



“Summer University” in Kazan Federal University

Kazan Federal University (KFU) cordially invites you to participate in the "Summer University" program, scheduled for July 6–19, 2026, with the support of the Ministry of Science and Higher Education of the Russian Federation.

Founded in 1804 by Emperor Alexander I, KFU is one of Russia’s oldest and most distinguished classical universities. Over two centuries, it has served as a cradle of intellectual excellence: its alumni include literary giant Leo Tolstoy and historical figure Vladimir Lenin, while its scholars have shaped global science. Nikolai Lobachevsky revolutionized mathematics with non-Euclidean geometry; Karl Klaus discovered the chemical element ruthenium; Aleksander Butlerov laid the foundations of modern organic chemistry; and Ivan Simonov’s polar expeditions contributed to the discovery of Antarctica.

Today, Kazan Federal University (KFU) stands as one of Russia's ten federal universities and consistently ranks among the nation's top 10 higher education institutions. Bridging a distinguished 200-year heritage with cutting-edge innovation, KFU trains highly skilled professionals and drives pioneering research in fields of global strategic importance — including biotechnology, advanced oil and gas extraction, new materials science, and chemistry.

Nestled in Kazan — where Europe meets Asia and traditions blend with innovation — Kazan Federal University invites you to a transformative summer

experience. As one of Russia's top universities with more than 300 global partnerships, KFU offers a truly international environment: 13,000 students from 100 countries study here and at our campuses in Uzbekistan and Egypt.

This July, 430 talented students from 17 countries — including Russia, China, India, Brazil, Egypt, Indonesia, and more — will gather in Kazan for two weeks of learning, discovery, and connection.

What awaits you:

- Expert-led lectures & seminars from KFU professors and industry leaders
- Hands-on labs in cutting-edge research facilities
- Insider visits to top companies and KFU's industry partners
- Intensive Russian language immersion
- Global networking: collaborate, create, and connect with peers worldwide
- Unforgettable excursions: explore Kazan and Tatarstan's 4 UNESCO World Heritage Sites, and experience a unique cultural tapestry where East meets West, Islam meets Orthodoxy, and centuries-old traditions thrive alongside modern life.

Your summer of growth starts here.



Educational program

In 2026 the educational block of the "Summer University" will include seven educational tracks, some of which will be offered in English:

- Astronomy and Astrophysics: from elementary particles to the structure of the Universe (in Russian);
- Software Engineering: data, AI, digital products (in Russian);
- Business Analytics 5.1: from data to managerial decisions (in English);
- Evolution of Life: from adaptation to survival (in English);
- Hybrid Environment: Architecture, Design and Technology (in Russian);
- Hybrid Environment: Architecture, Design and Technology (in English);
- Russia Opens Its Doors (in Russian).



Track “Astronomy and Astrophysics: from elementary particles to the structure of the Universe” is presented by KFU’s Institute of Physics. Embark on an intellectual journey through space — from the birth of stars to the search for habitable worlds. Timed to coincide with the 65th anniversary of Yuri Gagarin’s historic spaceflight, this track explores the fundamental laws governing the cosmos through expert lectures, hands-on laboratory practicums, and analysis of real astrophysical data.

Participants will master key observational and analytical techniques, including spectroscopy, radio interferometry, and the operational principles of orbital observatories. A dedicated project module guides students through the complete mission lifecycle — from initial research concept to spacecraft deployment — bridging theoretical astrophysics with practical engineering.

Throughout the program, you will learn how cosmic distances are measured, trace the life cycles of stars, and decode the processes behind groundbreaking black hole imagery. Designed to cultivate scientific reasoning, Big Data proficiency, and the ability to translate complex concepts into applied solutions, this track is ideal for aspiring researchers and space professionals who look to the stars and envision humanity’s future.



Track “Software Engineering: data, AI, digital products”. Presented by KFU’s Institute of Information Technologies and Intelligent Systems. Want to build products that change the world? This track will turn you from a consumer of technology into its creator. Industry software professionals — developers, product managers, and system architects — will share best practices. Together you’ll examine how modern software systems are designed, how data workflows are built, and how AI technologies are integrated into real products. The emphasis is on contemporary engineering practice: microservices, cloud platforms, and machine learning in production. You will learn to build scalable systems that

solve real problems. This program is for future tech leads, engineers, and anyone who wants to write game-changing code.



Track “Business Analytics 5.1: from data to managerial decisions”

Presented by KFU’s Institute of Economics, Management and Finance and delivered in English.

Raw data without interpretation are just numbers — learn to turn them into strategy with analytics and AI. This track teaches the language of business: you will master designing KPI systems, integrating financial metrics, investment calculations, and ESG factors into a unified analytical model. Practical work with real datasets includes building scenario models using AI forecasting and visualizing interactive dashboards in Yandex DataLens — all aimed at decision-making that shapes a company’s future.

You will learn how machine learning algorithms uncover hidden patterns in data and how generative AI speeds up preparation of analytical reports. The program develops critical thinking and the ability to present complex analysis to management concisely. The outcome is not just a report but a ready-to-use tool for change with elements of AI automation — for ambitious analysts, future CFOs, and those who run businesses by data rather than intuition.



Track “Evolution of Life: from adaptation to survival” Presented by the Institute of Fundamental Medicine and Biology and delivered in English.

How does life survive in extreme conditions? From molecules to ecosystems, we explore biodiversity through the lens of adaptation. The program reveals evolutionary mechanisms, stress physiology, bacterial antibiotic resistance, and the phenomenon of pain. You will spend time in world-class laboratories — from molecular biology to bioinformatics. A first-aid masterclass, visits to industry partners, and a practicum on HIV prevention will complement the scientific program. Creative activities — modeling cells from everyday materials, sketching biological concepts, and scientific quizzes — make learning engaging and memorable. You will gain a foundation for careers in genetics, biotechnology, and personalized medicine. For those who believe that understanding life is the key to improving it.



Track “Hybrid Environment: Architecture, Design and Technology” (Bilingual - Russian & English) presented by: KFU Institute of Design and Spatial Arts.

The city of the future is not a utopia — it is a project that can be realized today. Using Kazan as a living case study, where rich historical heritage seamlessly intersects with modern innovation, this track explores cutting-edge approaches to

spatial design: regenerative design, computational modeling, biophilic architecture, and smart materials.

The program integrates expert-led lectures, contextual immersion through guided visits to iconic urban sites, and intensive hands-on project work. Under the guidance of experienced curators, participants will develop a comprehensive concept for transforming a real urban space — taking it from initial site analysis to a fully realized digital prototype.

Throughout the track, students will master parametric design tools, data-driven urban research methods, and core principles of sustainable development. The final deliverable is a professional-grade portfolio piece ready for academic or employment submissions. This program is designed for aspiring architects, designers, and urban planners committed to shaping livable, future-ready cities.

RU The track "**Russia Opens Its Doors**" is presented by the Institute of Philology and Intercultural Communication.

Immerse yourself in Russian culture not as a tourist but as a participant in a dialogue. This track offers a unique combination of an intensive language course and cultural immersion. You will develop speaking and writing skills through theatrical productions based on Russian literature, preparation of public speeches, and work with contemporary texts. Visits to museums and theaters and encounters with Russia's cultural diversity—from Russian to Tatar traditions—will broaden your understanding of the country. Training in public speaking, presentations, and critical thinking will build soft skills valued in any profession. The program culminates in the creation of a social project under mentor guidance. You will leave not only with improved language skills but also with a project idea you can implement at home. Become a bridge between cultures—open Russia to the world and the world to Russia.

Project program: from idea to impact

A capstone project-based module is integrated into every Summer University track, designed to bridge academic learning with real-world innovation. The module centers on immersive visits to leading enterprises, where participants gain firsthand exposure to cutting-edge infrastructure, production processes, and emerging technologies.

Throughout the program, students develop essential research competencies: ideation, market and needs assessment, and the iterative refinement of concepts into viable project proposals. Working in diverse international teams and under the guidance of experienced mentors, participants design business-oriented projects aligned with their academic track. The module culminates in a formal defense before

a panel of industry and academic experts, providing valuable feedback and professional networking opportunities.

This experiential learning component ensures that theoretical knowledge is translated into practical, portfolio-ready outcomes — preparing participants for future careers in research, innovation, and global collaboration.

Industrial partners of the project in 2026 include:

- Agency for Investment Development of the Republic of Tatarstan
- Management of Natural Territories of the Republic of Tatarstan
- Directorate of Parks and Squares of Kazan
- International Scientific and Innovation Center of Neurochemistry and Pharmacology the A. E. Arbuzov Institute of Organic and Physical Chemistry
- Kazan Institute of Biochemistry and Biophysics of the Kazan Scientific Center of the Russian Academy of Sciences
- Tatar State Academic Theatre named after Galiyasgar Kamal
- National Art Gallery "Khazine"
- and other.

Cultural program

Summer University isn't just about lectures and projects. It's two weeks of discovery, connection, and adventure — memories you'll carry for a lifetime.

We've prepared an immersive cultural program to help you experience the soul of Kazan:

— interactive evening "Global Village" with country presentations



— entertainment program "Sabantuy" featuring traditional games and folk amusements



— exciting quests, quizzes, and master classes; networking with participants from different countries; plus sports games and competitions.



You will have the opportunity to walk around KFU's central campus, learn the university's history by visiting its museums, and get acquainted with student life. KFU's central campus is located in the historic center of Kazan and houses most of the university's institutes. The campus core is the main building in the Russian Neoclassical style of the 19th century with an inner courtyard, where the Anatomical Theatre, the university library with its unique collection of rare books and Oriental manuscripts, and the Astronomical Observatory (home to the Department of Astronomy, one of the oldest in Russia) are preserved. The university's priceless assets include 12 multidisciplinary museums, some of which you will be able to visit during your stay in Kazan.



You will enjoy a tour of thousand-year-old Kazan. Learn where the very Kazan (cauldron) that gave the city its name “boiled without fire,” and where the immeasurable treasures of the Kazan khans are hidden. Visit the Kazan Kremlin museum-reserve, a UNESCO World Heritage site, and see Kazan’s symbol — the famous leaning Suyumbike Tower — alongside the majestic Kul Sharif Mosque and the Annunciation Cathedral, located within steps of each other as a sign of harmonious coexistence between Islam and Orthodoxy.

You will travel beyond Kazan to Bolgar, the ancient capital of Volga Bulgaria, where Islam was adopted as the state religion in 922. Preserved there is the unique medieval Muslim city architecture (7th–15th centuries), also a UNESCO World

Heritage site. A modern jewel of Bolgar is the White Mosque, evoking the grandeur of the Taj Mahal.

During your stay you will also visit the unique monument of Orthodox culture — the island-town of Sviyazhsk, founded by Tsar Ivan the Terrible and pivotal to the capture of Kazan in 1552,



Costs related to participation in the Summer University educational program and stay in Kazan — including tuition fees, travel tickets, accommodation, meals, medical insurance, and transfers within the program — will be covered by the event organizers.

To register for Summer University at KFU please visit the official web-site <https://summeruniversity.ru/en/>

Program "Summer University 2026"

Kazan Federal University

July 6 – 19, 2026

Time	Event
JULY 6 MONDAY	
07:15 – 08:15	Breakfast IT Lyceum, Universiade Village 32
11:00 – 12:30	Official Opening Ceremony of the Summer University
13:00 – 14:00	Lunch KFU Canteen, 16 Kremlevskaya st.
14:00 – 17:00	Introductory tour of Kazan with a visit to the Kazan Kremlin
17:30 – 19:00	Dinner KFU Canteen, 16 Kremlevskaya st.
20:00 – 22:00	"Welcome party". <i>Universiade Village</i>
22:00	End of the day
JULY 7 TUESDAY	
07:30 – 08:00	Breakfast IT Lyceum, Universiade Village 32
09:00 – 10:30	Educational activities
10:30 – 11:00	Break
11:00 – 12:30	Educational activities
13:00 – 14:00	Lunch KFU Canteen, 16 Kremlevskaya st.
14:30 – 16:00	Educational activities
16:00 – 16:15	Break
16:15 – 17:45	Educational activities. Мастер-классы
18:00 – 19:00	Dinner KFU Canteen, 16 Kremlevskaya st
20:00 – 22:00	Interactive evening "Global Village." Presentation of the participating countries in the project, <i>Universiade Village</i>
22:00	End of the day
JULY 8 WEDNESDAY	
07:30 – 08:00	Breakfast IT Lyceum, Universiade Village 32
09:00 – 10:30	Educational activities
10:30 – 11:00	Break
11:00 – 12:30	Educational activities
13:00 – 14:00	Lunch KFU Canteen, 16 Kremlevskaya st.
14:30 – 16:00	Educational activities
16:00 – 16:15	Break
16:15 – 17:45	Educational activities. Мастер-классы
18:00 – 19:00	Dinner KFU Canteen, 16 Kremlevskaya st
20:00 – 22:00	Sports event, free time, end of the day
JULY 9 THURSDAY	
07:30 – 08:00	Breakfast IT Lyceum, Universiade Village 32
09:00 – 10:30	Educational activities
10:30 – 11:00	Break
11:00 – 12:30	Educational activities
13:00 – 14:00	Lunch KFU Canteen, 16 Kremlevskaya st.
14:30 – 16:00	Educational activities
16:00 – 16:15	Break
16:15 – 17:45	Educational activities. Workshops
18:00 – 19:00	Dinner KFU Canteen, 16 Kremlevskaya st.
19:30 – 22:00	Free time, end of the day

JULY 10 FRIDAY	
07:30 – 08:00	Breakfast IT Lyceum, Universiade Village 32
09:00 – 10:30	Educational activities
10:30 – 11:00	Break
11:00 – 12:30	Educational activities
13:00 – 14:00	Lunch KFU Canteen, 16 Kremlevskaya st.
14:15 – 17:45	Quest game "University of Opportunities". KFU Cultural and Sports Complex "UNICS", 2 Professor Nuzhin St.
18:00 – 19:00	Dinner KFU Canteen, 16 Kremlevskaya st.
20:00 – 22:00	Party, free time, end of the day
JULY 11 SATURDAY	
08:00 – 09:00	Breakfast IT Lyceum, Universiade Village 32
11:00 – 13:00	Introduction to youth organizations of the Republic of Tatarstan
13:00 – 14:00	Lunch <i>IT Lyceum, Universiade Village 32</i>
14:00 – 18:00	Free time
18:00 – 19:00	Dinner <i>IT Lyceum, Universiade Village 32</i>
19:00 – 22:00	Free time, end of the day
JULY 12 SUNDAY	
08:00 – 09:00	Breakfast IT Lyceum, Universiade Village 32
09:00 – 16:00	Excursion program around the Republic of Tatarstan
18:00 – 19:00	Dinner IT Lyceum, Universiade Village 32
22:00	End of the day
JULY 13 MONDAY	
07:30 – 08:00	Breakfast IT Lyceum, Universiade Village 32
09:00 – 10:30	Educational activities
10:30 – 11:00	Break
11:00 – 12:30	Educational activities
13:00 – 14:00	Lunch KFU Canteen, 16 Kremlevskaya st.
14:30 – 16:00	Educational activities
16:00 – 16:15	Break
16:15 – 17:45	Educational activities. Workshops
18:00 – 19:00	Dinner KFU Canteen, 16 Kremlevskaya st.
19:00 – 22:00	Sports event, free time, end of the day
JULY 14 TUESDAY	
07:30 – 08:00	Breakfast IT Lyceum, Universiade Village 32
09:00 – 10:30	Educational activities
10:30 – 11:00	Break
11:00 – 12:30	Educational activities
13:00 – 14:00	Lunch KFU Canteen, 16 Kremlevskaya st.
14:30 – 16:00	Educational activities
16:00 – 16:15	Break
16:15 – 17:45	Educational activities. Workshops
18:00 – 19:00	Dinner KFU Canteen, 16 Kremlevskaya st.
20:00 – 21:30	Interactive evening "Sabantuy" Universiade Village
22:00	End of the day
JULY 15 WEDNESDAY	
07:30 – 08:00	Breakfast IT Lyceum, Universiade Village 32
09:00 – 10:30	Educational activities
10:30 – 11:00	Break

11:00 – 12:30	Educational activities
13:00 – 14:00	Lunch KFU Canteen, 16 Kremlevskaya st.
14:30 – 16:00	Educational activities
16:00 – 16:15	Break
16:15 – 17:45	Educational activities. Project work
18:00 – 19:00	Dinner KFU Canteen, 16 Kremlevskaya st.
20:00 – 21:30	Project work. Self-studies.
22:00	End of the day
JULY 16 THURSDAY	
07:30 – 08:00	Breakfast IT Lyceum, Universiade Village 32
09:00 – 10:30	Educational activities. Projects presentation
10:30 – 11:00	Break
11:00 – 12:30	Educational activities. Projects presentation
13:00 – 14:00	Lunch KFU Canteen, 16 Kremlevskaya st.
14:30 – 15:30	Educational activities. Summing up and award of certificates
16:00 – 17:30	"Study at KFU!" Introduction to the institutes and educational programs of KFU
17:30 – 18:30	Dinner KFU Canteen, 16 Kremlevskaya st.
20:00 – 22:00	Sports event, free time, end of the day
JULY 17 FRIDAY	
08:00 – 09:00	Breakfast IT Lyceum, Universiade Village 32
10:00 – 12:00	Closing ceremony. Presentation of the best projects
12:30 – 13:30	Lunch KFU Canteen, 16 Kremlevskaya st.
14:00 – 16:30	Official Closing Ceremony Summer University 2026
16:30 – 17:30	Free time
17:30 – 19:00	Dinner KFU Canteen, 16 Kremlevskaya st.
20:00 – 22:00	Evening "International world"
22:00	End of the day
JULY 18 SATURDAY	
08:00 – 09:00	Breakfast IT Lyceum, Universiade Village 32
09:00 – 14:00	Free time
14:00 – 15:00	Lunch IT Lyceum, Universiade Village 32
15:00 – 18:00	Free time
18:00 – 19:00	Dinner IT Lyceum, Universiade Village 32
19:00 – 22:00	Free time, end of the day
JULY 19 SUNDAY	
08:00 – 09:00	Breakfast IT Lyceum, Universiade Village 32
13:00 – 14:00	Lunch IT Lyceum, Universiade Village 32
18:00 – 19:00	Dinner IT Lyceum, Universiade Village 32
	Departure of participants (during the day)