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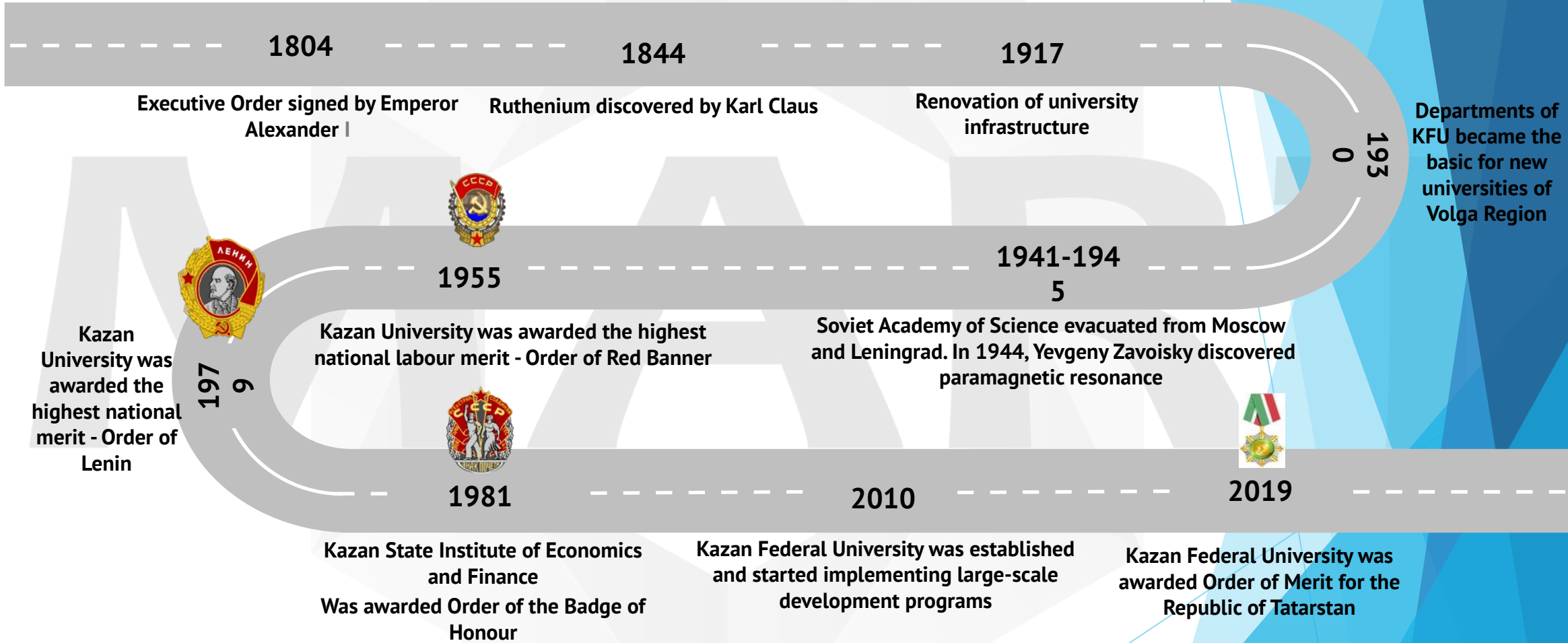
KAZAN FEDERAL UNIVERSITY (KFU)

Support for Innovative Methodology, Approaches and
Tools for Teaching through the Medium of English in
order to improve Educational Yield, Sustainability and
Internationalization [SMARTI]



General Information About KFU

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Ruthenium discovered by **Karl Claus**



1804
Executive Order signed by Emperor Alexander I



KAZAN STATE UNIVERSITY

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1917
1930
Renovation of university infrastructure

- 1930 →
- 1930 →
- 1932 →
- 1945-1959 →

1941-1945

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

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



1955

- Kazan Institute of Chemical Technology
- Kazan Medical Institute
- Alexander Tupolev Kazan Aviation Institute



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

Kazan State Institute of Economics and Finance Was awarded Order of the Badge of Honour



1981



1979

Kazan State Institute of Economics and Finance Was awarded Order of the Badge of Honour

2010

Kazan Federal University was awarded Order of Merit for the Republic of Tatarstan



2019





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Academy of Public Administration



Medical facilities



2010



Kazan State Institute of Economics and Finance

Kazan Branch of the Russian University of Economics



2015



Kazan University



Pedagogical universities of Kazan and Yelabuga



Kama Academy of Engineering and Economics



Lobachevsky Lyceum

2013



IT-Lyceum

2012

2012

2012

2012

2020



University School of Yelabuga

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NATURAL SCIENCES UNITS

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

PHYSICS & MATHEMATICAL UNITS

- 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

HUMANITARIAN AND SOCIAL UNITS

- 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
- Higher School of Public Administration
- Higher School of Business
- Faculty of Advanced Training for Teachers

BRANCHES

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

LYCEUMS

- Lobachevsky Lyceum
- IT Lyceum
- University School of Yelabuga

KFU today Facts and figures



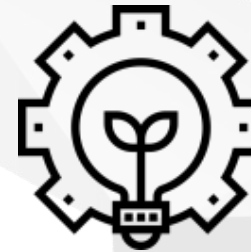
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Second **oldest**
university in Russia



14 institutes, **2** higher schools,
2 branches, **3** lyceums



415 laboratories,
University clinic



882 thousand m² infrastructure
726 real estate items
100 landplots (245 ha)



10 000 employees, incl.
4000 academic staff
Average age – 43 years



Over **50 000** students



11 000 international students
from **101** countries



372 partners from
70 countries



English – based programs

- **Bachelor Degree**
- 1) 38.03.02 Management: Economics. International Business
- **Specialist Diploma**
- 1) 31.05.01 General medicine
- In 2014 Kazan Federal University Institute of Fundamental Medicine and Biology joined the World Directory of Medical Schools and got accreditation by the World Health Organization.
- **Master Degree**
- 1) 01.04.01 Mathematics (Algebra) - Study Plan (List of disciplines)
- 2) 05.04.01 Geology (Stratigraphy of Oil and Gas Basins) - Study Plan (list of disciplines)
- 3) 05.04.01 Geology (Complex Data Analysis in Petroleum Geology) - Study Plan (list of disciplines)
- 4) 21.04.01 Petroleum Engineering - Study Plan (list of disciplines)
- 5) 38.04.02 Management: General and Strategic management* - Study Plan (list of disciplines)
- 6) 40.04.01 European and International Business Law - Study Plan (list of disciplines)
- 7) 41.04.05 International relations (Digital Diplomacy) - Study Plan (list of disciplines)
- *The interdisciplinary Master's program with Justus-Liebig University Giessen, Germany.



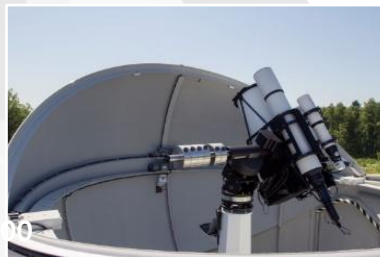
Biomedicine and Pharmaceuticals



Oil Production, Refining and Petrochemistry



Infocommunication and aerospace technologies



Complex social and humanitarian research






KFU today

World university rankings



Kazan Federal University

The QS Intelligence Unit has, through rigorous and independent data collection and analysis of performance metrics as set out in the QS Stars™ methodology, rated Kazan Federal University as a Five Stars Plus institution.



The QS Stars™ rating system is created by the QS Intelligence Unit, the independent member of the QS World University Rankings® since 2004. This system evaluates universities across a wide range of important performance indicators as set against pre-established international standards. By covering a broader range of criteria than any world ranking exercise, QS Stars™ shines a light on both the excellence and the diversity of the rated institution.

CATEGORY	STAR RATING
Teaching	★★★★★
Employability	★★★★★
Academic Development	★★★★★
Internationalisation	★★★★★
Facilities	★★★★★
Innovation	★★★★★
Intelligence	★★★★★
Program Strength: Philology	★★★★★
Overall	★★★★★



Ben Sowter - Head of QS Intelligence Unit

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by subject

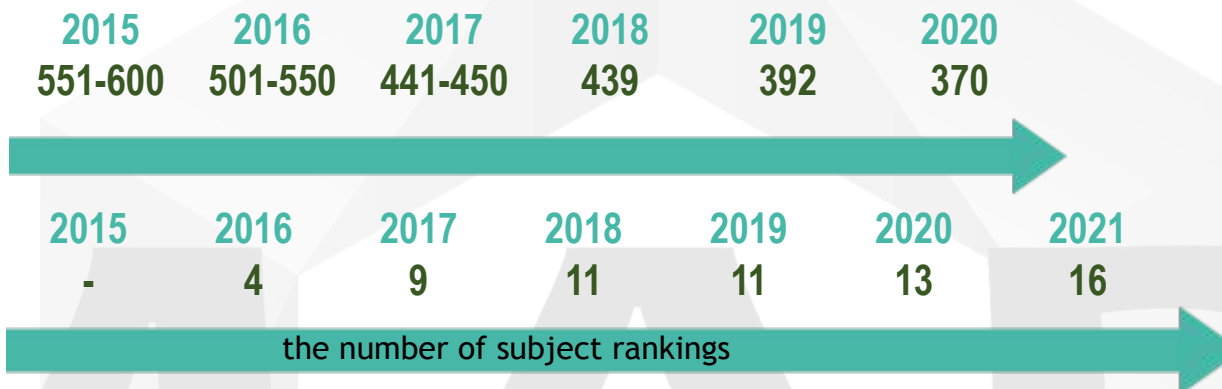
2015 2016 2017 2018 2019 2020
 - - 5 7 8 9

the number of 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



Agricultural Science
401-500



Petroleum Engineering	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

Cooperation

486 cooperation agreements with overseas partners from 70 countries



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TOP-300 in QS and THE rankings



Strategic partners



Main industrial partners



PetroChina



Schlumberger



29 international associations and networks



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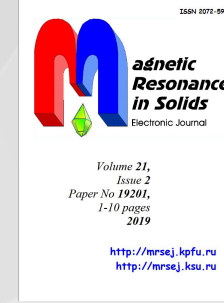
Scientific cooperation Collaborations. Publications.



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- 12 international scientific collaborations
- 25 international scientific units
- 6 scientific journals in Scopus и WoS (Mathematics, Physics, Education)



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Lyceums of KFU

Lyceums of KFU are in TOP-100 best schools of Russia in competitiveness of graduates according to the RAEX rating agency in 2019



Lobachevsky Lyceum



IT-Lyceum



University school in Yelabuga



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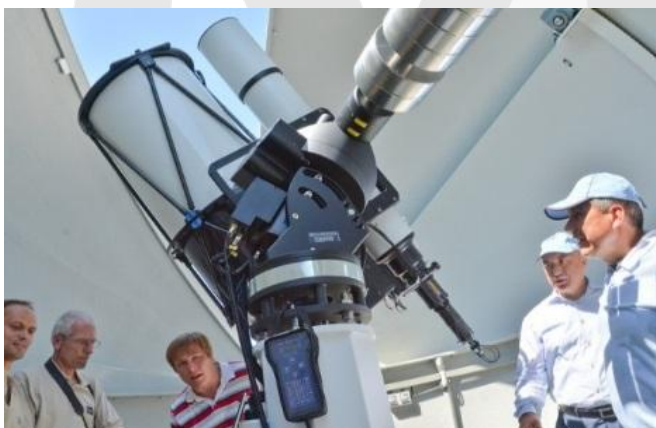




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- Modern digital planetarium with Astropark
- Unique equipment
- 90 seats



Planetarium named after pilot astronaut, twice hero of the USSR,
Alexey A. Leonov at the Astronomical observatory named after V.P.
Engelgardt, was opened on June 23, 2013



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Museum complex of KFU



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- 10 museums of humanities, technical and natural sciences in Kazan and Yelabuga
- About 1 000 000 depository items
- 35 thousand annual visitors
- 10 exhibition projects every year
- Museums serve as a learning platform
- Regular participants of international and all-Russian events



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UNIVERSITY TELEVISION “UNIVER TV”

24-hour TV-channel and
internet radio



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- Corporate 24-hour TV-channel of KFU (Full HD format) is included in TV packages of all major Russian providers
- Interinstitutional student 24-hour TV-channel UNIVER SMOTRI in Full HD
- 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.



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Social infrastructure of Kazan University Dormitories, cultural and sport centers



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



“UNICS”
Cultural and Sports Center

11 sports venues



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EMI Training Centre Action Group - Kazan Federal University

EMI SKILLS/GAPS

- ▶ KFU has a distinguished school of Physics which has 30 applicants for EMI MS program
- ▶ Courses with EMI within degree programs at Institute of foreign languages (“Linguistics”, “Pedagogical education”)

Degree Programs to be strengthened in EMI project

- ▶ Master’s program “Theoretical and Mathematical Physics ”



SMARTI PROJECT TEAM

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SMARTI PROJECT TEAM - KFU

PROJECT OFFICER ▶ Marina Solnyshkina

- *Head of Research Lab “Intellectual Technologies of Text Management”*
- *Professor of Department of Theory and Practice of Teaching Foreign Languages, Institute of Philology and Intercultural Communication, Kazan Federal University.*

QA OFFICER ▶ Tamila Buslaeva

- *an assistant teacher of The Department of Theory and Practice of Teaching Foreign Languages of Kazan Federal University*

PUBLICITY OFFICER ▶ Evgenia Bulina

- *an assistant teacher of The Department of Theory and Practice of Teaching Foreign Languages of Kazan Federal University*



EMI Training Centre Action Group

Erasmus+



EMI Training Centre Action Group - KFU

a member of Teaching staff ▶ **Sergey Sushkov**

- *Head of Department of Theory of Relativity and Gravity, Senior Research Fellow, Scientific Laboratory «Cosmology».*
- *Degrees: Dr. Sci. in Physics and Mathematics, associate professor.*

a representative of Language Center ▶ **Gulnara Aleeva**

- *Head University of Institute of Philology and Intercultural Communication of Leo Tolstoy Higher School of Russian and Foreign Philology of The Department of Theory and Practice of Teaching Foreign Languages*

a representative of International Office ▶ **Elzara Gafiyatova**

- *Head of the Department of Theory and Practice of Teaching Foreign Languages, Doctor of Philology, Associate Professor*
- *President of Kazan RegELTA, (Tatarstan Association Of Teachers Of English)*
- *NATE, member (National Association of Teachers of English, Russia)*



Kazan Federal University (KFU)

WHY DO YOU WANT TO BE IN THE PROJECT? (NATIONAL PECULIARITIES):

- 1. To start a EMI based MS in Physics that can be achieved with assistance of numerous participants.**
- 2. To receive the shared experience of the partners in EU.**
- 3. To increase the capacity in the area of Science in Physics as major actors in the process of internationalization.**
- 4. To develop a new structure and infrastructure such as a EMI learning center.**



SMART

Thank you for your attention!

Kazan Federal University

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