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Siberian Federal University (SibFU) is located in the heart of Russia in the city called Krasnoyarsk. The University was founded in 2006 by a merger of 5 most outstanding educational institutions in the region; this explains a range of training and research offered here.

SibFU is a member of the national “Russian Academic Excellence Project” team.

Today it is the biggest university in the Asian part of Russia whose student population together with the staff counts about 50,000 people. An annual intake makes 6,000 students who come to SibFU first and foremost seeking a quality education. The University has a lot to offer: up-to-date laboratory equipment, advanced training approaches, developed infrastructure, highly skilled faculty, graduates’ employability and colourful exciting students life. These features serve as reliable indicators of belonging to the ‘elite’ of Russian universities and a place where one can receive quality cross-subject background which involves a strong practical focus and close collaboration with industry and business.



SibFU is a member of international professional associations

Association of Sino-Russian  
Technical Universities (**ASRTU**)



The University of the Arctic  
(**UArctic**)



European Council  
for Business Education (**ECBE**)



International Association  
of Universities (**IAU**)



University of Shanghai  
Cooperation Organization (**SCO**)



Worldwide **CDIO** initiative



etc.

- - - -

## University mission

Active involvement into sustainable development of the world and training qualified professionals for the needs of business and industry worldwide.

## Priority research trends



**Sustainable environmental management**



**Biology and biotechnology**



**Physics, chemistry and new materials**



**Radio technology, IT&digitalisation**



**Mining**

## General vision

Contribute to meeting modern economic challenges through striking a balance in using ecologically-friendly and energy-efficient technologies in processing richest natural resources, maintaining most responsible attitude to Nature preservation and increasing a range of downstream products.



- SibFU is a member of the national “Russian Academic Excellence Project” team. The University belongs to the top 20 of the country’s best universities. ○







SibFU's most active partners range from outstanding academic institutions to prosperous local businesses and global corporations, among them are Russian Academy of Science (RAS), Federal Medical Biological Agency, RUSAL (Russian Aluminium), Norilsk Nickel, Rosneft, PJSC Polyus, ROSATOM Group, RusHydro, Gazprom, Rusnano, etc.



## Honored Professor

Since 2012 the University has presented 5 Honored Professor awards to eminent people who have most significantly contributed to SibFU development.

The recipients are



**Osamu Shimomura**

Nobel Prize winner in chemistry, Head of SibFU laboratory of bioluminescent biotechnology



**Ernst-Detlef Schulze**

The Max Planck Institute for Biogeochemistry



**Ari Laptev**

The Head of Department of Mathematics at Imperial College London, Member of the Royal Swedish Academy of Sciences



**Anthony J. Sinskey**

A world-renowned expert in biotechnologies, Professor of Microbiology and Health Sciences & Technology at Massachusetts Institute of Technology



**Alexander Khloponin**

Deputy Prime Minister, Governor of the Krasnoyarsk Region in 2002 -2010, led by Governor Khloponin in 2006 the Region succeeded in the bid for establishing the first Federal University in Russia



### **Dmitry Medvedev**

**Prime Minister of Russia,  
Head of the Board of Trustees**

SibFU Board of Trustees make decisions concerning strategic priorities of University development in training and research. The Board deals with a range of issues including raising funds, they also support and critique when necessary the Rector's University performance reports.



### **Mikhail Kotyukov**

**Head of the Federal Agency of Scientific Organizations (FASO),  
Head of the SibFU Steering Committee**

SibFU Steering Committee includes government and public leaders who consider such issues as amendments to the University Charter, its financial and infrastructural development.



### **Alexander Uss**

**Head of the Regional Legislative Assembly  
and SibFU President leads the Council for SibFU Development**

Efficient communication with the local government is carried out through the Council for SibFU Development. This body includes Head of the Regional Government, Mayor of Krasnoyarsk and other politicians who shape regional economic and social development.



### **Malcolm Hughes**

**Regents Professor of the University of Arizona, member of American Geophysical Union,  
member of American Association for the Advancement of Science (AAAS), heads International  
Advisory Council**

Council's major tasks are to support the University on the global market, to monitor its progress in internationalization and to produce recommendations for the Steering Committee to enhance the University international positions.



### **Sergey Shoygu**

**SibFU graduate, Russia's Minister of Defence is the SibFU Alumni Association Head**

# 18 SibFU schools



School  
of the Humanities



School of Engineering  
and Construction



School of Architecture  
and Design



School of Mining, Geology  
and Geotechnology



School of Engineering Physics  
and Radio Electronics



School of Space  
and Information Technology



School of Military  
Engineering



School of Mathematics  
and Computer Science



School of Petroleum  
and Natural Gas Engineering



School of Education,  
Psychology and Sociology



School of Physical Education,  
Sports and Tourism



School of Philology  
and Language Communication



School of Fundamental Biology  
and Biotechnology



School of Non-Ferrous Metals  
and Materials Science



School of Ecology  
and Geography



School of Economics  
and Management



Polytechnic  
School



Law  
School



## 3 branches



Lesosibirsk teachers' training institute, SibFU branch



Sayano-Shushenskiy SibFU branch



Khakasskiy SibFU branch



Close integration with business and industry partners resulted in creation of specific educational units, the so called 'higher-ed practical schools' which focus on a particular curriculum. Practice-oriented teaching approaches, involvement of employers into syllabi development and training allows greater efficiency in meeting the demand in highly-qualified and practice-experienced graduates.

## 3 higher-ed practical schools is University's special pride, there are plans that creation of such institutions will be continued.

**Higher-ed practical school of automobile servicing** (a joint project with Medved-holding, the largest regional automobile dealer)

**Higher-ed practical school of management in catering** (a joint project with international restaurant holding Bellini group)

**Higher-ed practical school of entrepreneurship** (a joint project with industrial and investment businesses)

# 14

research-academic centres

# 38

chairs in partnership with businesses and industry from all Siberia

# 4

4 unique units

- Law clinic
- UNESCO chair "New materials and Technology"
- Botanic Garden
- Psychological clinic



Knowledge-intensive innovative University assets include R&D centres, a network of innovative small businesses, commonly-shared laboratory centres, corporate partner-company centres which are jointly managed by a company and the University. At SibFU there is a corporate Oil & Gas centre developed jointly with Schlumberger company and R&D centre on development of dynamic systems in management and quality assurance of mining and processing of mineral resources, jointly created with Norilsk Nickel.

# STUDENTS

SibFU Fellowship program is aimed at supporting research and faculty staff academic mobility.

To support talented PhD students SibFU provides PhD grants that cover the tuition fees [www.sfu-kras.ru/en/PhD](http://www.sfu-kras.ru/en/PhD).

For more information, please, contact [aspirantura@sfu-kras.ru](mailto:aspirantura@sfu-kras.ru).

Our University also supports talented undergraduate and Master students assisting them in covering the tuition fees. At the moment gifted students from Kyrgyzstan, Spain, Germany and other countries receive financial support from the University.



China



Spain



Kyrgyzstan



Jamaica



Germany



СИБИРСКИЙ ФЕДЕРАЛЬНЫЙ УНИВЕРСИТЕТ  
SIBERIAN FEDERAL UNIVERSITY

**30630**  
students

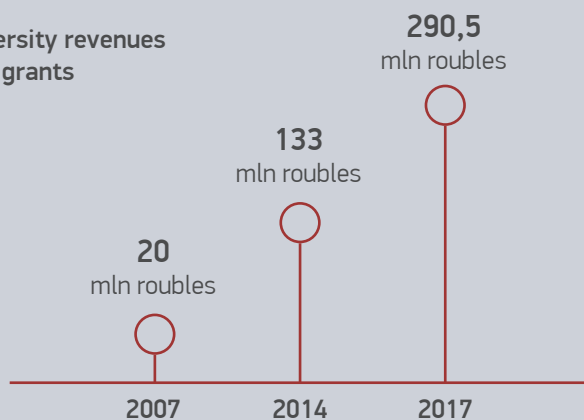
**>800**  
international students

**65%**  
of students are non-regional  
residents

**200**  
research projects supported  
by the University

**96%**  
of graduates find their first  
job within one year after graduation

University revenues  
from grants





# STAFF







# 1:12

teacher-students ratio

# 6804

staff

# 3450

faculty

# 426

Professors,  
Doctors of Science

# 64

international visiting faculty  
lectured at SibFU summer schools

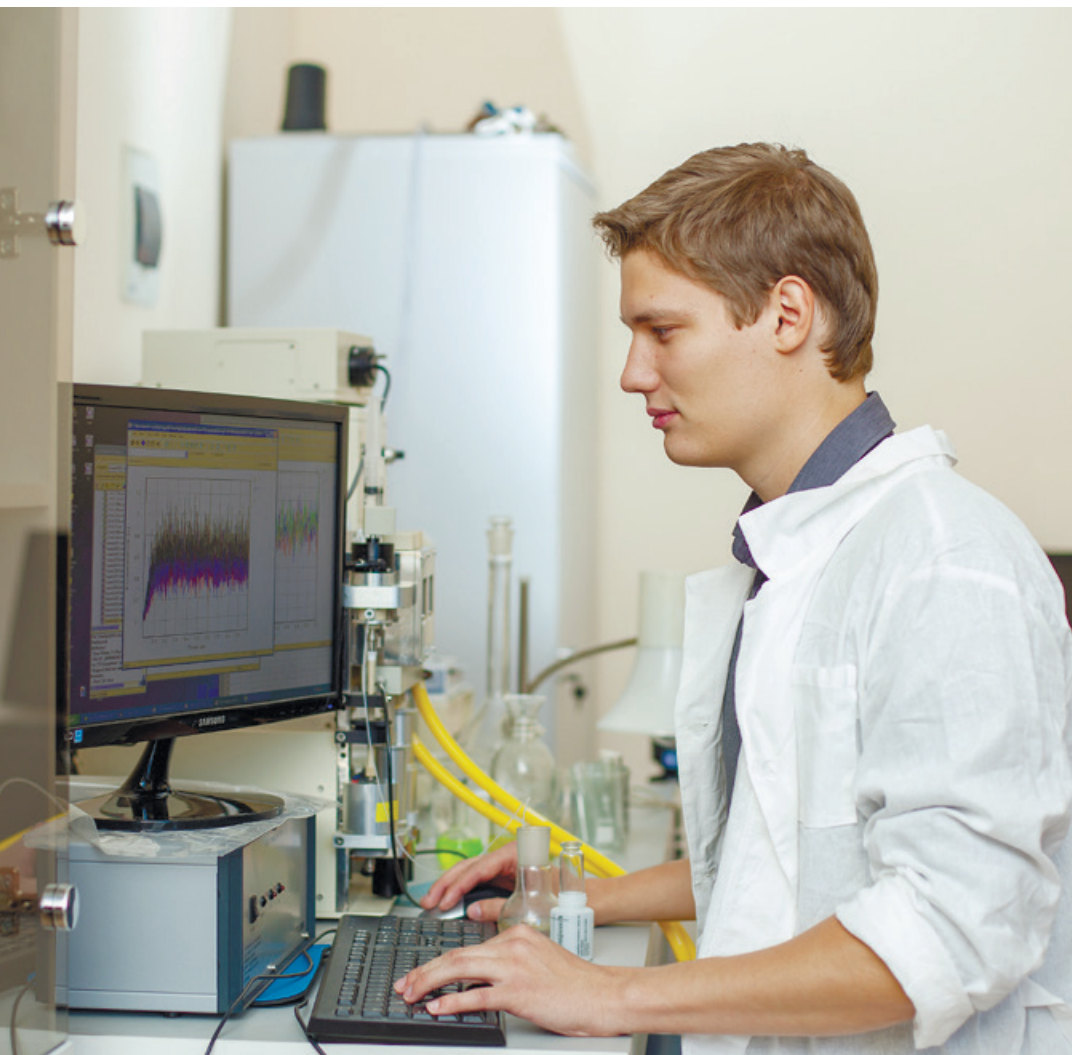
# 82

international faculty have  
been employed at SibFU  
for 10 years

Siberian Federal University considers international visiting professors to be a very important part of effective education. Visiting professors are welcomed to lecture during an academic year as well as at summer schools. Annually SibFU students have a possibility to attend lectures of more than 200 international professors and instructors.

# RESEARCH PROFILE

SibFU research activities and interests are focused on major global challenges of civilization in the XXI century: climate change (causes and consequences), impact of human activity on the environment, trends in biogeochemical cycles, improving the quality and expectancy of human life, ecologically-friendly and efficient technologies of mining and processing of natural resources, digitalisation and virtualisation of the environment.



## Mega-grants

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**9 450 000 roubles**

Multidimensional complex analysis and differential equations

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**27 200 000 roubles**

Genomic research of major boreal forest-developing conifers and their most dangerous pathogens in the Russian Federation

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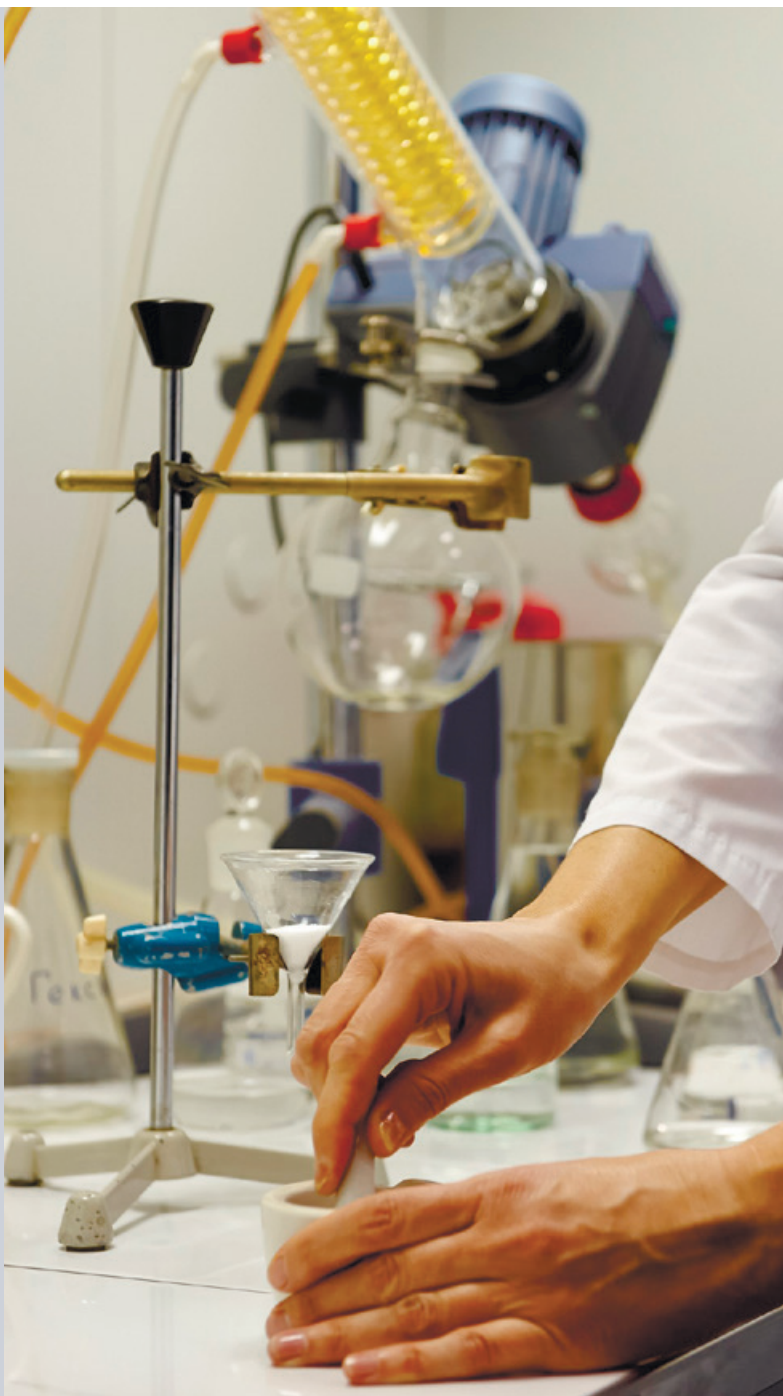
**70 000 000 roubles**

Development of high technology production of modern goniometric satellite navigation equipment based on Russia's component base "System on crystal"

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**50 000 000 roubles**

Development of super powerful energy-efficient technology of aluminium production PA-550



## Unique equipment

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Multi-purpose Transmission Electron  
Microscope JEOL

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Emission Scanning Electron  
Microscope JEOL

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Atomic absorption spectrometer  
AAnalyst

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Gas Chromatograph Agilent 7890A  
with quadrupole detector Agilent

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Ion chromatograph

---

X-ray Diffractometer

---

Simultaneous thermal analyser

---

Spectrophotometer Cary

---

Spectrofluorometer Fluorolog

---

Gas Chromatograph  
with mass-selective detector

---

Gene sequencer MiSeq Illumina

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SibFU supercomputer  
3 high-performance systems uniting 280 servers

## Partner universities is research and scientific collaboration



**KTH Royal Institute of Technology**  
Sweden,  
Stockholm, 100 44



**Imperial College London**  
UK, London,  
South Kensington Campus,  
SW7 2AZ



**Texas A&M University**  
USA,  
College Station, Texas 77843



**Georg-August-Universität Göttingen**  
Germany,  
Wilhelmsplatz 1, 37073 Göttingen



**The University of Cadiz**  
Spain, Cadiz,  
11001 C/ Ancha, nº 16

We collaborate with

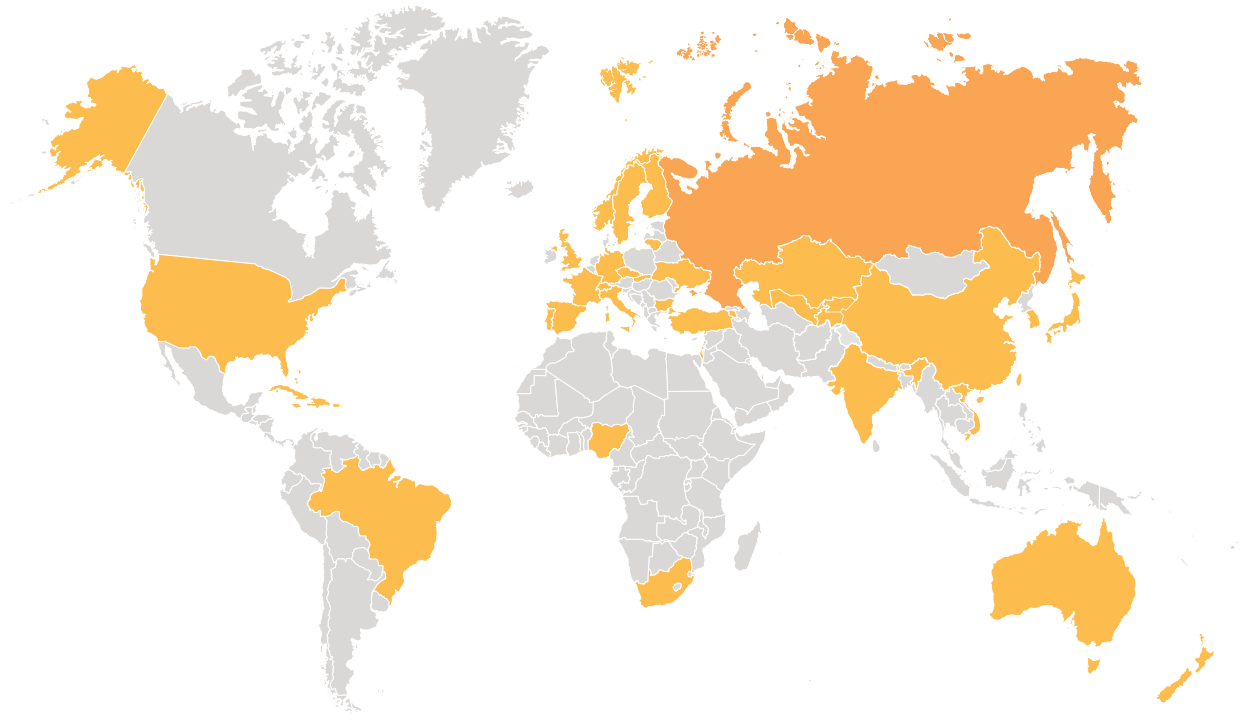
# 134

partner universities





## Partner universities



## International projects with

### KTH Royal Institute of Technology

Technology  
Development  
in Biophotonics  
and Spectroscopy,  
Artificial  
Photosynthesis

### Universidade Aberta, Portugal

Improving the quality  
of education for creative  
industries in Russia:  
developing a new  
Master's programme  
meeting the EU  
standards

### University of Mannheim, Germany

Technological  
exchange in post-  
Soviet economies  
of Ukraine and  
Russian compared  
to East Germany  
and Poland

### University of Bologna, Italy

Life-long learning  
in developing  
multicultural  
approach  
in education  
and tolerance  
in Russia

SibFU develops 5 strategic projects whose teams work in cutting-edge research trends

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### **1. “Production of biochemicals, essential for humans, in aquatic ecosystems”**

Project leader – Prof Michael Gladyshev, Chair of Department of Aquatic and Terrestrial Ecosystems, School of Fundamental Biology and Biotechnology.

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### **2. “Development of the aluminum production technology based on low temperature electrolytes and inert anodes”**

Project leader – Prof Petr Polyakov, School of Non-Ferrous Metals and Materials Science.

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### **3. “New optical materials for novel applications in nano-and bio-photonics, solar energy conversion and nanomedicine”**

Project leader – Dr Sergey Polyutov, head of Laboratory for Nonlinear Optics and Spectroscopy.

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### **4. “Development of products from biopolymers for medical purposes (retention suture, wound covers, valves, etc.) and their clinical testing”**

Project leader – Prof Tatyana Volova, PhD in Biology, Dr habil, Head of Biotechnology Chair.

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### **5. “SibFU-BIOMED OPENLAB”**

Project leader – Sr. D. José M<sup>a</sup>. López-Cepero López-Cepero, Anatomía Patológica, Biología Celular, Histología, Historia de la Ciencia, Facultad de Medicina Universidad de Cadiz.





## Research schools

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**“Dendroclimatic and dendroecological monitoring of North Eurasian forests”**

School leader Prof Eugene Vaganov

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**“Ecological biophysics”**

School leader Prof Joseph Gitelson

---

**“Integral methods in complex analysis and algebraic geometry”**

School leader Prof August Tsikh

---

**“Radio navigational and radio location equipment”**

School leader Prof Georgy Shaidurov

---

**“Digital methods of solving mathematical problems”**

School leader Prof Vladimir Shaidurov

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**“Conceptual and theoretical basics of legal regulation and application of security measures”**

Research team leader Prof Nikolay Shchedrin

# SCIENTOMETRICS

Siberian Federal University is accredited as the most intensively cited university in Russia in 2016. The data were published by Clarivate Analytics, ex-Thompson Reuters's Intellectual Property and Science Business unit.

2007

2014

2017

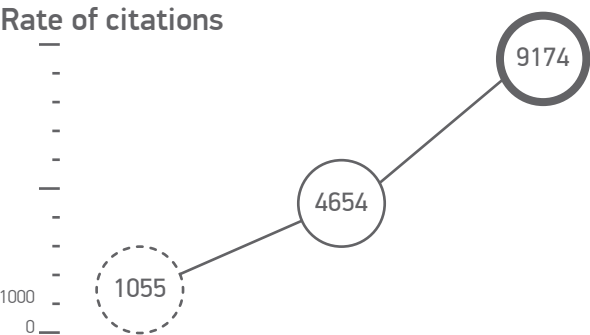


## SCOPUS

Number of publications

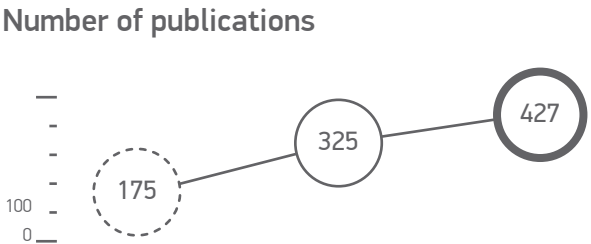


Rate of citations

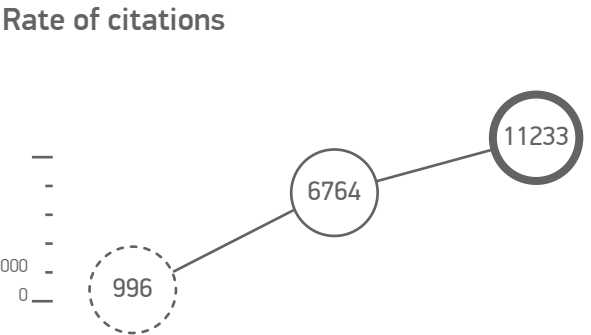


## WEB OF SCIENCE

Number of publications



Rate of citations

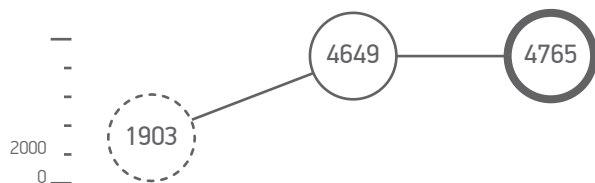




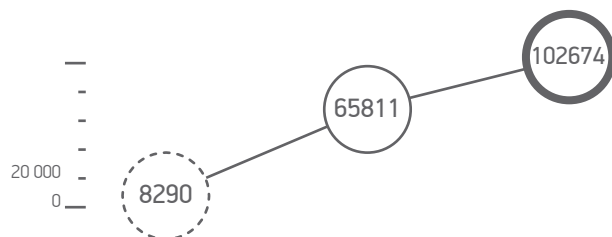


## RSCI

### Number of publications



### Rate of citations



Russian Science Citation Index (RSCI) is a national information-analytical system which accumulates more than 9 mln articles of Russian researchers and scientists; they also monitor a citation index of the published articles in more than 6,000 journals in Russia.

# 1:84

citation index per one faculty member

# TEACHING



## 12 programmes are internationally accredited

**Human Resources management**  
(Undergraduate and Master's programmes)

**Complex Analysis**  
(Master's programme)

**Management**  
(Undergraduate and Master's programmes)

**Automatization of technological processes and productions**  
(Undergraduate programme)

**Economics**  
(Undergraduate and Master's programmes)

**Information Systems and Technologies**  
(Undergraduate programme)

**Software Engineering**  
(Undergraduate programme)

**Applied informatics**  
(Master's programme)

**Construction**  
(Undergraduate programme)  
(Sayano-Shushenskiy branch of SibFU)



2014 → 2017  
**224 → 184**  
 Bachelor's programmes

2014 → 2017  
**167 → 182**  
 Master's programmes

**10**  
 programmes earned certificates  
 of public and professional recognition

**4**  
 double-degree programmes  
 (1, 6, 7, 8)

**118**  
 courses taught in English

**1**  
 English-Taught Master's  
 Degree Program  
**Banking**

**2**  
 English-Taught Master's  
 Degree Program  
**Petroleum Chemistry  
 and Refining**

**3**  
 English-Taught Master's  
 Degree Program  
**Biological Engineering**

**4**  
 English-Taught  
 Master's Degree Program  
**Applied Computing  
 in Engineering  
 and Science**

**5**  
 English-Taught Master's  
 Degree Program  
**Complex Analysis**

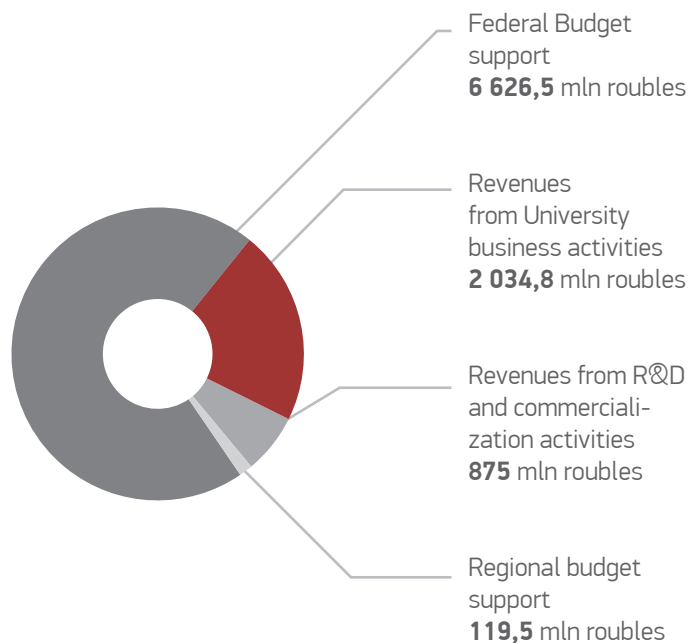
**6**  
 Double Degree Master's  
 Program  
**German and Russian  
 Law / Deutsches und  
 Russisches Recht**

**7**  
**Comunicación  
 Internacional  
 (Spanish)**

**8**  
**Economia e Gestione  
 degli Intermediari  
 Finanziari (EGIF)**



# INCOMES



**233,1**

thousand roubles — Income from research commercialization activities per a faculty member

**1451,2**

thousand roubles — Cost of an average R&D project





# RANKINGS

Siberian Federal University has always found itself in the country's TOP 20 universities. Academic experts refer to such universities as 'sustainable academic elite' which serves as a testimony of a balanced managerial policy aimed at steady development and forward movement.



— **QS STARS**



— **QS BRICS**

151-200

— **QS EECA**

111-120

— **THE**

800+

— **THE Europe**

top-400

— **THE BRICS**

250-300

— **RankPRO**

452

— **U-Multirank**

7-8 position

— **ARES A+**

9 position

— **RAEX**

16 position

— **Interfax**

16

# CAMPUS

New modern dormitories offer fully equipped blocks of 2-share or 3-share study-bedrooms. Each block includes a communal kitchen and bathroom. Single study-bedrooms are not available

Accommodation costs:

living on campus costs approximately 30-40 USD per month (for students). Off-campus accommodation rental prices may vary from 170 up to 500 USD. But in general living in Krasnoyarsk is very affordable, you can maintain yourself on 250 USD (food, transportaiton, entertainment etc.)



32

dormitories

The University campus is a big space, it includes alongside with teaching halls dormitories which offer higher-level comfort rooms for visiting professors, a library, exhibition galleries, sport facilities, gyms, shops, cafes, coffee shops and gift shops.

A well-planned and friendly-designed campus infrastructure with plenty of places satisfying basic needs makes it a pleasurable and safe place to stay on. Landscape design of the campus, its mini-parks and green open spaces, pedestrian walkways have become a part of not only University hospitality tours but are favoured by the city residents and their guests.

10

student canteens and buffets

82%

of students stay in on-campus dormitories

24

teaching halls

22-23°C

is the inside temperature in University buildings

4

dance halls

3

music studio

4

concert halls

10

sport facilities

4

of which are football (soccer) pitches

2

swimming pools

3

skiing sites

4

track and field stadiums

30

gyms

2

off-campus sport constructions



## Medical Centre

The Centre offers medical services to the University staff and students. The capacity of the Centre is estimated at 50,000 visits per year.

2

research clinical laboratories in biomedicine



Network of University mini-markets under "U" brand

# UNIVERSIADE 2019

The 29th Winter Universiade 2019 will bring a lot of young athletes from all over the globe to Krasnoyarsk, a multi-ethnic place with unique Nature. The Athletes' Village will be located on the University campus. The campus was approved for the purpose by FISU (International University Sports Federation), which found it the most suitable place meeting the FISU high requirements of comfort and safety. The University has already started to develop its hospitality programme which will be wholeheartedly offered to Universiade participants and guests, presenting them with unparalleled Siberian welcome. Our efforts include creation of home-like atmosphere for participants and guests which will promote mutual respect and understanding, and ultimately will contribute to an increased solidarity and friendship between all those involved, the atmosphere in which there's no place for any kind of bias: political or religious or ethnic.



**01.2016**

construction  
of the Athletes' Village  
started

**25,4**

hectares are taken  
by Athletes' Village



The Athletes' Village will use ecological (green) technologies in rubbish processing and energy generation.



**99 800 m<sup>2</sup>**

is the total floor  
area of the Village  
dormitories

**4 000**

athletes is accommodating  
capacity of Athletes' Village

**1 800**

volunteers will be  
accommodated  
in Athletes' Village

**68 000 m<sup>2</sup>**

is the green space  
of Athletes' Village

# KRASNOYARSK

# 1 083 865

inhabitants

Krasnoyarsk is located in the heart of the biggest country in the world, it's divided into two parts by one of the world biggest rivers the Yenisey. Krasnoyarsk is one of the largest Siberian cities and is a cultural, industrial and academic centre.

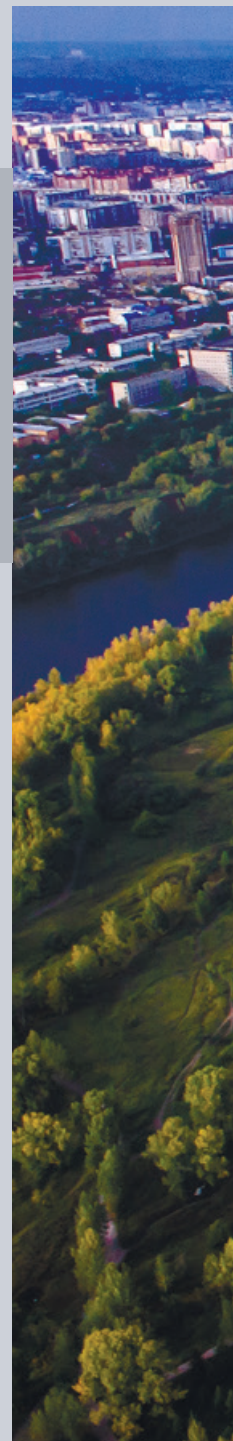
It's the place where satellites are assembled for the needs of both national and international space industry; here aluminium and gold are produced. It is a birthplace of a famous Russian artist Vasily Surikov, outstanding Russian writer Victor Astafiev, a legendary wrestler Ivan Yarygin and a world-known singer Dmitry Khvorostovskiy.

Krasnoyarsk is famous as a place of richest natural resources: oil, gas and coal are mined here, and out of

70 currently known metals 63 are available in Krasnoyarsk deposits; in addition we can boast thick and vast natural forests and pure water.

Amid unique Nature, the city lives its active business and cultural life. It annually hosts Krasnoyarsk economic forum (KEF) which attracts more than 5,000 visitors from 20 countries of the world and 50 regions within Russia. The city's cultural life offers 8 repertoire theatres, experimental theatrical sites, a local circus, numerous concert halls, digital and traditional libraries, museums and art galleries.

Multi-ethnic and multi-confessional city harmoniously accommodates Christian churches with Muslim mosques, synagogues with a Hindu temple.





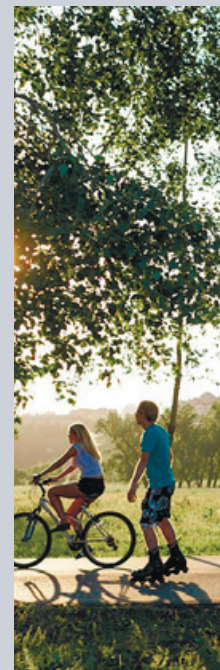




Hospitable local population is always happy to treat their guests with something special, among local specialties are lingonberry (or cowberry) served with local honey and pine nuts, northern kinds of river fish cooked by traditional recipes, pies with local bird cherry, juicy Siberian pelmeni (small (traditionally crescent-shaped) pasta cases, stuffed with seasoned meat boiled in water and usually served in a sauce) and herbal tea brewed from taiga herbs and berries.

Krasnoyarsk is a very sporty place, especially in winter sports. Here are trained athletes in more than 150 sports, 100 sport federations are active in the city, 120 sport societies for younger and beginner athletes. Krasnoyarsk boasts 1900 sport grounds and premises designated for developing sport activities. The Centre of extreme sports “Sportex” is the largest place of its kind in Europe. Big parks, equipped open spaces, ski slopes such as popular among local population fun-park “Bobrov log” (Beaver den) and “Tatyshev island”, are much favoured by citizens as they offer all facilities for active leisure all year round.

Krasnoyarsk is a vibrant and energetic place full of young people who take their education at 8 local universities. Students have become a significant part of the city development contributing to its creative and innovative spheres.








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International airport  
**Yemelyanovo**

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**6 bridges** across the Yenisey including  
a railway bridge

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Flora and fauna park  
“ **Roev Ruchej**”

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National rocky park “Stolby”  
(**Rock Pillars**)

---

**Ergaki** National park

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Krasnoyarsk power station  
(**Krasnoyarsk Dam**)

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The famous **Tran-Siberian Railway**  
runs through Krasnoyarsk \*

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The name of Krasnoyarsk is carried  
by a rocket carrier **TU-95 MS**




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\* Krasnoyarsk railway carries annually  
3,2 mln passengers cross-regionally  
and more than 13 mln passengers  
locally.

# CONTACT

79 Svobodny prospect, Krasnoyarsk, Russia,  
660041, SibFU

<http://www.sfu-kras.ru/en>

## Department of International Relations

+7 (391) 206-27-79

08:30 – 17:00 Krasnoyarsk MSK+4 (UTC+7)

[dia@sfu-kras.ru](mailto:dia@sfu-kras.ru)

## Department of International Educational Programs

+7 (391) 206-21-65

08:30 – 17:00 Krasnoyarsk MSK+4 (UTC+7)

[edu@sfu-kras.ru](mailto:edu@sfu-kras.ru)

Siberian Federal University in web

<http://studyinrussia.ru/en>



sfuniversity



StudySibFU



SibFULive



siberianfederal

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