



GUBKIN UNIVERSITY

Moscow, 2024



STUDENT ENROLLMENT

11,900+ students
64% male
36% female
1,700+ international students

PROGRAMS

42 Bachelor's
14 Specialist's
52 Master's
43 PhD
250+ professional development

STRUCTURE

11 faculties
82 departments
3 branches:
Orenburg, Russia
Tashkent, Uzbekistan
Atyrau, Kazakhstan

FACULTY

1,200+
faculty members
260 Doctors of Science
585 Candidates of Science

RESEARCH

3 research areas
34 research laboratories
11 research and academic centers

COOPERATION

20+ business partners
50+ academic partners
35+ schools

The University strategy is reflected in the Development Program of Gubkin Russian State University of Oil and Gas (National Research University) for 2021-2030 as part of the implementation of the strategic academic leadership program «Priority 2030» which was approved by the Ministry of Science and Higher Education of the Russian Federation on 10 September 2021.

The goals of the Program are:



development of world-class fundamental and applied scientific research in the field of hydrocarbon, carbon, hydrogen industries, energy and environmental management;

training and education of comprehensively developed competitive personnel to ensure the development of the global hydrocarbon, carbon, hydrogen, energy and environmental management industries;

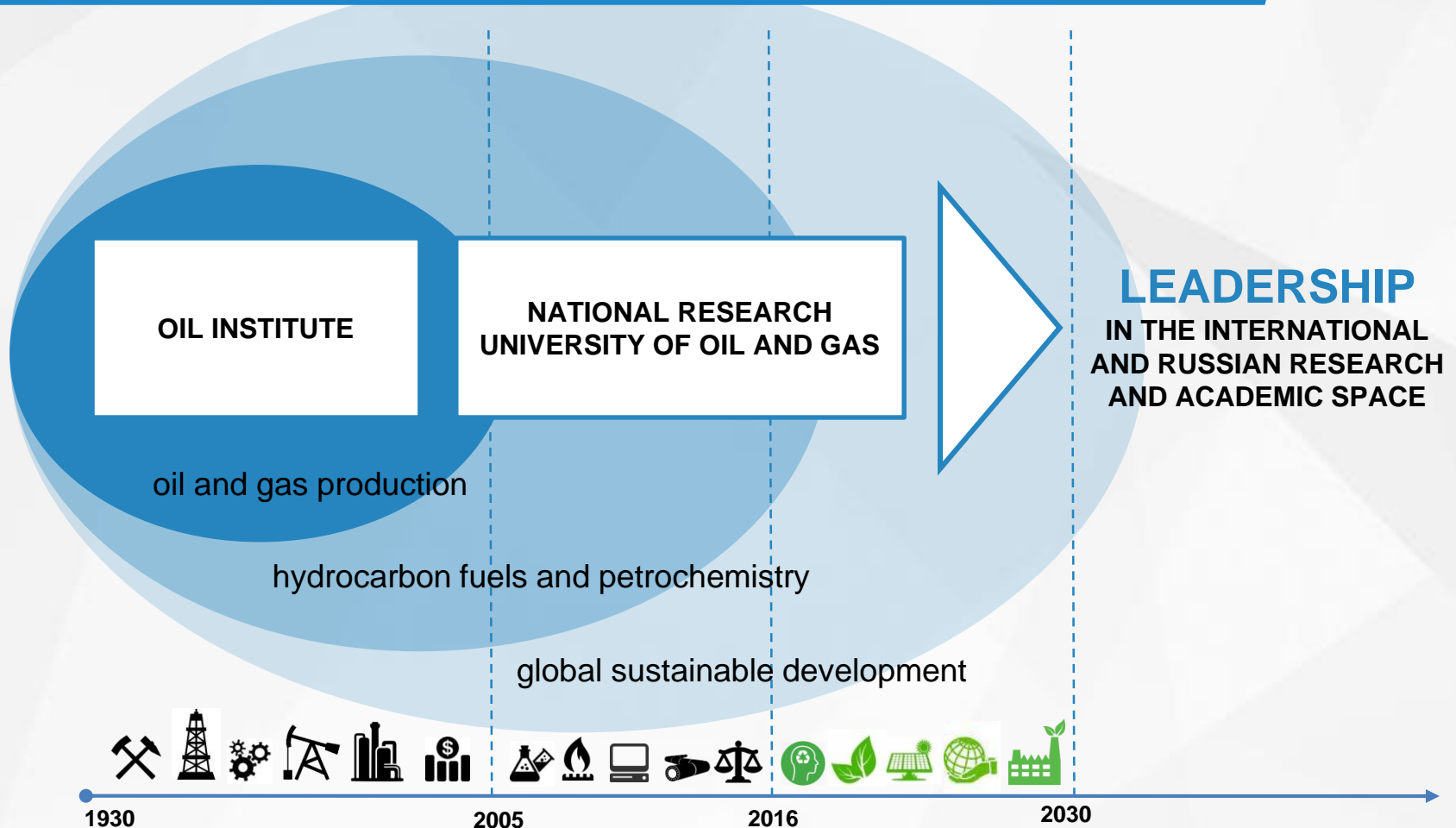


coordination of scientific and educational activities in regional research and educational organizations, including those operating in the interests of large industrial complexes to improve the efficiency of socio-economic development of the regions of the Russian Federation;

expansion into the international market of scientific and educational services.



FROM RESOURCES PRODUCTION TO GLOBAL SUSTAINABLE DEVELOPMENT



TRAINING PROFESSIONALS FOR THE WHOLE PRODUCTION CHAIN OF THE OIL AND GAS INDUSTRY



1 **UPSTREAM**
exploration
drilling
production

2 **MIDSTREAM**
transportation
storage

3 **DOWNSTREAM**
manufacturing
distribution
marketing

11 FACULTIES:

- Petroleum geology and geophysics
- Oil and gas field development
- Design, construction and exploitation of pipeline transport systems
- Mechanical engineering
- Chemical and environmental engineering
- Automation and computer engineering
- Integrated security of the fuel and energy complex
- Economics and management
- International energy business
- Law
- Humanities



BACHELOR'S

- Geology
- Applied mathematics
- Ecology and natural resource management
- Informatics and computer engineering
- Instrument engineering
- Electric power engineering and electrical engineering
- Petroleum engineering
- Chemical technology
- Management in technical systems
- Mechanical engineering
- Business Informatics
- International relations
- Technological machines and equipment
- Energy and resource saving processes in chemical engineering, petrochemistry and biotechnology
- Technosphere safety
- Standardization and metrology
- Economics
- Management
- Jurisprudence



SPECIALIST'S

- Applied geology
- Technologies of geological survey
- Physical processes of mining or oil and gas production
- Oil and gas engineering and technology
- Information security of automated systems
- Information and analytical security systems
- Economic security
- Legal support of national security



MASTER'S

- Applied mathematics
- Petroleum engineering
- Chemical technology
- Ecology and natural resource management
- Informatics and computer engineering
- Instrument engineering
- Electric power engineering and electrical engineering
- Technological machines and equipment
- Energy and resource saving processes in chemical engineering, petrochemistry and biotechnology
- Technosphere safety
- Information security
- Management in technical systems
- Standardization and metrology
- Economics
- Management
- Jurisprudence
- Public relations and advertising



PHD PROGRAMS

- Mathematics and mechanics
- Informatics and computer engineering
- Biological sciences
- Earth and Environmental Sciences
- Electronics, photonics, instrumentation and communications
- Information technology and telecommunications
- Energy and electrical engineering
- Mechanical engineering
- Chemical technologies, materials sciences, metallurgy
- Subsoil use and mining sciences
- Law
- Sociology
- Economics
- Jurisprudence



250+ PROGRAMS AND 10 300+ STUDENTS

COVER the entire spectrum of professional activity within the oil and gas enterprise, including:

- geology
- drilling
- production
- oil and gas pipeline transportation
- engineering, construction and rehabilitation
- natural gas and LNG distribution
- oil refining and gas processing
- oil products transportation, storage and distribution
- automation
- electrical and power engineering, environmental engineering, industrial safety

DESIGNED with the use of up-to-date training aids such as full-scale simulators, computerized courseware and modern laboratory equipment;

DELIVERED in English and Russian;

OFFERED for university graduates and industry professionals.

Advanced training

Professional retraining

Individual professional training



MODELING OF PROFESSIONAL ACTIVITY

COMPONENTS OF THE ACADEMIC PROCESS

- Real production data
- Computer tools and models
- Methodological support

OBJECTIVES

- Teamwork
- Interdisciplinary training
- Solving real production problems
- Developing leadership competencies

INFRASTRUCTURE CAPABILITIES

- Full-scale drilling simulators (2D and 3D)
- Field Development Control Center
- Center for dispatching control of gas transportation and production complexes
- Offshore Drilling Center
- Center for Digital Doubles
- Virtual Oil Refinery
- Oil and Gas Library with a collection of almost 1.3 million copies



KEY AREAS



Energy efficiency and conservation in the development and use of hydrocarbon resources



Increasing the resource base of fuel and energy complex. Exploration and development of hydrocarbon deposits on the shelf with hard-to-recover reserves and non-traditional sources



Environmental, industrial and information security of oil and gas production



Digitalization of production and management of the fuel and energy complex



DELIVERY

RESEARCH WORK

R&D carried out for the amount of **895** million rubles
570 contracts concluded for R&D

THESIS DEFENSE

4 for Doctor of Science
37 for Candidate of Science

PUBLICATIONS

38 monographs
22 collections
of research papers
1,955 scientific articles

PATENTS

17 scientific Russian
and foreign patents

EVENTS

42 scientific and technical
conferences and seminars

as of 2022



ACTIVITIES

1 Offer Master's degree programs in partnership with foreign academic institutions



20+
business partners
50+
partner
universities

3 Carry out contractual work for oil and gas industry organizations



2 Contribute to development of academic mobility and exchange programs



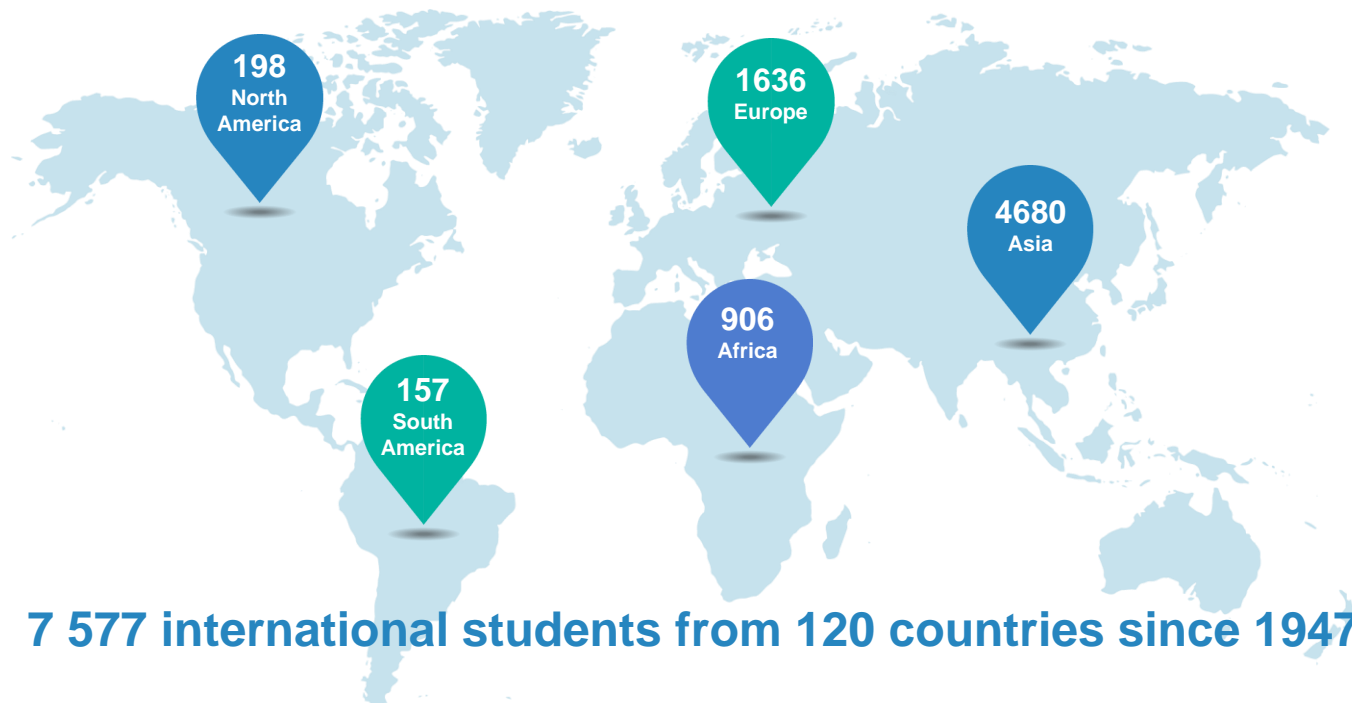
4 Host international research and academic summer schools with foreign partner academic institutions



5 Participate in international associations as a member



GEOGRAPHY



7 577 international students from 120 countries since 1947



ACHIEVEMENTS

SOCIETY

- Winner of the XII International Environmental Olympiad of CIS Universities;
- Winner of the Moscow Student of the Year competition

SPORT

- sambo world champion;
- winner of the Student Sailing League Cup;
- medalist of the Moscow Student Hockey League championship;
- champion of the European Open Championship among student teams in the "Cheerleading" nomination;
- champions of Russia in fitness aerobics;
- winner of the XXXV Moscow Student Sports Games
- winner of the Russian Fitness Aerobics Championship

RESEARCH

- Laureate of the award of the Government of the Russian Federation;
- winner of the business project competition of the XIV International Scientific Student Congress "Economics of Russia: new development trends";
- winner of the startup competition of the SEZ "Innopolis";
- laureate of the XXII All-Russian competition "Engineer of the Year"
- University professors awarded with the Russian Government Prize
- Winner of the VI All-Russian Award for the best oil and gas industry SSU
- Chairman of the Council of Young Scientists awarded with the "Chinese Ambassador's Award"

15 student organizations

23 sport teams

22 art studios



Some activities are of special value as they are parts of Gubkin University collective history and unite all University students, alumni, faculty and staff. These traditions make it possible to feel deeply the spirit of Gubkin University and get actively involved in the University life.



GUBKIN DAY



**OFFSITE STUDIES
IN ZALUCHYE**



MISS UNIVERSITY



KNOWLEDGE DAY



JOB FAIR



STAR START



**CONFERENCE
«OIL AND GAS»**



GRADUATION



**DAY OF THE FIRST
YEAR STUDENT**



**PUSHKIN YOUTH ARTS
FESTIVAL**

GLOBAL



1500+
overall university ranking
400+
rankings by subject



TOP 166 university
ranking among BRICS
countries



TOP 182 university
ranking among developing
countries of Europe and
Central Asia



77
teaching ranking
82
research
67
international diversity
22
financial sustainability
ranking

RUSSIAN



23
Russian university ranking



26
Russian university ranking



17
ranking of university effectiveness
monitoring



15
Russian university ranking of Internet
resources in English



5
overall ranking "Russian Universities
Through the Eyes of Students"

WHY GUBKIN UNIVERSITY?

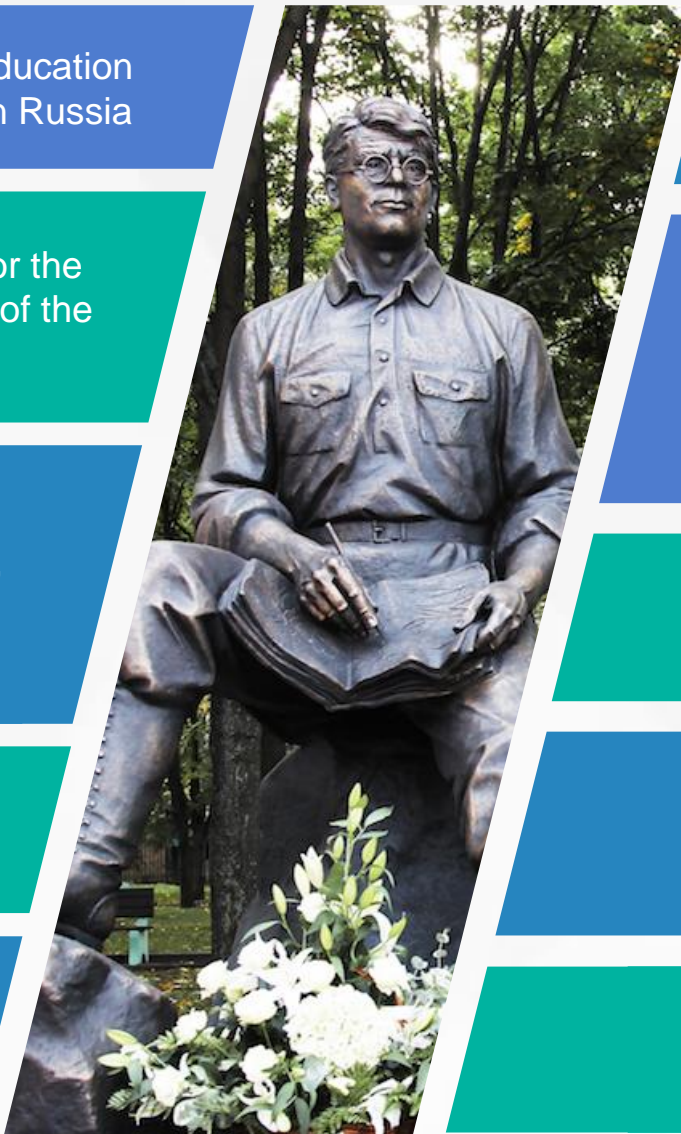
1 Prestigious university education in the oil and gas field in Russia

2 Training of specialists for the whole production chain of the industry

3 The highest indicators according to employers' demand

4 Interdisciplinary and network training

5 Training with use of up-to-date aids and simulators



The highest paid graduates in Russia

6

The opportunity to study in English and obtain dual diplomas

7

Unique and modern infrastructure

8

Comfortable and well-equipped campus

9

Exciting student life

10



JOIN THE FRIENDLY FAMILY
OF GUBKIN UNIVERSITY!

