



**South Ural
State University**

National Research
University

**SOUTH URAL STATE UNIVERSITY –
A TERRITORY FOR COLLABORATION**

AT THE BORDER OF EUROPE AND ASIA

- ✓ The original Silk Road
- ✓ Geographical location on the border between Europe and Asia
- ✓ Unity of the Post-Soviet space
- ✓ Crossroads of cultures, religious diversity
- ✓ Natural resources



>100

nationalities live in
Chelyabinsk and Chelyabinsk
Region



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MULTINATIONAL CHELYABINSK REGION

>100

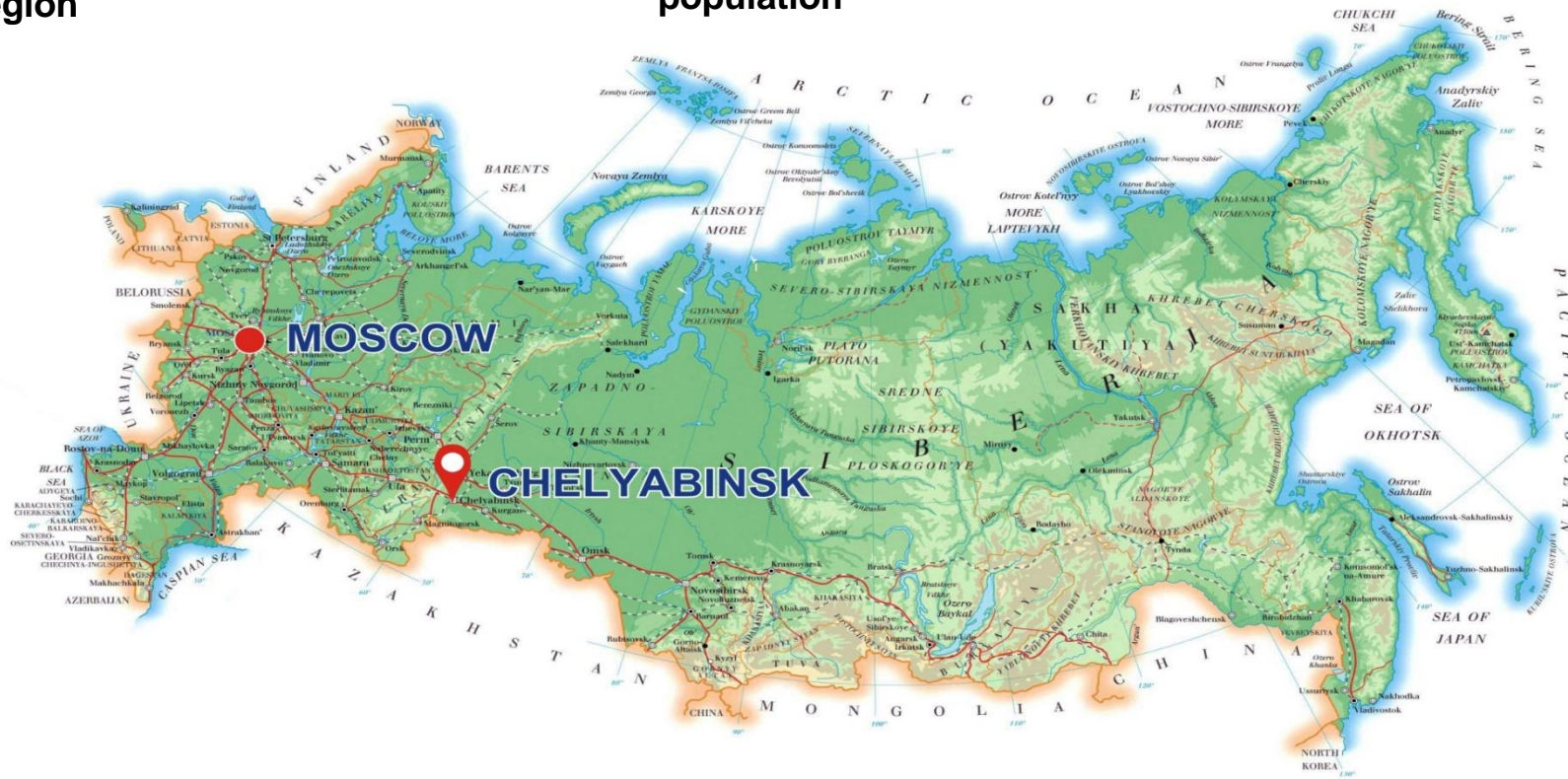
ethnic groups inhabit
Chelyabinsk and
Chelyabinsk region

3502

thousand
is the regional
population

1200

thousand
population of
Chelyabinsk



NATURE OF THE CHELYABINSK REGION



THE CHELYABINSK REGION POSSESSES UNIQUE CLIMATIC AND NATURAL CONDITIONS:

3170
Lakes and rivers

2125
sq. km. total area
of water bodies

20
Ski resorts

170 natural areas of preferential protection, including:

- ✓ Historical archeological conservation area «Arkaim» (ancient land of cities)
- ✓ Ilmen Nature Reserve («geological paradise»)
- ✓ Zyuratkul and Taganai National parks (unique mountain nature)



POTENTIAL OF THE CHELYABINSK REGION



STRUCTURE OF INDUSTRIAL OUTPUT

- Metallurgy
- Mechanical engineering
- Construction industry
- Instrument engineering
- Extractive industry
- Food industry

LEADING FOREIGN ENTERPRISES

- Emerson Corporation (USA) – Engineering
- Siemens (Germany) – Engineering
- Endress+Hauser (Switzerland) – Instrument engineering
- Fortum (Finland) – Clean energy
- SMS Group (Germany) – Metallurgy
- Knauf (Germany) – Construction materials



1943

establishment
of the University

2010

awarded the category
of National Research
University

2015

entered into
the National 5-100
Programme

10 INSTITUTES AND SCHOOLS

INSTITUTE OF ARCHITECTURE AND CONSTRUCTION

•Faculty of Architecture



INSTITUTE OF NATURAL SCIENCES

•Faculty of Mathematics,
mechanics and computer
sciences

•Faculty of Physics

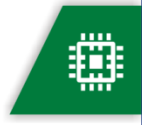
•Faculty of Chemistry



SCHOOL OF ECONOMICS AND MANAGEMENT



SCHOOL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCE



INSTITUTE OF MEDIA, SOCIAL SCIENCES AND HUMANITIES

•Faculty of Journalism
•Faculty of History
•Faculty of Psychology



POLYTECHNIC INSTITUTE

•Automobile and tractor faculty
•Faculty of Aerospace engineering
•Power engineering faculty
•Mechanical and technology faculty
•Faculty of Material science
and metallurgical technology
•Extramural faculty



INSTITUTE OF LINGUISTICS AND INTERNATIONAL COMMUNICATION



INSTITUTE OF SPORT, TOURISM AND SERVICE



SCHOOL OF MEDICAL BIOLOGY



INSTITUTE OF LAW



SOUTH URAL STATE UNIVERSITY'S BRAND

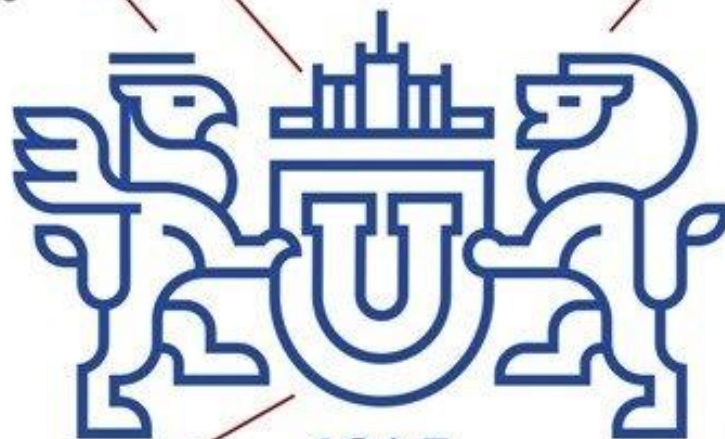
Gryphon – EUROPE

A symbol of velocity, strength, bravery, interdisciplinary scientific knowledge of the world.

The university's main building

Lion – ASIA

A symbol of wisdom, justice, patronage, kindness, and enlightenment.



A shield with the letter «U»

«University»
«Ural»
«Union»

1943

The date of the university's establishment

The logo of SUSU is a demonstration of commitment to traditions, respect to the history and culture of European and Asian nations.

This is the university's aspiration to create a common Eurasian future which would be based on the priority of scientific knowledge, respect to personality, and belief in creative powers. Such future should be formed in the present.



SMART-UNIVERSITY WHICH UNITES EUROPE AND ASIA

>150

Master's degree programs

>200

Bachelor's degree programs

>80

Postgraduate degree programs

>25

Specialist's degree programs



CREATION OF A BILINGUAL ENVIRONMENT

>200

Partner universities

>300

Institution-to-institution agreements



>1 500

Students and academic staff study English in accordance with the new model of education based on the methodology developed by Cambridge University Press

✓ Best practices

✓ Modern technologies

✓ Distance learning

>130 | RECRUITMENT OF INTERNATIONAL ACADEMIC STAFF
from **32** countries



2 500
International students

58
countries



>60 International postgraduate students



South Ural State University

National Research University

BREAKTHROUGH AREAS OF RESEARCH

DIGITAL INDUSTRY

- ✓ Digital twin
- ✓ Industrial object measurement
- ✓ Power saving

DIGITAL INDUSTRY

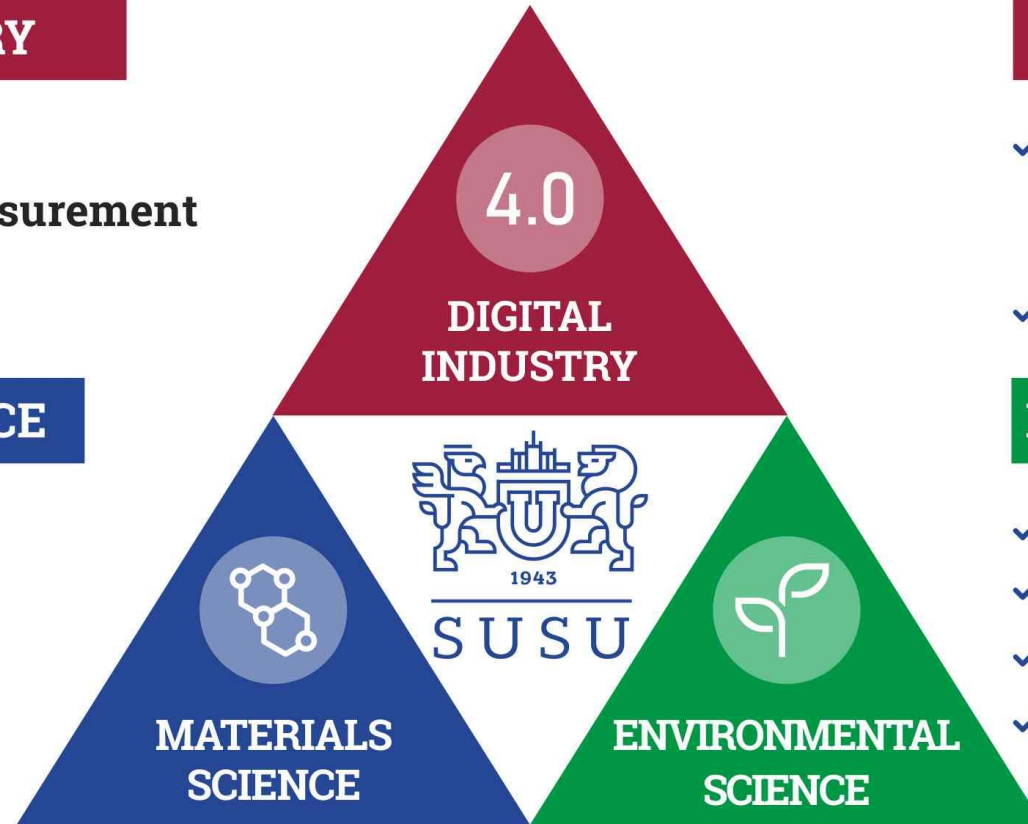
- ✓ Design based on optimization and 3D technologies
- ✓ Data protection

MATERIALS SCIENCE

- ✓ Metals and alloys
- ✓ Composite materials: organic, layered and ceramic
- ✓ Magnetic materials

ENVIRONMENTAL SCIENCE

- ✓ Clean air
- ✓ Clean water
- ✓ Industrial waste recycling
- ✓ Humanitarian Ecoengineering



INTERNATIONAL RESEARCH LABORATORIES

12 international research laboratories

- ✓ Laboratory of self-validating sensors and intelligent instrumentation (UK)
- ✓ Multiscale modeling of multicomponent materials (USA)
- ✓ Laboratory for Migration Studies (Canada)
- ✓ Molecular Electronics Laboratory (Germany)
- ✓ Synthesis and Analysis of Food Ingredients Laboratory (India)
- ✓ Laboratory of Mechanics, Laser Processes and Digital Production Technologies (France)
- ✓ Neurohepatology Research Laboratory (Slovakia)
- ✓ Problem-Oriented Cloud Computing Environment Laboratory (Mexico)
- ✓ Laboratory of Magnetic Oxide Materials (Russia)
- ✓ Polycyclic Aromatic Compounds and Carbon Nanomaterials Laboratory (Germany)
- ✓ Laboratory of Applied Semigroup Research (South Africa)
- ✓ Digital Motion Laboratory (France)

✓ **8th** most powerful supercomputer laboratory among CIS countries



Industrial partners



STRATEGIC DEVELOPMENT PROGRAMS AND GLOBAL COOPERATION FRAMEWORKS

Government programs:

- ✓ 5-100 Russian Academic Excellence Project
- ✓ National Research University Development Program
- ✓ Export of Russian Education
- ✓ Association of Global Universities
- ✓ Association of Leading Universities

Intergovernmental cooperation:

- ✓ Belt and Road Initiative
- ✓ SCO and BRICS

International associations and alliances:

- ✓ Association of Sino-Russian Technical Universities
- ✓ European Journalism Training Association
- ✓ Worldwide Energy Universities Network
- ✓ Association of Leading Universities
- ✓ SCO University
- ✓ University Alliance of the Silk Road
- ✓ International Association for Media and Communication Research



INTERACTION WITH DIPLOMATIC MISSIONS

16 embassies:



Egypt



Armenia



Morocco



Sudan



Azerbaijan



Finland



Iraq



Iran



Zimbabwe



Yemen



Mongolia



South Africa



Algiers



Jordan



Syria



Mexico



7 consulates:



China



Kazakhstan



UK



Kyrgyzstan



Hungary



Uzbekistan



USA



EDUCATIONAL POTENTIAL

- Academic mobility (teachers and students)
- Student exchange programs
- Joint double degree programs (2+2 / 3+1)
- **23** programs taught in English:
 - **4** Bachelor's degree programs
 - **19** Master's degree programs

Language training

- Russian language summer schools at SUSU
- Foundation Program



ENGLISH-TAUGHT PROGRAMS

Bachelor's programs

- 02.03.02 **Fundamental Computer Science and Information Technology** (Modern Models and Methods of Information Technologies)
- 15.03.06 **Mechatronics and Robotics** (Mechatronics)
- 19.03.04 **Food Technology and Catering** (Functional Foods and Nutrition)
- 38.03.01 **Economics** (International Economics and Trade)

Master's programs

- 01.04.01 **Mathematics** (Partial Differential Equations)
- 02.04.02 **Fundamental Computer Science and Information Technology** (Database Technologies)
- 03.04.01 **Applied Mathematics and Physics** (Biophotonics and Physical Methods for Human Beings)
- 04.04.01 **Chemistry** (Chemistry for Environmental Engineering)
- 08.04.01 **Construction** (Digitalization in Architecture and Construction)
- 09.04.01 **Informatics and Computer Engineering** (Internet of Things)
- 13.04.01 **Heat and Power Engineering** (Heat Power Engineering)
- 13.04.02 **Power Engineering and Electrical Engineering** (Electrical Power Engineering)
- 15.04.01 **Mechanical Engineering** (Welding Engineering)
- 15.04.06 **Mechatronics and Robotics** (Mechatronics)
- 23.04.03 **Operation of Transport-Technological Machines and Complexes** (Tribology and Reliability of Vehicles)
- 38.04.01 **Economics** (International Business)
- 38.04.02 **Management** (Strategic and Innovation Marketing)
- 38.04.02 **Management** (Human Resources Management)
- 38.04.08 **Finance and Credit** (Financial Markets and Institutions)
- 40.04.01 **Law** (Law and Digital Technologies)
- 42.04.02 **Journalism** (Media Communications)
- 45.04.01 **Philology** (Theory and Practice of English)



TOP FACTORS TO CHOOSE SUSU

- 12 international scientific laboratories
- Leading Russian and international **faculty**
- **Elite** and **project** learning
- International **industrial partners** - training and internships
- **8th** most powerful supercomputer laboratory among the CIS countries
- Free alignment courses
- **Affordable** tuition fees
- **Enhanced** language training
- Free **IELTS** for students



FOUNDATION PROGRAM



PRE-ACADEMIC PREPARATORY COURSE

Areas of study:

- MEDICINE & BIOLOGY
- NATURAL SCIENCES & MATHEMATICS

- ENGINEERING & TECHNOLOGY

- HUMANITIES AND SOCIAL SCIENCES
- ECONOMICS



RUSSIAN LANGUAGE COURSE

Content of the course:

1. Entry test
2. Lectures and practical training
3. Educational guided tours
4. Independent study
5. End-of-course assessment



300
participants
annually



After completing the Foundation Program the student is issued with a **CERTIFICATE** that allows him\her to sign up for bachelor's, master's and postgraduate degree programs in any Russian university

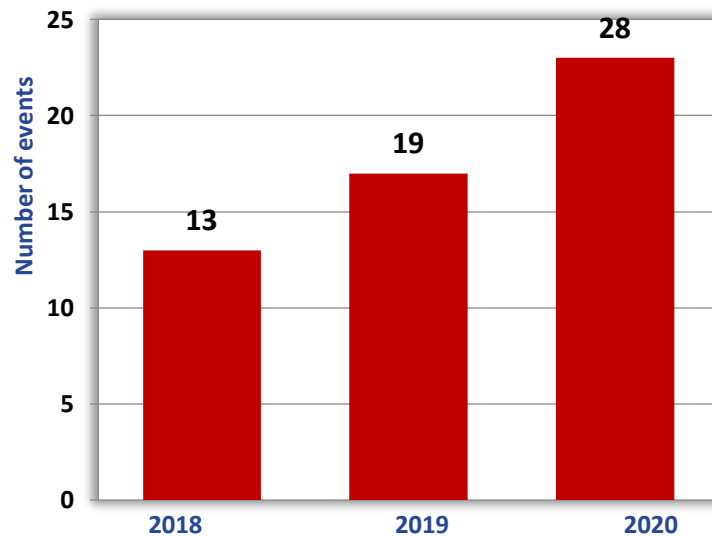
The participant can also study Russian language **concurrently** with main educational programs



SOUTH URAL ASSOCIATION OF INTERNATIONAL STUDENTS AND ALUMNI



Number of AIS events



- ✓ Scientific conferences
- ✓ National festivals (Nowruz, Day of Arab culture, Chinese New Year, Sinhalese New Year, Tea Ceremony, Day of Arab Culture, Day of Eurasian Culture, Day of African Culture, Karaoke Battle, etc.)
- ✓ Sports competitions (mini football, basketball, multidiscipline competitions, etc.)
- ✓ Social and wellness programmes (support in gaining educational fellowships, financial assistance, etc.)
- ✓ International Festival of Creative Arts «Together»
- ✓ Food Festival

Plan for **2021** –
35 events



INTERCULTURAL COMMUNICATION

Projects implemented in 2019-2020:

- ✓ SUSU Tutors Project
- ✓ SUSU Global Alumni Alliance
- ✓ Ural International Integration Centre
- ✓ Applicant – Ambassador Project



Project Applicant – Ambassador

✓ Applicant



✓ Ambassador

✓ Student

✓ Graduate



«URAL FEST» Ural forum of foreign students and alumni November 14-16, 2019

▼
April 2021

URAL FEST aims at bringing together students and alumni from different countries to discuss issues of the stay of foreign students in Russia, their residence, adaptation and training

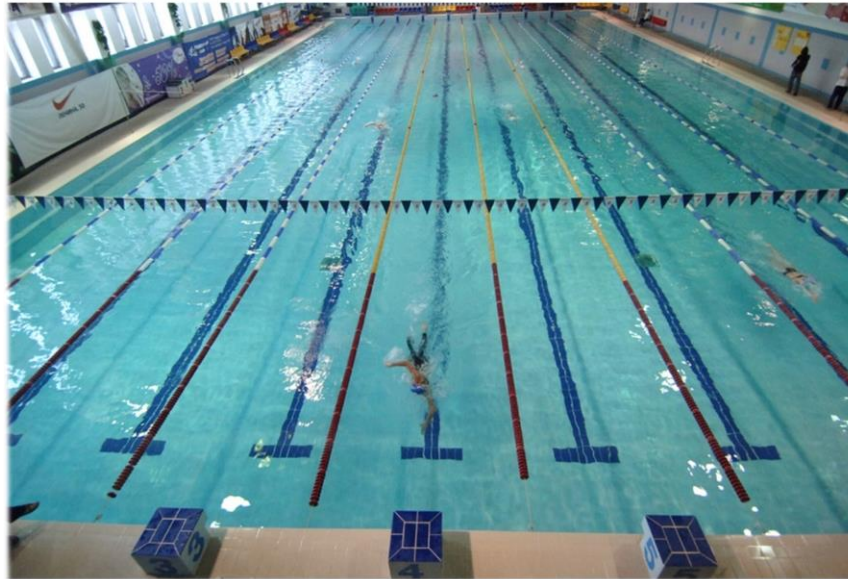


“We want to join our efforts to disseminate information about our region, the possibilities of getting education of high quality in universities of the Ural region”

*President of
Association of International Students and Alumni of South Ural
Uvindu Wijeweera*



UNIVERSITY CAMPUS



New dormitory: **2020**
3 stars according to the hotel classification



9
Dormitories



>2,5 mln.
Books in library collection



>20
Subscription scientific databases



7
Museums



3
Recreational centers



1
Medical center



1
Sports and training center



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**Thank you
for your attention!**

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