitoring of the environment, climate change and water resources.

Department of Recreational Geography and Tourism.

The sphere and objects of professional activity of the graduates of the



department includes tourism and the hospitality industry, as well as science, education, government regulation and other areas of human activity, directly or indirectly related to tourism and hospitality, in organizations such as: Committee of the Tourism Industry under the Ministry of Culture and Sports of the Republic of Kazakhstan, Kazakhstan Tourism Association and the Kazakhstan Association of Hotels and Restaurants, JSC NC «Kazakh Tourism», State Institution «Tourism and External Relations Department of Almaty City», State National Natural Parks of Kazakhstan, UNWTO, UNDP, and etc.

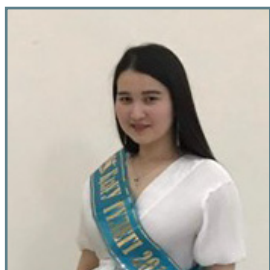
UNESCO Chair for Sustainable Development.

The sphere of professional activity of the graduates of the department includes design, research, production and technological, outsourcing, organizational and management activities in the departments of urban ecology; regional, district, city departments for emergency situations; departments and subordinate organizations of the Committee for Environmental Regulation and Control of the Ministry of Ecology, Geology and Natural Resources of the Republic of Kazakhstan; Committee for Atomic and Energy Supervision and Control of the Ministry of Energy of the Republic of Kazakhstan; Emergency Situations Committees of the Ministry of Internal Affairs; State Agency «KazMudflowProtection» Ministry of emergency situations; in companies for the extraction and processing of natural resources; specialized research institutes; design organizations in the field of ecology, technosphere safety, sustainable development and «green economy».



For a young person, who has just entered adulthood, the choice of university and specialty are of a great importance. Along with the choice of a profession, the faculty and teachers you have chosen are also important. Since they will be ones who make a huge contribution to you obtaining a holistic and complete education, the formation of you both as professionals and as individuals. My choice of the Faculty of Geography and Environmental Sciences, as well as studying there, are my personal achievements. As a result of constant support from the heads of the faculty and teachers, I became a professional, a person striving for all-round development.

Burlibayeva Shugyla, 3 course PhD student, Geodesy



Al-Farabi Kazakh National University Department of Recreational Geography and Tourism became the starting point for me in my education and the first steps in my career, as I was able to find a job at a travel agency after finishing my bachelor's degree and then enter the master's program. As a master's student in the specialty «Tourism», today, I believe that the main advantage of the university, including the department, is excellent teachers, high-quality education and help «always and in everything».

I also studied at the University of Janos Kodolani (Hungary) for one semester as part of the Erasmus + academic mobility program, where I was convinced that the knowledge we received at our university is not inferior to foreign universities. In subsequent years, she participated in research work within the framework of the project «Development of the cultural path in the CIS within the framework of the Great Silk Road brand» in Moscow, received a presidential scholarship, and was a speaker at the Republican round table on the topic: «Prospects for the development of domestic tourism in the event of a pandemic», now I am a co-executor of a scientific project under the Ministry of Education and Science of the Republic of Kazakhstan «Ensuring the sustainable development of national parks of Kazakhstan through the territorial organization of ecological tourism», within which I am writing a master's thesis.

Kaliyeva Aida, 1st year master student, specialty «Tourism»



СТУДЕНЧЕСКАЯ ЖИЗНЬ

There are student self-governments at the faculty, such as student council, student maslikhat and student trade union organization "Sunkar". Nonresident students are provided with a hostel.



Competition for the best student group



Environmental flash mob



Nauryz holiday



Tourist all-around competition





FOREIGN EXPERIENCE



Salzburg, Austria



International Scientific Conference Winners



Moscow, Russia



Istanbul, Turkey



Scientific conference winner



Athens, Greece



STUDENT ORGANIZATIONS

Youth of Al-Farabi Kazakh National University is not only the young people who have a passion for their university in their eyes, but also the one who has the fire of desire to conquer any heights in a separate world!

Student life should be remembered with vivid memories, interesting moments. Only at the university can these goals be achieved. The university is a space for young people to realize their ideas, a continuous network of future young specialists. The faculty is an environment of true friends, a place full of unforgettable discoveries, amazing moments. All this warm atmosphere, the treasury in the youth of KazNU!





THE INTERNATIONAL COOPERATION

International cooperation at the faculty is aimed at:

- stimulation of mutually beneficial cooperation;
- exchange, as well as employees, but also undergraduate, graduate, doctoral students;
- organization of refresher courses;
- development and implementation of joint educational programs, including those providing for the issuance of double diplomas, as well as curricula;
- organizing academic meetings and symposia;
- joint research activities.
- publication of scientific papers in periodicals of the partner university;
- exchange of scientific information;
- attraction of leading scientists for the scientific leadership of PhD doctoral students at the partner university.

