

KAZAN FEDERAL UNIVERSITY PRESENTATION



KAZAN UNIVERSITY: DEVELOPMENT MILESTONES









Ruthenium discovered by Karl Claus

Ruthenium Ru 101.07

1917

1844

1804

Executive Order signed by Emperor Alexander I



KAZAN STATE **UNIVERSITY** Soviet Academy of Science evacuated from Moscow and Leningrad. In 1944, Yevgeny discovered Zavoisky paramagnetic resonance.

> Kazan University was awarded the highest national labour merit - Order of Red Banner

1941-1945 1930

Renovation of university infrastructure

1930 1932

1930

1945-1959

1954

1955

Kazan Institute of Chemical Technology

Kazan Medical Institute

Alexander Tupolev Kazan Aviation

Institutes of the Kazan Research **Center of the Soviet Academy of Sciences**

Federal Kazan University was established and started implementing large-scale development programs

Kazan State Institute of Economics and Finance Was awarded Order

of the Badge of Honour

2010

1979

Kazan State

Institute of

Finance

Badge of

Honour

Economics and

Was awarded

Order of the

of Merit for Tatarstan



PRIORITY-2030

2021

2019



KAZAN FEDERAL UNIVERSITY 2010 - 2021

2012



2012









Kazan State Institute of Economics and Finance



KAZAN FEDERAL UNIVERSITY



Tatar State University of Humanities and Education



Elabuga State Pedagogical University





Academy of Public Administration



Kama Academy of Engineering and Economics



Kazan Branch of the Russian University of Economics



KAZAN FEDERAL UNIVERSITY 2010 - 2021





















2013

2020

Lobachevsky Lyceum









University School of Yelabuga



SCIENTIFIC AND ACADEMIC STRUCTURE OF KFU







Natural Sciences

- ☐ Institute of Fundamental Medicine and Biology
- ☐ Institute of Environmental Sciences
- ☐ Institute of Geology and Petroleum Technologies
- □ Alexander Butlerov Institute of Chemistry
- University Clinic

Branches

- □ Naberezhnye Chelny Institute (engineering profile)
- ☐ Yelabuga Institute (humanitarian and pedagogical profile)

Physics, Mathematics, IT

- □ Nikolay Lobachevsky Institute of Mathematics and Mechanics
- ☐ Institute of Physics
- ☐ Institute of Computer Mathematics and Information Technologies
- ☐ Institute of Information Technology and Intelligent Systems
- ☐ Institute of Engineering

School ad Pre-school Education

- ☐ Lobachevsky Lyceum
- ☐ IT Lyceum
- ☐ University School of Yelabuga
- «My vmeste» (We are together) Kindergarten

Social Sciences and Humanities

- ☐ Institute of International Relations
- ☐ Faculty of Law
- ☐ Institute of Philology and Intercultural Communication
- ☐ Institute of Social and Philosophical Sciences and Mass Communications
- ☐ Institute of Psychology and Education
- ☐ Institute of Management, Economics and Finance
- ☐ Institute of Design and Spatial Arts
- ☐ Higher School of Public Administration
- ☐ Higher School of Business
- ☐ Faculty of Advanced Training for Teachers
- ☐ Preparatory school for international students







52 000 students

10 500 international students from 101 countries

16 institutes
2 higher schools, 2 branches
2 lyceums, 1 school, kindergarten,
University clinic

334 bachelor degree programs,
20 specialist degree programs,
259 master degree programs,
95 post graduate programs
16 advanced professional education programs

372 partners from 70 countries

9 500 employees, academic staff – appr. 4000 Average age of the academic staff member – 43 Average salary of the academic staff member – 87 500 rub.

> 910 thousand m² infrastructure 415 laboratories 704 real estate items 120 landplots (245 ha)



SUBJECT RANKINGS. THE WORLD UNIVERSITY RANKINGS









2015 2016 2017 2018 2019 2020 - - 5 7 8 9

the number of KFU subject rankings

Education	90
Arts and Humanities	301-400
Physics	301-400
Business and Economics	301-400
Social Sciences	401-500
Life Sciences	401-500
Medicine	501-600
Engineering and Technology	601-800
Computer Science	601-800

THE University Impact Rankings **201-300**

«Quality Education» № 36 «Decent Work and Economic Growth» № 97 «Provision of Access to Justice» № 75



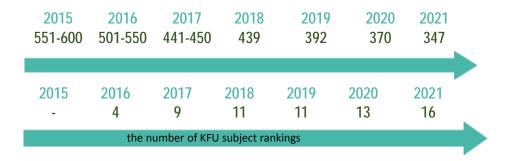
Agricultural Science 401-500

SUBJECT RANKINGS. QS WORLD UNIVERSITY RANKINGS













Oil and Gas Technologies	51-100
Education	101-150
Linguistics	151-200
English Language and Literature	201-250
Modern Languages	251-300
Mathematics	251-300
Economics and Econometrics	301-350
Arts and Humanities	343

Physics and Astronomy	351-400
Chemical Engineering	351-400
Social Sciences and Management	395
Natural Sciences	401-450
Biological Sciences	401-450
Chemistry	401-450
Business and Management Studies	451-500
Computer Science	501-550



STRATEGIC PROJECTS OF KAZAN FEDERAL UNIVERSITY









SP1 «Genomic and post-genomic technologies for preserving health and increasing biological literacy for sustainable development of society»



SP2 «Russian Energy Transition: Balancing Natural Potential and Global Trends»



SP3 «Digital «genomics» of materials»



SP4 «Metaplatform solutions for IT, artificial intelligence and cyber-physical systems»



SP5 «Creation of a complex of evidentiary technologies and platform solutions to improve the quality of human potential in the face of new socio-economic challenges»



MODEL OF PRIORITY PROJECT IMPLEMENTATION









Supporting institutes

Institute of **Fundamental** Medicine and Biology

- The area driver
- Specialist training
- Setting goals to supporting institutes
- The area supervision
- Key performance indicators for research and educational projects

Institute of Chemistry Institute of **Physics**

Engineering Institute

Institute of Philology and Intercultural Communication Faculty of Law

- OPEN LABS
- MIRROR AND MUTUALLY SUPPORTING LABORATORIES
- Department of Medical Chemistry
- Research and Academic Centre for **Pharmaceutics**

Department of Medical **Physics**

Medical equipment production Neuro- and clinical linguistics

Medical law







NEW SPACES for commercialization of scientific developments, contributing to the

formation of new industries (new labor market)

University technopark



Location: on the territory of the Kazan Expo International Exhibition

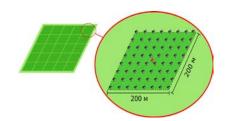
Centre (near to the Kazan Airport) **Area Size:** 18 755 square meters

Advantages: large area, convenient logistics, ready for service infrastructure, Innopolis Special Economic Zone preferential terms **Administration company:** KFU based ANO Innovation Development

and Technology Transfer Centre

March 6, 2021 – During the visit to Kazan Federal University Dmitry Chernyshenko, Deputy Prime Minister of Russia endorsed the idea of creation of the 8th pilot project of the Carbon Proving Ground System on the KFU basis. He also instructed to work on the creation of university technoparks as the places for commercialization of the scientific research results contributing to new fields creation.

Carbon polygon (farm)





Dmitry Chernyshenko in KFU



3.

PROJECTS AND PROGRAMS



Over 32 billion rubles

200 new laboratories and





Priority 2030

Raised from different sources

Founded

12 Centers of excellence

Development of export potential of the Russian educational system

Pharma-2020

Higher education institutions as centers for innovations

Training program for specialists with advanced knowledge in History and Culture of Islam

Research and development in the priority areas of the scientific and technological complex of Russia for 2014-2020

Grant for updating the instrument base of leading organizations, within the framework of the Federal project "Creating advanced infrastructure for research and development in the Russian Federation"

5-100 Project

Grant for the implementation of state support for the foundation and development of world-class national centers carrying out priority research and studies within the framework of the Federal Project "Development of research and scientific-industrial cooperation"

KFU as a participant of priority federal projects

Grant for establishment of the Advanced Educational Scientific Center on the basis of the KFU «IT Lyceum» Boarding School (600 mln rub, 2021-2023)

KFU won 17 competitions in mega grants

Won the competition for the foundation of a regional mathematical center



INTERNATIONAL COOPERATION







486 cooperation agreements with 372 partners from 70 countries * * * * * * 6

Lead partners form TOP-300 QS and THE rankings















Strategic Partners













Main Industrial Partners

























29 International Academic Associations and Unions































Corporate 24-hour UNIVERSMOTRI TV-channel of KFU (Full HD format) is included in TV packages of all major Russian providers

24-hour student internet radio UFM

Basic content – popular research and education programs and lectures of leading scientists and specialists in Russian, English and Chinese languages;

Total audience of education and cultural education programs is more than 1,7 mln people.











10 museums (humanities, technical and natural sciences)

1 mln depository items

10 exhibition projects every year

35 thousand annual visitors







SOCIAL INFRASTRUCTURE















About **14 000** international students and students from other cities live in the dormitories of KFU





11 sports venues



KFU PRESCHOOL INSTITUTIONS AND SCHOOLS









Lobachevsky Lyceum



«My vmeste» (We are together) Kindergarten





IT-Lyceum



University school in Yelabuga



















KFU is the only Russian university with up-to-date digital planetarium, astronomical observatories in Turkey and Russia.







Establishment of the center for scientific and educational activities of the Republic of Tatarstan on the basis of the KFU Botanical Garden is one of the main priorities of Kazan University.



THANK YOU FOR ATTENTION!

Kazan Federal University 18 Kremlyovskaya street Kazan 420008, Russian Federation Phone: +7 843 206-52-89

inter@kpfu.ru