WELCOME TO LOMONOSOV MOSCOW STATE UNIVERSITY
• In 1755, on 25 January, the Empress Elizaveta signed the decree on the establishment of Moscow State University

• In the 18th century, the University had three Faculties – Philosophy, Law and Medicine

• In 1940, Moscow University was named after Mikhail Lomonosov, scientist and polymath (1711–1765)
New campus of Moscow State University was built in 1953

During the 20th century, University researchers made and continued to make significant contributions to:
- space exploration
- study of the atomic nucleus
- development of computers, and many other fields of science

In 2009 MSU was granted special legal status and was given rights:
- to adopt its own higher educational standards
- to award its own diplomas and degrees
- to be funded directly from the State budget
MSU IN RANKINGS

- 1st in Russia in all rankings
- 1st in QS Emerging Europe and Central Asia Rankings 2020
- 21st in Natural Science by QS World University Rankings 2020
- 74th in QS World University Rankings 2021
- 21st in Three University Missions Ranking
- 38th in Times Higher Education World Reputation Rankings 2020
- 93th in Academic Ranking of World Universities 2020

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MSU AT GLANCE

- 50,000 students
- 10,000+ international students from 50+ countries
- 4,000 PhD students
- 6,000 full professors, lecturers and instructors
- 10,000+ staff members

- 41 faculties and schools
- 11 research institutes
- 200 hectares
- 1,000 buildings
- 1,200,000 m² + of floor area
Eleven Nobel Prize laureates graduated from or taught at Moscow State University.

- Nikolay N. Semenov (1956)
- Igor Y. Tamm (1958)
- Ilya M. Frank (1958)
- Boris L. Pasternak (1958)
- Landau (1962)
- Alexander M. Prokhorov (1957)
- Andrey D. Sakharov (1975)
- Pyotr L. Kapitsa (1978)
- Mikhail S. Gorbachev (1990)
- Alexey A. Abrikosov (2003)
FACULTIES AND PROGRAMS OF LOMONOSOV MOSCOW STATE UNIVERSITY
Education at MSU

All branches of modern natural science, humanities, socio-economic science

- 250+ educational programs
- Balanced combination of fundamental and applied science, tradition and innovation
- Breakthrough new knowledge
- International focus
- Modern teaching methods
- Advanced skills in communication, critical analysis and research
- Specializations and in-company experience
### MSU FACULTIES

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<td>Institute for Asia and Africa</td>
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<td>Graduate School of Public Audit</td>
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<td>Higher School of Policy in Culture and Management in the Sphere of Humanities</td>
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<td>Faculty of Public Administration</td>
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<td>Business School</td>
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<td>Moscow School of Economics</td>
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<td>School of Translation and Interpretation</td>
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<td>Graduate School of Management and Innovation</td>
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<td>Faculty of Educational Studies</td>
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Faculty of Biology
- **MSc "Ecology"
- **MSc "Nanobiotechnology"

Faculty of Chemistry
- **MSc "Project Management in the Field of Decommissioning of Nuclear Facilities (including Radioactive Waste Management)"

Faculty of Computational Mathematics and Cybernetics
- **MSc "Advanced Computing and Networks"** (joint program of LMSU Faculty of Computational Mathematics and Cybernetics and Skoltech)

Faculty of Economics
- **MSc "International Business Management"** (joint program of LMSU Faculty of Economics and Jönköping International Business School, Sweden)

Graduate School of Innovation Business
- **MSc "Geological-Geophysical Exploration and Modelling of Hydrocarbon Fields"
Faculty of Global Studies
- MSc "International Relations and Global Studies" (joint program of LMSU Faculty of Global Studies and Link Campus University, Italy)
- MSc "Management of Global Social Transformations"

Faculty of Political Science
- MSc "Post-Soviet Public Policy"
- MSc "Global Order: Transformations and Challenges"

Moscow School of Economics
- MSc "Economics and Finance" (joint program of LMSU Moscow School of Economics and the University of Primorska in LMSU affiliated branch in Koper, Slovenia)
- MSc "Global Economics and Finance" (including preparation for CFA® exams)
RESEARCH
AT LOMONOSOV MOSCOW STATE UNIVERSITY
RESEARCH AT MSU

KEY RESEARCH PRIORITIES:

- Fundamental and applied research of space
- Brain research, cognitive systems, artificial intelligence
- Molecular technologies of living systems and synthetic biology
- Mathematical methods for the analysis of complex systems
- Photonic and quantum technologies
- Digital medicine
- Future of the planet: sustainable development of ecosystems
- Preservation of world historical and cultural heritage

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MSU SUPERCOMPUTERS

Moscow State University possesses supercomputers capable of 60 to 414 teraflops:
- Lomonosov-1 – capable of 1.7 petaflop;
- Lomonosov-2 – capable of 3 petaflops

MSU supercomputers are ranked 130th in the Top 500 list of the world’s most powerful computers (June 2020).

More than 600 research groups use supercomputing facilities of Lomonosov MSU.
MSU regularly launches its own research and educational satellites:

- Tatiana-1 (2005)
- Tatiana-2 (2009)
- Lomonosov (2016)

The main aim of the program is to research space beams of extremely high energy and the fast-moving processes in optical, x-ray and gamma ranges of lengths of the waves occurring in the upper atmosphere of Earth and the universe.

The space research program aims to solve theoretical and applied problems and train students to work with real-time space data.
A national depositary of living systems:

- 786,000 samples in Virtual Herbarium,
- 12,000 samples of microorganisms, fungi, plant cells etc.

The depositary bank’s main purpose is to preserve the biodiversity of our planet and create new ways of using biological material.
INNOVATIONS

MSU INNOVATION STRUCTURES INCLUDE:

• Research-technology MSU valley
• Science Park
• Student Business Incubator
• Biotechnology Incubator
MAIN CLUSTERS:

- Biomedical
- Nanotechnology and New Materials
- Mathematical Modelling and High Performance Computing
- Robotics, Engineering, Energy technology and Efficient Energy Storage
- Space Research
- Earth Sciences and Environmental Projects
- Interdisciplinary Social Projects and Cognitive Sciences

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More than 50 international conferences in all areas of science are held annually at LOMONOSOV MSU, which attract the prominent world scientists and leading industry specialists.

In 2019-20, the RUSSIAN UNION of RECTORS and LOMONOSOV MSU acted as organizers of 9 International Rectors' Forums held in Russia and abroad.
500,000+ talented young people from 80+ countries took part in the Forum for the 25-year period of its work.

The International Union of Young Scientists was created as the result of the activities of “Lomonosov” Forum – the largest youth science congress.
FESTIVAL OF SCIENCE

HOSTED BY MSU IN OCTOBER EVERY YEAR

- Motto: Feel the Science!
- 1,000,000+ visitors this year
- Lectures, interactive seminars, demonstrations and exhibitions that visualize recent technological developments

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The campus of Moscow State University on the **Leninskie Gory** is a beautiful green area.
MSU BRANCH CAMPUS

INFRASTRUCTURE
OF THE LOMONOSOV MOSCOW STATE UNIVERSITY

BAKU (AZERBAIJAN)
YEREVAN (ARMENIA)
KOPER (SLOVENIA)
TASHKENT (UZBEKISTAN)
NURSULTAN (KAZAKHSTAN)
DUSHANBE (TAJIKISTAN)

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Joint University of Lomonosov MSU and Beijing Polytechnic Institute in Shenzhen (China)

2014 Memorandum on the establishment of a joint university in China
2017 Start of education process
2019 First graduation
2020 More than 520 students
5 Faculties
6 Undergraduate programs
5 Master's programs
2 postgraduate programs
MSU DORMITORIES

- Student residence hall in the MSU Main building
- Residence hall for postgraduate students and trainee
- Student residence hall on Lomonosovsky prospect
- Student residence hall on Vernadsky Avenue
- Affiliate of the student residence hall
- Student residence hall at Kravchenko street
- Student residence hall in Yasenevo
MSU SPORTS FACILITIES
MORE THAN 100 BUILDINGS, INCLUDING:
• MSU STADIUM
• ATHLETICS ARENA
• FOOTBALL FIELDS
• SWIMMING POOL (25 M)
• GYMS
• TENNIS COURTS
MSU SCIENCE MUSEUMS

• MSU EARTH SCIENCE MUSEUM
• MSU ANTHROPOLOGY MUSEUM
• MSU ZOOLOGICAL MUSEUM
• MSU HISTORY MUSEUM

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The museum has more than 4,500,000 individual artifacts, 3,000,000 of which are insect samples. Others include mammals, birds, mollusks, and shells.

The permanent exhibition presents more than 7,500 of these pieces including the complete skeleton of a Steller’s sea cow, extinct for over 250 years and a stuffed traveling pigeon, extinct for over 100 years.

The museum conducts more than 1,700 tours every year, provided by experienced guides and even by research staff.
Tens of thousands of exhibits on some 300 stands cover all aspects of geology, paleontology, physical geography, soil science and ecology. The most salient ones are a giant rock crystal with a landscape-like pattern in it, pieces of «black smokers» from the ocean floor, samples of moon rock brought by unmanned Soviet missions in the 1970s and fragments of the enormous Sikhote-Alin iron meteorite which slammed into Russia’s Far East in 1947.
EXCURSIONS

Every year about **15,000** people visit the museum.

More than **1,000** students use the museum as the knowledge base for their studies.

- Earth in the Universe
- World volcanoes
- Rocks
- Chemical elements in nature
- Nature in megapolis
- Arctic region and the Antarctic

The museum holds cultural seminars, organizes a musical lecture course, and runs a youth club: School for Youth – Earth Sciences. Every year it holds The Young Researchers Forum.

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MSU ANTHROPOLOGY MUSEUM

MUSEUM DEPARTMENTS

- Anthropogenesis department
- Craniology and osteology department
- Photo illustrative department
- Collection of sculptural materials
- Archeology department
- Ethnography department
Moscow State University’s Botanic Garden (the «Apothecary Garden») is a site of historical and cultural interest. It is Russia’s oldest botanical garden, and the most cared-for, photogenic, accessible and informative one in Moscow.
Beautiful garden located in less than 10 minute walk from the Main Building of Lomonosov MSU
Over 5,000 species of plants
Admission for students is free.
INTERNATIONAL STUDENTS AT MSU

10,000 + INTERNATIONAL STUDENTS from 50+ COUNTRIES

IN 2020, ABOUT 2,000 NEWCOMING STUDENTS WERE ENROLLED AT MSU
INTERNATIONAL COOPERATION

700 partner universities and research centers in 57 countries on 5 continents
500+ foreign students are annually coming to MSU on exchange programs under academic mobility agreements

Main partners:
- Humboldt University
- University of Paris-Sorbonne
- Beijing University
- University of La Sapienza
- University of Barcelona
- University of Helsinki
- University of Vienna
- University of E. Rotterdam
- Tokai University
- Stockholm University
JOINT EDUCATIONAL PROGRAMS

- George Mason University (USA)
- Jönköping International Business School (Sweden)
- University of St. Andrews (UK)
- University of Reading (UK)
- Gumilev Eurasian National University (Kazakhstan)
- University of Primorska (Slovenia)

- International Management
- Public and Municipal Administration
- International Business and Development
- Political Studies
- International Economic Law
- International Finances

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BACHELOR’S PROGRAMS:

• Russian language and literature
• Mathematical modeling and information technology
• Applied Mathematics and Computer Science
• Chemistry, Physics and Mechanics of Materials
• Economics
• Biology

MASTER’S PROGRAMS:

• Russian language and culture in the modern world
• Theory and methodology of teaching Russian as a foreign language
• Nanobiotechnology
• Fundamental and systems ecology
• Urban ecology and regional planning

POSTGRADUATE PROGRAMS

• Biological sciences
• Linguistics and Literary Studies
UNIVERSITY PARTNERSHIPS

- Russian-Chinese Top University Association
- Russian-Japanese University Association
- Russian-Indian University Association
- Russian-Iranian Top University Association
- Russian-Cuban University Association
- Federation of Russian and Arabic Presidents

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