



SAMARA
STATE
MEDICAL
UNIVERSITY

priority2030^
become a leader



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Governor's Award,
Doctor of Medical Sciences,
Professor



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Government Prize, Honored Scientist
of Russia, Doctor of Medical Sciences,
Professor

Dear prospective students!

Samara State Medical University has been following an innovative path of development for over 100 years. Currently it is one of the leading medical universities in Russia. Our partners include leading universities, research institutes and the largest companies in the country.

SamSMU is widely known outside of Russia. The geographic reach of students, scientists and specialists at the university is expanding every year. Students from 34 regions of the Russian Federation and 32 countries study at the University. The 'General Medicine' specialty is taught in English.

In 2021, SamSMU won the federal "Priority 2030" competition for strategic academic leadership taking a place among the best universities in the "Sectoral and/or territorial leadership" category. As a strategic goal, SamSMU chose to become the driver for the development of the high-tech "Information technologies in healthcare" economy sector by 2030. The University has a team that designs and implements a new model of a modern medical university.

We shifted the focus to applied and product-related activities, identifying bionics, biotechnology, neurotechnology and biomarker-driven strategy as priorities.

SamSMU is the leader in the area of innovation. The university developed and implemented a unique model of full-cycle scientific and innovative development of a range of original and import-substituting high-tech medical devices and services. Our products are used at the medical institutions in Russia and abroad.

The SamSMU Clinics are a modern medical, scientific and educational complex, comprising 57 medical units. It provides medical care in more than 50 specialized areas to patients from Russia and abroad, while applying own innovative approaches and developments in medical care. The Clinics successfully provide high-tech medical care in the areas of organ transplantation, hematology, cardiac surgery and joint replacement.

We continue to develop, following the global trend of applying innovative technologies in medicine. The University has unique scientific foundations in the field of digital healthcare, biomedicine and neuroscience using artificial intelligence, big data, AR/VR. I am sure that all this will help us achieve our goals.

STRATEGIC LEADERSHIP

Samara State Medical University:

- in 2022 after an external independent examination conducted by the Independent Accreditation and Rating Agency (NAAR/IAAR) the Accreditation Council of IAAR granted SamSMU international institutional accreditation for the period of 5 years for 5 specialty programs ('General Medicine', 'Paediatrics', 'Dentistry', 'Preventive Medicine', 'Pharmacy') and 5 CPE programs ('Fundamentals of coronary interventions', 'Heart defects and surgery', 'Current international recommendations in cardiology', 'Duplex scanning of carotid arteries', 'Current aspects of assessing valvular pathology in echocardiography') **обладатель базового и спецгранта по треку «Территориальное и (или) отраслевое лидерство»**
- leader of the Priority 2030 program
- recipient of basic and special grant in the "Territorial and (or) industry leadership" category
- winner of the competition for the creation of the National Technology Initiative centres (NTI) in the area of end-to-end technology "Bionic engineering in medicine"
- winner of leading research center competition (PERSONS) "Virtual reality technologies and augmented reality"



Top-200
universities in the world



43rd position
among Russian universities



SCIMAGO
INSTITUTIONS
RANKINGS

576th position
among world universities



4th position
among medical universities
in Russia



Top 10%
of the best universities
in the world



MosIUR
THE THREE UNIVERSITY MISSIONS

Top 10
best medical universities
in Russia



EDUCATION: TRADITIONS AND INNOVATION

- century-old traditions and leading scientific - pedagogical schools of Russia
- graduates of all specialties in high demand on the labour market
- continuous education: from student to professor
- individual trajectories for personal and professional development

Over
6 000
students

120
post-graduate
students

Over
1 000
residents

INSTITUTE OF CLINICAL MEDICINE

"General Medicine" specialty. Qualification upon graduation: "General practitioner". After graduating from the Institute a graduate can continue their studies in residency, choosing from a vast number of more focused specialties.



INSTITUTE OF PEDIATRICS

Graduates receive the qualification of "Pediatrician" and can continue their studies in clinical residency both in pediatrics and in the chosen focused specialty in the areas of children's or adult medicine.



INSTITUTE OF DENTISTRY

Graduates of the Institute of Dentistry can work as GP dentists and upon completion of their residency – as GP dentists, dental therapists, orthopaedic dentists, dental surgeons, maxillofacial surgeons or orthodontists.

INSTITUTE OF PHARMACY

The Institute trains students in the specialty of "Pharmacy". Graduates work in pharmaceutical companies and manufacturing facilities, in the distribution sector of the pharmaceutical market, at the centers for drug quality control, in health management bodies. After 5 years of training, graduates of the Institute that have attained the qualification of "Pharmacist" can continue their studies in residency or choose postgraduate studies, becoming a specialist in "Management and Economics of Pharmacy", "Pharmaceutical chemistry and pharmacognosy", "Pharmaceutical Technology".

7 academic buildings,
24 clinical bases in leading
medical institutions
of Samara and the region

80 departments

750 teachers

1 Academician of the Russian
Academy of Sciences

1 Corresponding Member
of the Russian Academy
of Sciences

1 Professor of the Russian
Academy of Sciences

180 Doctors of Sciences

461 Candidates
of Sciences



INSTITUTE OF PREVENTIVE MEDICINE

The Institute trains students in the "Medical and preventive care" specialty. Graduates can work as general hygiene specialists, epidemiologists in organizations of Rospotrebnadzor and healthcare institutions, and if they choose to continue their studies – as specialists in clinical laboratory diagnostics, medical microbiology, etc.

INSTITUTE OF NURSING

The Institute trains students in the areas of "Nursing" (bachelor's degree), "Public Health" (Master's degree), in the "General Medicine" specialty (secondary vocational education). Continuous professional education: professional retraining and professional development in 16 specialties.

Training of specialists at the Institute is based on WorldSkills standards



INSTITUTE OF PROFESSIONAL EDUCATION

Training of residents in 54 Specialties.

Continuous professional education: professional retraining and professional development.

85%

of the academic
staff have academic
degrees



INSTITUTE OF SOCIAL, HUMANITARIAN AND DIGITAL DEVELOPMENT OF MEDICINE

The Institute trains students in the "Clinical Psychology" and "Medical Cybernetics" specialties. Graduates of the specialty "Clinical Psychology" work in health care, education, social care institutions, in business, management and manufacturing. A doctor cybernetist's education uniquely combines medicine and cybernetics. Specialists in medical cybernetics work at the intersection of computer science, physics, biology and medicine. They can hold scientific, teaching and medical positions at healthcare institutions and other organizations requiring specialists skilled in the development and implementation of medical information technologies.



7 SamSMU programs are recognized as "The best educational programs of innovative Russia"

- More than 13 thousand people annually obtain higher professional qualifications
- English-language training programs have been developed for international students in the specialties "General medicine", "Dentistry", "Pharmacy"
- The programs in "General Medicine" and "Pediatrics" specialties have international accreditation and are included in the European Quality Assurance Register for Higher Education (EQAR)

Admission committee — for applicants to the SamSMU

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PRE-UNIVERSITY EDUCATION



SAMSMU CENTER FOR YOUTH INNOVATION AND CREATIVITY

The Center offers classes for 5-17 year olds:

- Year-long courses
- The Centre's Summer School
- Medical quests and excursions to the anatomical museum for school groups
- Individual classes

The Center of Pre-university Education at SamSMU conducts preparatory courses for the Basic State Exam and the Unified State Exam in chemistry, biology and Russian, as well as for the national Olympiads and conferences for schoolchildren.



SamSMU SCHOOL BASES AND HUBS

"SamSMU school bases and hubs" is a joint career guidance project with the Ministry of Education and Science of the Samara region. As a result of competitive selection a number of educational institutions that prepare students for admission to medical universities have been identified.

School hubs – **6**
School bases – **23**

specialty equipped
medical study rooms



access to the
electronic
information
and educational
environment
and the SamSMU
library



classes
are taught
by the SamSMU
lecturers



popular
science
lectures from
the SamSMU
scientists

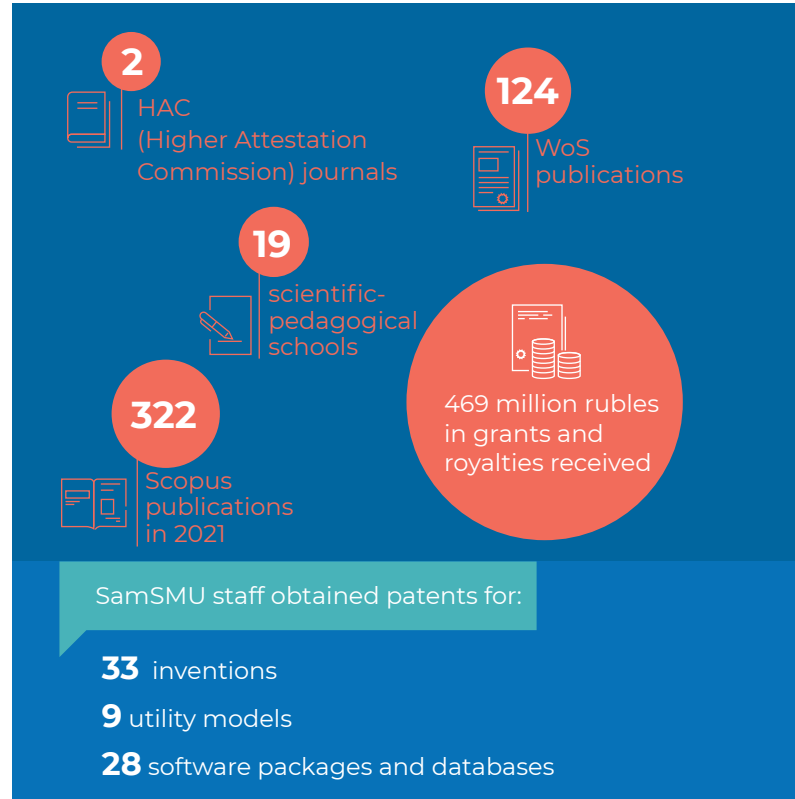


career
guidance
excursions



SCIENTIFIC ACTIVITIES

- Current areas of scientific research: genomics, proteomics, glycomics, bionics, cellular and tissue technologies, regenerative and personalized medicine, neurotechnologies, new materials, 3D bioprinting
- Development of biomedical products, evaluation of biomedical cell products, clinical trials of medical appliances
- Postgraduate training in 41 specialties with a 70% efficiency, 6 dissertation councils in 13 specialties
- Cooperation with universities, medical and pharmaceutical companies in France, Germany, Switzerland, USA and other countries
- COVID-19 research group
- Preclinical and clinical research as part of commercial and non-commercial partnerships
- Development of biomedical products



SCIENTIFIC INFRASTRUCTURE



INNOVATIVE DEVELOPMENT

GEOGRAPHY OF DELIVERIES



More than
25
developments
have been transferred
into mass
manufacturing

A range of ecosystems have been developed:

- rehabilitation complexes
- radiological software products and clinical decision-making support systems (CDSS)
- telemedicine devices for remote monitoring of patients' health
- educational VR products for medicine

They are successfully implemented in various fields of medicine, over 50 developments and projects are currently being tested



MAJOR PROJECTS OF THE SAMSMU INSTITUTE OF INNOVATIVE DEVELOPMENT IN THE FIELDS OF SURGERY, REHABILITATION, DIAGNOSTICS AND EDUCATION



AUTOPLAN surgical navigation system



AUTOPLAN radiologist's workstation, including CAD modules developed using artificial intelligence technology



ReviVR – multisensory simulator for passive rehabilitation



ReviMotion – multisensory simulator of active rehabilitation



Health check-up – digital ecosystem for remote monitoring of patients' health –



BLUE SKY glasses for restoring circadian biorhythms



"Pirogov" interactive anatomy



Virtual simulators for medical education: "Emergency medical care", "Ambulance", "Tracheostomy", etc.



STUDENT LIFE



Library with a unique collection of specialized medical literature and periodicals



20 Creative teams



Sports hall, gym and two outdoor sports grounds



More than 500 cultural, creative, scientific, sports and social events



10 athletic societies



4 comfortable dormitories that accomodate 2.5 thousand students



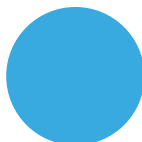
'Medic' food hall

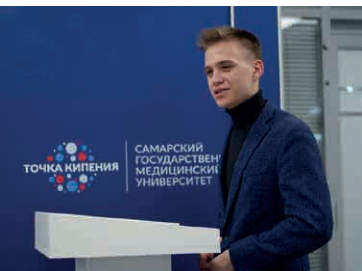


Volunteering Center "Medical Volunteers"



Social support for students





147 winning projects in 3 years



more than 700 students participated in scientific and practical Olympiads



more than 800 publications a year in conference collections and peer-reviewed



9 student societies engaged in the development of extracurricular activities



1391 students work in medical and preventive institutions of the Samara region as mid-level and junior medical personnel



more than 60 student scientific societies



more than 500 project applications for federal and regional grants



SamSMU Clinics

The SamSMU Clinics are a state-of-the-art medical, educational and scientific complex that ensures accessibility and high quality of medical care for the population in Samara, the Volga region and internationally.





Clinics include 57 medical units, including 30 inpatient and diagnostic units



Own clinical diagnostic laboratory and pharmacy



Clinics have a COVID-19 hospital



Scientific and Practical Center of Long-distance Medicine, which provides telemedicine consultations to patients located in the Russian Federation



The clinical base and technological capacities allow for more than 60 operations per day



Over the year, about 25 thousand patients are admitted to the SamSMU Clinics



Over 200 thousand outpatient consultations a year



SamSMU clinics:

The highest scientific and clinical potential: professors, associate professors, Doctors of Sciences, state prize winners and honorary doctors

Solid material and technical base: high-tech equipment, ample number of hospital beds, own clinical and diagnostic laboratory, pharmacy

Comprehensive approach to treatment: specialized consultative and diagnostic assistance, multidisciplinary hospital, step-by-step rehabilitation, 24/7 emergency medical care



INTERNATIONAL COOPERATION



SamSMU is the winner of the Association of Eastern European Universities Award in the "Mobility of students and teachers" nomination



10 international lecturers and scientists on staff



38 cooperation agreements with universities and international organizations in Germany, France, the United Kingdom, Denmark, Italy, Greece, Bulgaria, Israel, India, Finland and CIS countries

INTERNSHIPS ABROAD
AND STUDENT EXCHANGES

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