



# HSE



UNIVERSITY

NON SCHOLAE SED  
VITAE DISCIMUS



2023

# HSE

**H**IGHLY  
INNOVATIVE

**S**Ocially  
RESPONSIBLE

**E**XPERT

## OUR GOAL



The strategic goal of HSE University is to expand the frontiers of Russian science and education through implementing innovative approaches, facilitating global collaborations, cultivating talent environment alongside with contributing to global scientific and societal challenges.

## HSE UNIVERSITY



Has the status of a  
**NATIONAL RESEARCH UNIVERSITY**

Is named one of  
**TOP 3 THE MOST POPULAR**  
Russian universities in 2023

Is among mainstream Russian universities  
to receive a major grant in the  
**'PRIORITY 2030' PROGRAMME**

# HSE UNIVERSITY VALUES



**STRIVING  
FOR TRUTH**

**ACADEMIC  
FREEDOM**

**POLITICAL  
NEUTRALITY**

**PROFESSIONALISM,  
SELF-DISCIPLINE AND  
ACCOUNTABILITY**

**COLLABORATION  
AND COMMITMENT  
TO ONE ANOTHER**

**PUBLIC  
ENGAGEMENT**

**HONESTY  
AND OPENNESS**

**HSE**

# LEADER IN RUSSIA



## FIRST PLACE

in the ranking  
of Russian universities  
(Forbes, 2021, 2022)

in the 'Three University  
Missions' subject rankings  
(RAEX, 2023)



## LEADER IN ATTRACTING TALENTS

average entrance exam  
score is 96 out of 100



## TOP UNIVERSITY

in terms of graduate employability (RAEX, 2023)  
and level of graduate salaries  
(SuperJob, 2023)



## LEADER

in development of  
continuing professional  
education system in Russia

in online education  
and digital  
internationalisation



# LEADER GLOBALLY



## FIRST

among Russian universities  
in Social Sciences & Humanities,  
in Mathematics & Computer  
Science (CWTS Leiden Ranking)



## FIRST

among Russian universities  
by Google Scholar  
Citations (Webometrics  
Ranking of Universities)



## TOP-35

the only Russian university ranked  
31st in QS Top-50 Under 50

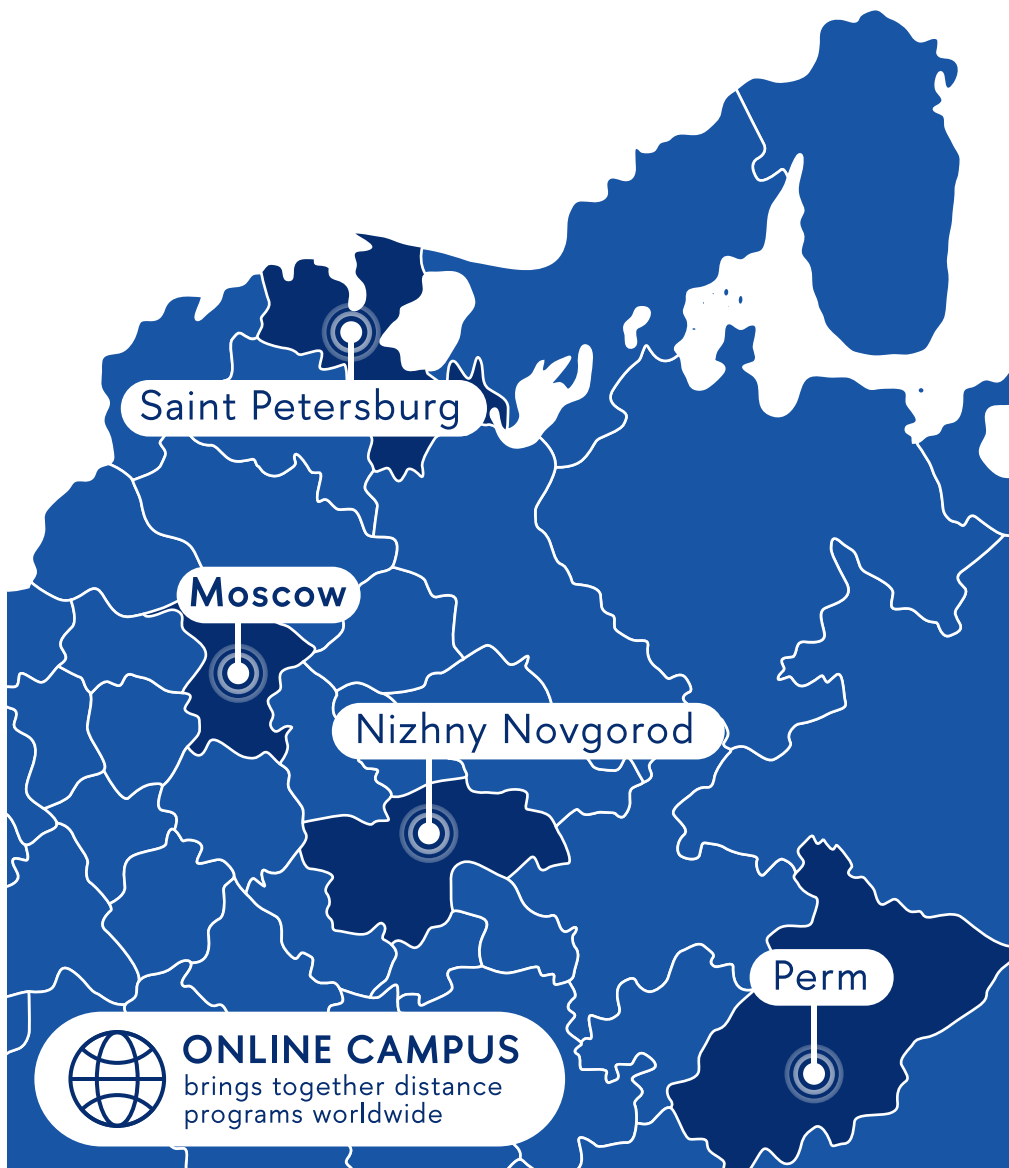


## 47 POSITIONS

in QS, THE, and ARWU  
subject/sectoral rankings

# FACTS AND FIGURES

## 5 CAMPUSES





# FACTS AND FIGURES

Students

**52 000+**

International  
students from  
~140 countries

**5 200+**

Teaching and  
academic staff

**5 000+**

International  
academic staff from  
about 50 countries

**~200**

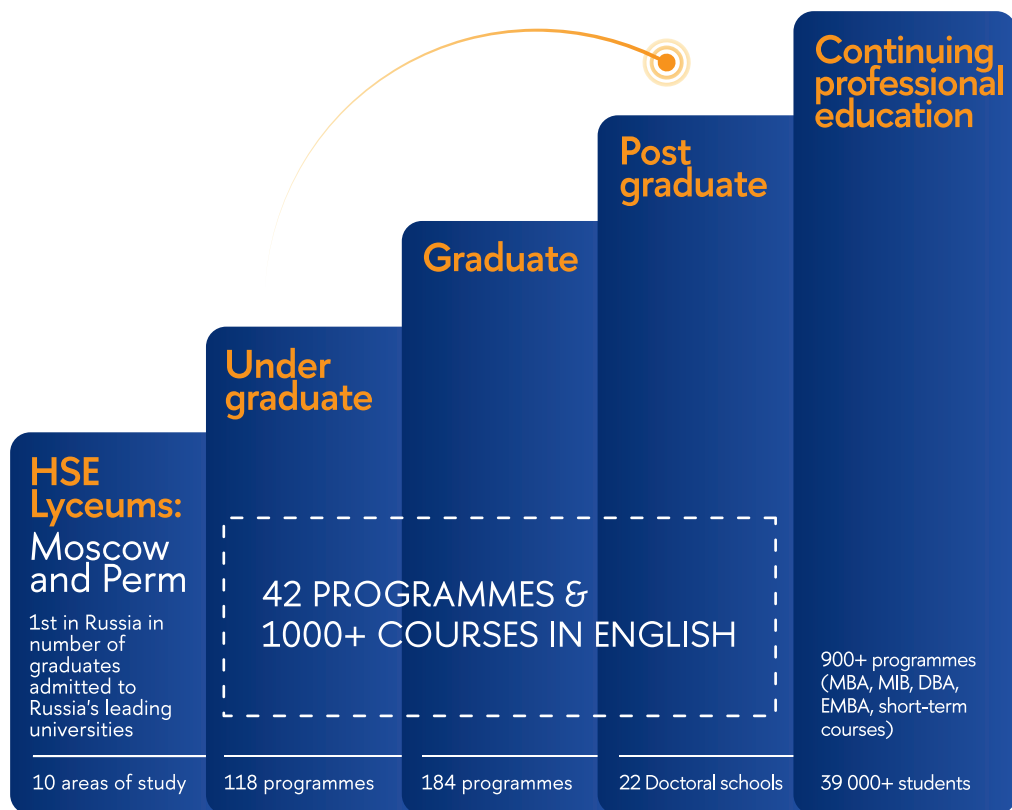
Basic research  
projects and applied  
projects per year

**>600**

International partners  
from ~60 countries

**250+**

# LIFELONG LEARNING







# A DECADE OF EXCELLENCE IN ONLINE EDUCATION



**1<sup>ST</sup> ONLINE  
CAMPUS**

in Russia

**10 YEARS**

of online education  
expertise

**>400**

online-courses  
with 2.4 million  
participants

**6 TIMES**

audience growth  
since 2017

**20**

fully-online programmes  
in English and Russian

**37,5%**

international students  
in 2022

**26%**

of disciplines  
are delivered  
across all campuses

## **SOCIAL SCIENCES, BUSINESS, ADMINISTRATION, LAW**

Economics

Marketing

Law

International Relations

Sociology

Political Science

Public Administration

Urban and Regional Development

## **HUMANITIES & CREATIVE INDUSTRIES**

Media and Communications

Art & Design

Philology

Film Production and Acting

Asian and African Studies

Linguistics and Intercultural Communication

History

## **SCIENCE, TECHNOLOGY, ENGINEERING, MATHEMATICS**

Computer Science

Psychology and Neuroscience

Geography and Geoinformation Technology

Mathematics

Chemistry

Biology and Biotechnology

Physics

# LEARN MORE ABOUT FACULTIES AND INSTITUTES

HSE University has campuses in four cities: **Moscow, St. Petersburg, Nizhny Novgorod, and Perm.** Each campus is made up of faculties, within which function schools, departments, institutes, and centres. Faculties are responsible for managing degree programmes.



## SCAN IT!



# RESEARCH & EXPERTISE

**1<sup>ST</sup>**

university in Russia to invest its own funds in creation of international laboratories

**1<sup>ST</sup>**

state university to employ academic talent from the international market

## RESEARCH UNITS

**114**

research centres

**49**

research labs

**34**

research institutes

**45+**

centres of excellence

## 2 CENTRES FOR ADVANCED RESEARCH:

Centre for **Cognition** and **Decision Making**

Centre for **Science, Technology, Innovation** and **Information Policy**

## RESEARCH RESULTS

**70%**

of faculty members have produced globally recognized research results

**1268**

articles and reviews in Q1

**OVER 3300**

publications in leading journals indexed in major citation databases (as of 2022)

**>250**

applied research projects commissioned in 2022

## FIELDS WITH MOST PUBLICATIONS

Humanities and Social Sciences

Economics

Management

Computer Science

Ecology

Agriculture

Renewable Energy

# MEGASCIENCE & INNOVATIVE SOLUTIONS



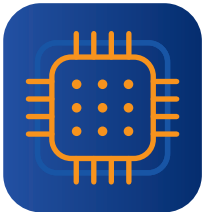
## 3 SATELLITES

launched in the Orbit since 2021  
(CubeSX-HSE-3 launched from  
Vostochny Cosmodrome in 2023)



## DYSLEXIA DETECTOR

a software using machine learning  
to identify a risk of dyslexia in children  
based on the eye movements during reading



## cHARISMa THE SUPERCOMPUTER

placed 6th on the Top-50 ranking of CIS  
high-performance computer systems



## VIRAL GENEALOGY SIMULATOR (VGsim)

for modelling COVID-19 spreading pathways

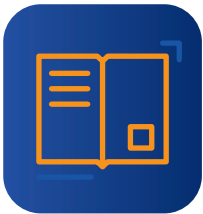


# MEGASCIENCE & INNOVATIVE SOLUTIONS



## ExhaustFS

a tool for building the most powerful cancer survival classification and regression models



## RuCLAB

(Russian Child Language Assessment Battery), a novel standardised language development test to specify the type and severity of linguistic deficit in children



## SEMITIC ETYMOLOGICAL DATABASE ONLINE

the world's only resource bringing together all available proto-language reconstructions and their reflexes in over 60 Semitic languages



## PSYCHOMETRIC TOOL

for assessing digital trust and analysing the phenomenon of "banner blindness"



# ARTIFICIAL INTELLIGENCE RESEARCH CENTRE

HSE University is **one of 6 Russian leading research organisations** to receive a government grant for creating an AI centre

## AREAS OF RESEARCH

- AI in bioinformatics: drug efficiency prediction, personalised diagnosis based on DNA data
- Reinforcement learning in applications: from recommender systems to market-making
- AI for industrial process modelling and optimization
- AI in ecology: hazard detection and origin prediction
- Generative AI for material design
- Human-AI interaction in cultural environment: ethics

SEE MORE AT



**RUSSIA TECH  
GIANTS AS  
PARTNERS**

**Y**andex



# INTERNATIONAL PARTNERSHIPS

## STUDENT MOBILITY

Students exchange programmes

Double degree programmes

Study tour at HSE university

Summer & winter schools

International events

## FACULTY & STAFF MOBILITY

Tenure track

Postdoctoral fellowship

Senior part-time programme

Digital professor programme

Joint research projects, inc. mirror labs projects

Educational & research activities for affiliated staff members

International events



**250+**  
partners

**60**  
countries



# STUDENT MOBILITY OPPORTUNITIES



## PREPARATORY YEAR

- **Basic** course
- **Intensive** course
- **Online TORFL\*** preparation course

\*TEST of Russian as a Foreign Language (TORFL)



## SUMMER UNIVERSITY

a broad interdisciplinary selection of course



## STUDY TOUR

A unique project for those who want to **gain HSE community experience, enhance their resume and prepare for career building** under the guidance of the leading experts from HSE



## CAMPUS FACILITIES

- **In-campus and online** services in English
- Academic and psychological **counselling**
- Over 200 student **associations and clubs**



# FLAGSHIP INTERNATIONAL EVENTS

~2,000 EVENTS PER YEAR

## The Yasin (April) International Academic Conference on Economic and Social Development

Leading research and  
interdisciplinary event

- ◉ various associated **events**
- ◉ **honorary reports** made  
by top global academics

**3000+** participants

**200+** foreign speakers  
and attendees

**30+** participating countries

**200+** affiliated academic  
events



April 2024  
Moscow

## International Partners' Week establishing networks worldwide to:

- ◉ **share innovations and best practices** in international education
- ◉ **strengthen** existing partnerships **and developing** new ones
- ◉ **facilitating networking**, fruitful discussions and collaborative problem solving



September  
24-30, 2023,  
Moscow



More  
international  
events

NON  
SCHOLAE  
SED VITAE  
DISCIMUS

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# CONTACTS

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