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**SAKEN SEIFULLIN
UNIVERSITY**



**SAKEN SEIFULLIN
KAZAKH AGROTECHNICAL
UNIVERSITY**

**BRANDBOOK
2020**

LEARN TO BE A PROFESSIONAL TOGETHER WITH US!

The Saken Seifullin Kazakh Agrotechnical University (hereinafter KATU) is the largest university of agricultural and technical profile in Northern and Central Kazakhstan.

Today our university is one of the leaders of the national higher education and, starting from 2012, it is among 800 leading universities of the world according to the international ranking QS and for the first time in its history took the second place in the national ranking of universities among 20 top universities of Kazakhstan in 2020, and according to the rating of "Atameken" is the leader among agricultural universities.

Since 2014, KATU has been implementing a new strategy to reform into a modern Western-type agricultural research university in Kazakhstan.

The active work is carried out currently in cooperation with the partner university, UC Davis University (USA), which holds the 1st and the 2nd places in the world in agricultural sciences and veterinary medicine. In cooperation with leading professors - consultants from UC Davis, the program of transformation of KATU into a research university in the field of agriculture has been developed. New Master's degree programs have been introduced in the educational process. To strengthen the practical training of students at the university, on the recommendation of professors from UC Davis, 5 technological platforms have been created.

Also, we are working with AgroParisTech University and consortium Agreenium (France) to develop joint educational programs in three areas: "Plant Protection", "Animal Science" and "Soil Science", with the recognition the diploma issued to the students of KATU by AgroParisTech in 5 years.

If you want to take a demanded specialty that guarantees a stable income - our doors are open for you!

Start writing your success story today and become a part of 70,000 families of our graduates, including members of the Senate and Majilis of the Parliament of the Republic of Kazakhstan, heads of leading enterprises and other prominent figures of the Republic of Kazakhstan!

Sincerely yours,
K. Aituganov
Dr. of Econ. Sc.
Chairman of the Board
of NC JSC "S.Seifullin Kazakh
Agrotechnical University"



THE UNIVERSITY TRAINS SPECIALISTS IN DIFFERENT FIELDS AT 7 FACULTIES:



AGRONOMY
FACULTY



FACULTY OF LAND MANAGEMENT,
ARCHITECTURE AND DESIGN



FACULTY OF COMPUTER SYSTEMS
AND VOCATIONAL EDUCATION



FACULTY OF VETERINARY SCIENCE
AND LIVESTOCK TECHNOLOGY



TECHNICAL
FACULTY



FACULTY
OF ECONOMICS



ENERGY
FACULTY



**SAKEN SEIFULLIN
UNIVERSITY**



KATU is a member of the Great Charter
of Universities (Magna Charta Universitatum)

KATU is a member of Central Asia and South
Caucasus Consortium of Agricultural
universities for Development (CASCADE)



NUR-SULTAN CITY

KATU is located in the capital of Kazakhstan, in the city of Nur-Sultan.

Nur-Sultan is a modern and young city that is attractive for tourists and comfortable for residents and guests of the capital of Kazakhstan, with a favorable environment.

Five kilometers from the modern Nur Sultan, the medieval settlement of Bozok was discovered, which could rightfully be called the millennial predecessor of the capital of Kazakhstan.

Almost two hundred years ago, in the 30s of the 19th century, the city of Akmolinsk emerged in these steppes on the site of the Akmola village, which served as a military, commercial and economic center.

With the development of virgin lands in the 60s of the last century, the city of Akmolinsk was renamed Tselinograd. In 1992, the city returns the historical name Akmola.

With the acquisition of the status of Kazakhstan's capital on May 6, 1998, the city receives the name of Astana, which means "Capital". Therefore, the ancient city of skilled craftsmen, skilled traders and hardworking farmers became the center of state, social and cultural life of the new, democratic sovereign Kazakhstan.

On March 23, 2019, the new president of Kazakhstan, Kassym-Zhomart Tokayev, signed a decree on renaming Astana in honor of the country's first president, Nursultan Nazarbayev, and the city received the name Nur-Sultan. The spelling was done through a hyphen, and the new name is translated as "the light of power, the bright ruler" (the word "nur" in Kazakh means "light", and "Sultan" means "power, ruler").

Today, Nur-Sultan is not only a large administrative center of Kazakhstan, located at the inter-section of the main development networks of the country, this is a leading city that sets the tone in the innovative development of Kazakhstan; the city that acts as a locomotive of transformations in Kazakhstan of the new millennium and tourist pearl in the steppes.





MISSION OF THE UNIVERSITY



It is the generation, implementation, dissemination and application of advanced knowledge to improve the quality of life, increase labor productivity and competitiveness of the agro-industrial complex and other sectors of the economy of Kazakhstan.





UNIVERSITY POSITIONING IN INTERNATIONAL, NATIONAL AND REGIONAL RATINGS:

- ✔ 1st place in the ranking of the National Chamber of Entrepreneurs "Atameken" on the quality of educational programs in the agricultural sector
- ✔ 2nd place in the National rating of HEIs of the Republic of Kazakhstan
- ✔ 5th place by the number of awarded state educational grants among higher education institutions of Kazakhstan



INTERNATIONAL COOPERATION

200

Agreements and contracts with universities of near and far abroad in the field of science and education

80

Academic mobility and foreign internships per year

150

Visiting foreign professors

9

EU Erasmus+ CBHE projects

15

EU Erasmus+ ICM projects

4

Agreements on the passage of the annual 6 months agricultural practices in leading farms and enterprises in Germany, France



THE MAIN SCIENTIFIC DIRECTIONS OF THE UNIVERSITY

1

Precision Farming

7

Plant Protection and Quarantine

2

Digitalization in Livestock

8

Veterinary Medicine

3

Deep processing
of Agricultural Raw Materials

9

GIS and Remote Sensing
for Solving Applied Problems
in Agriculture

4

Creation of New Varieties
of Grain, Oilseeds and
Vegetables

10

Traditional Heat and Power
Engineering

5

Reproduction
of forestry in Northern
and Central Kazakhstan

11

Information
Technology

6

Mechanization of Agriculture

12

Big Data Processing and the
use of Artificial Intelligence
Methods

OUR ACHIEVEMENTS



✔ According to the order of the Head of State, we are creating the first world-class research university in Kazakhstan in the field of agriculture.

✔ Our partners are 215 of the world's leading research universities and research centers, including the University of California in Davis (USA), AgroParisTech and Agreenium (France), and others.



✔ Our students have the opportunity to study and obtain diplomas in foreign universities through a double degree program.

✔ GIS Technology Center, Artificial Intelligence Center, Big Data Center, Veterinary Clinic and Biotechnology Research Institute function in KATU.

✔ Experimental production workshops for the processing of meat and dairy products, and the production of vegetable oils, as well as a training and production mini-bakery where students receive practical skills and produce various new food products with their own hands, have been created and are functioning at the technical faculty

✔ The campus is a unified campus network of 8 student dormitories, a student health clinic, a pharmacy and a social shop at low cost to students.



OUR ACHIEVEMENTS

- ✔ There is an educational and health complex in the Borovoye resort area.
- ✔ The university includes A.I. Barayev Scientific and Production Center of grain farming, A.N. Bukeikhan Kazakh Research Institute of Forestry and Agromelioration, Kazakh Research Institute of Processing of Agricultural Products, North Kazakhstan Agricultural Experimental Station.



DOUBLE DIPLOMA PROGRAMMES:

✔ Master's degree in "Agricultural Management", University of Applied Sciences Weihenstephan, Germany, takes 170th place in the ranking of German universities in 2020.

✔ Master's degree in "Information Systems", "Computer Science and Software" in English, University of Milan, Italy, takes 320th place and is among the top 400 in 2020 according to the QS rating.

✔ Master's degree in "Soil Science", "Plant Protection", "Animal Science", AgroParisTech, France ranks 4th in the sub-ject rating in the field of agriculture and forestry.



MULTILINGUAL EDUCATION

✔ Since 2012, KATU, among the first 20 universities of the Republic of Kazakhstan, has been implementing a program of multilingual education as a triune process of training, education and personal development based on the simultaneous mastery of several languages.

✔ An important indicator of the effectiveness of the implementation of the Multilingual Education Program at KATU is the increase in educational programs and the contingent of students of multilingual groups who have the skills and abilities of intercultural communication.

✔ According to the programs of higher and postgraduate education, training in multilingual groups is now conducted at 7 faculties in 68 specialties with the aim of language training of specialists of a new formation, capable of communicating with foreign partners and possessing international qualificatio.

✔ In total, 120 lecturers are involved in multilingual groups, who teach classes in English and develop the skills of self-study, responsibility, multiculturalism, tolerance and other important qualities of modern personality, along with professionally oriented knowledge and practice.

PROGRAMS IN ENGLISH:

6M070300 Information Systems	Information systems and technologies	2 years
6M012000 Vocational Training	Agroindustrial complex mechanization	2 years
6M050700 Management	Agribusiness Management	2 years
6M051100 Marketing	Marketing in the agricultural sector	2 years
6M070100 Biotechnology	Immunobiotechnology	2 years
6M080100 Agronomy	Breeding and seed production	2 years
6D120100 Veterinary Medicine	Scientifically based methods for the diagnosis, treatment and prevention of animal diseases at the present stage of development of veterinary medicine	3 years

INFORMATION ON KATU ACADEMIC STAFF AND STUDENTS

13000+

Students at three levels
of education
bachelor / master / doctoral

800+

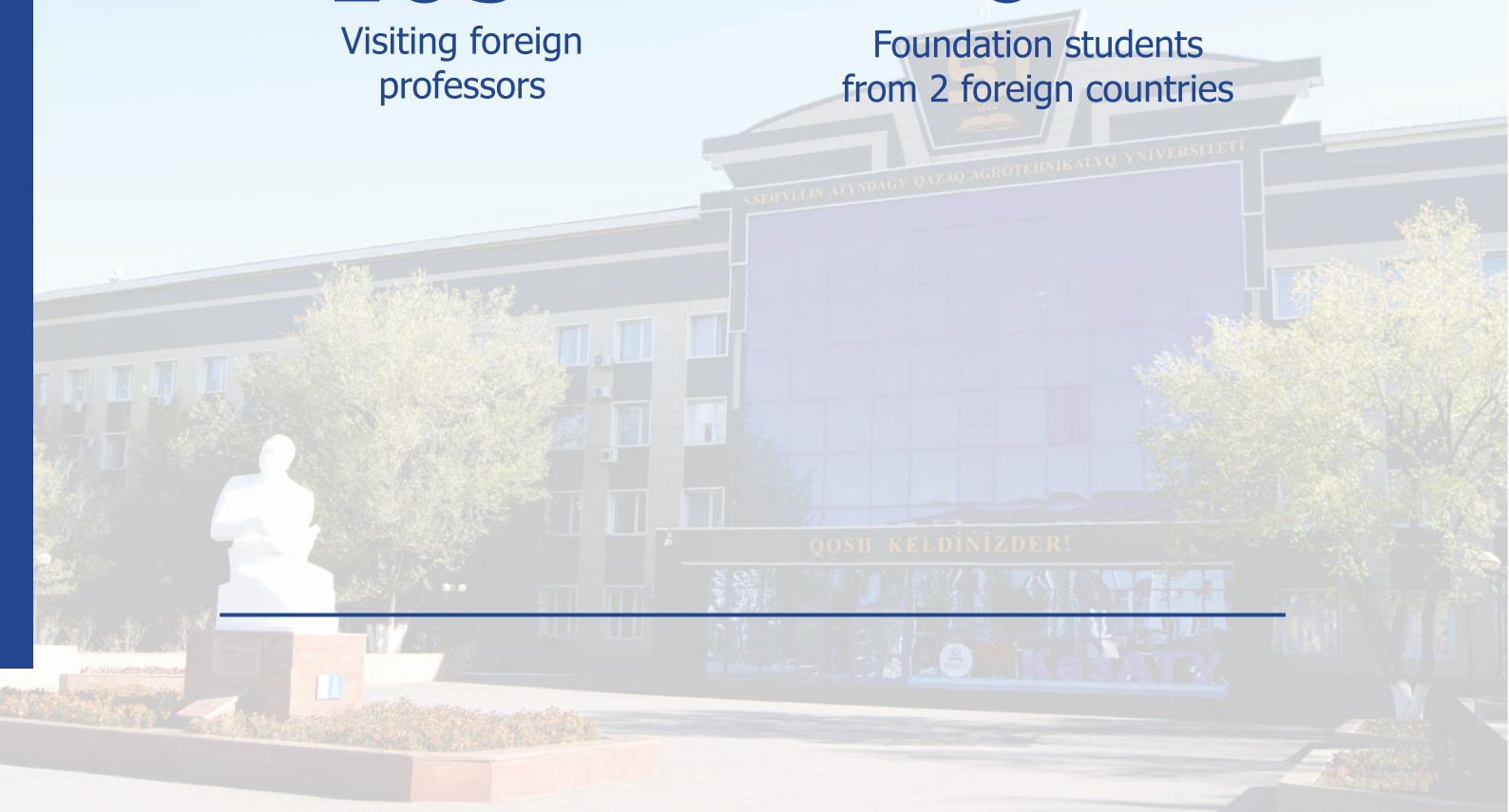
Teaching staff: PhD - 67,
doctors of science - 81,
candidates of science – 345

105+

Visiting foreign
professors

6+

Foundation students
from 2 foreign countries



GROUPS OF BACHELOR EDUCATIONAL PROGRAMS

6B05103 Biology (Educational program developed jointly with professors of AgroParisTech, France)

Graduates of the Biology educational program will master the methods of molecular genetics, cell biology, biochemistry, biophysics, bioinformatics, as well as in-depth knowledge of the natural and information sciences and the English language.

Areas of professional activity of graduates are:

- management (education departments, organizations for landscaping, ecology, etc.);
- science (research organizations by profiles: botany, zoology, physiology, ecology, soil science, genetics, molecular biology, biotechnology, etc.);
- organizational and technological activities in biological production facilities (sanitary and epidemiological stations, plants for processing plant and animal products, etc.).

Work with professors of AgroParisTech



GROUPS OF BACHELOR EDUCATIONAL PROGRAM

Agronomy Faculty

B051 - Environment (agroecology, nature management)

B077 - Crop production (agronomy, selection and seed growing, soil science and agrochemistry, phytosanitary safety)

B079 - Forestry (landscaping and gardening, protective afforestation)

Faculty of Veterinary Science and Livestock Technology

B050 - Biological and related sciences (biology, biotechnology, agricultural biotechnology)

B078 - Livestock breeding (livestock production technology)

B079 - Forestry (hunting and fur farming)

B083 - Veterinary medicine (veterinary safety, food safety)

B080 - Fisheries (aquaculture and aquatic bioresources)

Technical Faculty

B064 - Mechanics and metalworking (technological machines and equipment, mechanical engineering)

B065 - Motor vehicles (transport, transport equipment and technologies)

B068 - Food production (food technology)

B076 - Standardization, Certification and Metrology (by industry - standardization, certification and metrology)

B081 - Land Management - Agroengineering (agroengineering)

B183 - Agroengineering (agroengineering)

B095 - Transport services (organization and safety of traffic, logistics in transport)

Faculty of Land Management, Architecture and Design

B031 - Fashion, interior design and industrial design (design)

B046 - Finance, economics, banking and insurance (appraisal)

B073 - Architecture (architecture)

B074 - Urban planning, civil works and civil engineering (geodesy and cartography)

B075 - Cadastre and land management (cadastre and land management)

Faculty of Computer Systems and Vocational Education

B007 - Training of teachers of artwork and drawing (vocational education)

B057 - Information technology (computer engineering, software engineering, business informatics)

GROUPS OF BACHELOR EDUCATIONAL PROGRAM

Energy Faculty

B059 - Communications and communication technology (radio engineering and electronics, telecommunication networks and systems)

B062 - Electrical engineering and power engineering (thermal power engineering, heat and gas supply, ventilation and eco-engineering in agriculture, electrical engineering, electric power)

B063 - Electrical engineering and automation (automation and energy efficiency of processes and production)

B081 – Land Management, Agroengineering (agricultural energy supply)

Faculty of Economics

B044 - Management and Administration (business management and entrepreneurship)

B045 - Audit and taxation (accounting, audit and tax consulting)

B046 - Finance, economics, banking and insurance (finance, economics of modern business, financial analytics)

B047 - Marketing and advertising (digital marketing)

GROUPS OF MASTER EDUCATIONAL PROGRAMS

Agronomy Faculty

- M131 - Plant growing (agronomy, agricultural technology, selection of field crops, vegetable growing of the protected soil)
 - M133 - Forestry (forest resources and forestry)
-

Faculty of Veterinary Science and Livestock Technology

- M082 - Biological and related sciences (biotechnology)
 - M132 - Animal husbandry (livestock production technology)
 - M133 - Forestry (hunting and fur farming)
 - M138 - Veterinary medicine (veterinary medicine, veterinary sanitation)
 - H134 - Intensive fish farming
-

Technical Faculty

- M103 - Mechanics and metalworking (mechanical engineering)
 - M104 - Transport, transport equipment and technologies (transport, transport equipment and technologies)
 - M111 - Food production (food technology)
 - M130 - Standardization, Certification and Metrology (by industries- standardization and certification)
 - M136 - Motor vehicles (agricultural engineering, precision farming)
-

Faculty of Land Management, Architecture and Design

- M043 - Fashion, interior design and industrial design (design)
 - M077 - Appraisal
 - M122 - Architecture
 - M123 - Geodesy
 - M128 - Land Management
-

Faculty of Computer Systems and Vocational Education

- M008 - Training of teachers of vocational education (vocational education)
- M094 - Information technology (information systems, computer engineering and software)

GROUPS OF MASTER EDUCATIONAL PROGRAMS

Energy Faculty

- M096 - Communications and Communication Technology (radio engineering, electronics and telecommunications)
 - M098 - Heat Power Engineering
 - M099 - Energetics and Electrical Engineering and (electric power industry)
 - M100 - Automation and control
 - M135 - Energy supply for agriculture
-

Faculty of Economics

- M070 - Economics
- M072 - Management and Administration (management)
- M073 - Audit taxation (accounting and audit)
- M074 - Finance, Economics, Banking, and Insurance (finance)
- M075 - Marketing and advertising (marketing)

GROUPS OF PHD EDUCATIONAL PROGRAMS

Agronomy Faculty

D137 - Crop production (agronomy, genetics and breeding of agricultural crops, organic farming, soil science and agrochemistry, protection of plant quarantine)

D139 - Forestry (forest resources and forestry)

Faculty of Veterinary Science and Livestock Technology

D138 - Livestock (livestock production technology)

D139 - Forestry (hunting and fur farming)

D144 - Veterinary medicine (veterinary medicine, veterinary sanitation)

Technical Faculty

DM103 - Mechanics and metalworking (mechanical engineering)

D104 - Transport, transport equipment and technologies (transport, transport equipment and technologies)

D111- Production of products (food technology)

D130 - Standardization, certification and metrology (by industry: standardization and product quality management)

D136 - Motor vehicles (agricultural engineering)

Faculty of Land Management, Architecture and Design

D078 - Evaluation

D128 - Architecture

D129 - Geodesy

D134 - Land management

Faculty of Computer Systems and Vocational Education

D008 - Training of vocational education teachers (vocational training)

D099 - Information technology (information systems, computing and software)

Energy Faculty

D100- Automation and control

D104 - Thermal Power

D105 - Energetics and Electrical Engineering and (electric power industry)

D135 - Energy supply for agriculture

Faculty of Economics

D070 - Economics

D072 - Management and Administration (management)

D073 - Audit and taxation (accounting and auditing)

D074 - Finance, Economics, Banking, and Insurance (finance)

D075 - Marketing and advertising (marketing)



MILITARY DEPARTMENT



The department began to conduct military training since October 1958.

The department's work is aimed at training reserve officers for the Armed Forces of the Republic of Kazakhstan from among students who have deep theoretical and practical knowledge, skills and high professional qualifications, in accordance with the requirements of the training program for

reserve officers from among university students in military accounting specialties.

Military training at the military department is carried out in two cycles in four military accounting specialties:

- Combined arms cycle: VUS-021000 "Combat use of combined arms units, parts and formations"; VUS-590200 "Topographic work".

- Automobile cycle: VUS-560201 "Operation and Repair of Multipurpose Automotive Equipment"; VUS-261001 "The use of automotive units, parts and compounds of combined arms".

- Nowadays, the military department is equipped with a competent faculty, which consists of 19 officers. All officers have extensive military experience, military education and are consistent with their full-time mission.



STUDENT LIFE

To reveal their creative abilities, students can enroll in the faculty of arts and creativity in the following areas:

Student Theater "Ak Zhelken»

Vocal studio

Vocal group

Dance Ensemble "Shattyk»

National Instrumental Ensemble "Shabyt»

Team of the Club of Cheerful and Resourceful "KazATU kuramasy»

Students can join the following interest teams and clubs:

Liga togyzkumalak

Chess League

Basketball League

Volleyball League

Football League

"Order Servants" Group

"Altyn Belgi" Association of Owners

7 Sector Fan Club

Debate Club "Amanat"

Club "New press"

Talk show club "Zhas tolkyn"

Club "Koshbasshy"

Club of girls "Symbat"

Club of instrumentalists "Empire of music"

Intellectual debate club "Elite"

Club "Business and entrepreneurship"

Club "IT-specialists"

Club of guitarists "NIRVANA"

Club for the formation of a healthy lifestyle "SAU BOLAYYK"

Club "Sheber Kolonershiler"

Modern dance group "Arrow crew"

Club "ART KazATU"

Club "MassMedia KazATU"

Club "Sources"

Philosophical club "Abay"

Club "Dostyk"

Philosophical club "Tanym"

Club "Young talents"

"In Search of Wisdom" Club

"Socium and Youth" Club

"Miras" Historical and Educational Club

Literary and creative club "Kalamger"

Club "Young philologist"

Club "Shanyrak"

Literary lounge

Club of lovers of the French language

Club of lovers of the German language

Club of lovers of the English language

Club of professional conversational English



ENROLLMENT PROCEDURE INFORMATION

Admission of foreign citizens to study at universities on a paid basis is carried out according to the results of an interview conducted by admissions committees during the calendar year (August).

Documents in a foreign language are provided with a notarized translation into Kazakh or Russian.

Documents on education issued by foreign educational organizations go through the nostrification procedure in the manner prescribed by the legislation of the Republic of Kazakhstan after enrolling people within 1 (first) academic period of study.

The procedure for admission of foreign citizens to study

1. Submission of documents.
2. Interview.
3. Conclusion of a contract for training, tuition fees.
4. Provision of medical documents.
5. Student enrollment.
6. Migration registration.

Foreign citizens who arrived in the Republic of Kazakhstan at the official invitation of the Ministry of Education and Science of the Republic of Kazakhstan, as well as on their own, on a guest or tourist visa, are allowed to interview. Foreign citizens arriving in the Republic of Kazakhstan, in order to enter the university, are required to comply with applicable law, the rules of stay of foreign citizens in the Republic of Kazakhstan.

Acceptance of documents is carried out within the time period stipulated by the Model Rules for admission to study at educational organizations that implement educational programs of higher education.

Acceptance of applications for the exam in the form of interview (foreign citizens)

<http://kazatu.kz/ru/on-line-priem-dokumentov/priem-zayavleniy-na-ekzamen-v-vide-sobesedovaniya-inostrannie-grajdane/>

Online registration for creative exams for undergraduate and graduate courses

<http://kazatu.kz/ru/on-line-priem-dokumentov/on-line-registraciya-na-tvorcheskie-ekzameni/>

<http://kazatu.kz/ru/on-line-priem-dokumentov/on-line-registraciya-na-tvorcheskie-ekzameni-magistraturi/>

Online application for admission (higher education, master, doctoral studies)

<http://kazatu.kz/ru/on-line-priem-dokumentov/online-zayavlenie-na-zachislenie-visshee-obrazovanie/>

<http://kazatu.kz/ru/on-line-priem-dokumentov/online-zayavlenie-na-kompleksnoe-testirovanie-magistratura/>

<http://kazatu.kz/ru/on-line-priem-dokumentov/online-registraciya-na-ekzameni-doktoranturi/>

Online grant competition application

<http://kazatu.kz/ru/on-line-priem-dokumentov/online-zayavlenie-na-konkurs-grantov/>



CAMPUSES:

1. Nur-Sultan - the main building
2. International village - Veterinary Clinic
3. Shchuchinsk city - educational-scientific-industrial complex "Sary-Arka»
4. Tselinograd district - Scientific and experimental field work campus
5. Club of professional conversational English «Green future»



Welcome to our university!



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