



**SINO-RUSSIAN SUMMER SCHOOL**

# **FUTURE ENERGY**

## **SYNTHESIS OF HERITAGE AND INNOVATIONS**

**GUBKIN UNIVERSITY, MOSCOW**  
**18-26 JULY 2026**



# ABOUT GUBKIN UNIVERSITY

## Located in Moscow

The university is situated in Moscow, the capital and largest scientific and educational center of Russia.

## Gubkin University

is the flagship of Oil and Gas education in Russia.

For more than 95 years, the university has trained specialists for the global energy sector.

Gubkin University today serves as a high-tech proving ground for science and innovation.

Traditional engineering education here goes hand in hand with digital transformation. The university is actively implementing AI technologies and field digital twins across its curriculum. It's no longer just about classrooms, but about cutting-edge labs and virtual training suites where students can simulate the most challenging drilling and midstream operations in real time.

The university actively promotes international cooperation and welcomes students from around the world.

**1ST IN OIL AND GAS ENGINEERING AND  
2ND IN CHEMICAL ENGINEERING ACCORDING TO RAEX UNIVERSITY RANKING**



# PROGRAM INFORMATION

## Program Format

**LECTURES BY LEADING  
RUSSIAN EXPERTS**

**PRACTICAL  
SESSIONS**

**DISCOVERING RUSSIAN  
TRADITIONS AND CULTURE**

**MASTER-CLASSES**

**EXCURSIONS**

**3 TRACKS**

**40 ACADEMIC HOURS**

## Academic Interest

This school is designed for "bridge-builders" - students who want to understand how the heritage of the energy industry (classic methods) meets the innovation of the future (biotech, new economic vectors, and modern engineering).

Participating in the summer school is a unique opportunity to get acquainted with Russian educational traditions, broaden your horizons, make new friends, and gain unforgettable experiences. We are sure that your time at Gubkin University will become a bright and meaningful chapter in your academic and personal journey.

## ACADEMIC TRACKS

### Engineering

New Trends Shaping Modern Engineering Practices

### Energy & Economics

Future development of Energy and Economics: vectors & horizons

### Petrochemicals

Future Directions in Petrochemicals: Classic Techniques and Emerging Biotech Solutions

*Please note that the program schedule is subject to change based on actual circumstances.*

# PROGRAM OVERVIEW

## ENGINEERING

### New Trends Shaping Modern Engineering Practices

This track introduces modern engineering approaches used in the oil and gas industry, including equipment design, refining technologies, digital tools such as AI and machine learning, and innovative manufacturing methods.

## PROGRAMME SCHEDULE

**SATURDAY  
JULY 18**

ARRIVAL DAY

**SUNDAY  
JULY 19**

MOSCOW  
CITY-TOUR

**MONDAY  
JULY 20**

LECTURES:  
The Role of Hydrocarbons in the Transformation of Global Energy at the Present Stage  
  
Cooperation Between Russia and China in the Fuel and Energy Complex  
  
Gubkin University: History and Modern Approaches  
  
CAMPUS TOUR

**TUESDAY  
JULY 21**

LECTURES:  
Main Directions of Equipment Engineering for Oil and Gas Extraction  
  
Friction and Wear of Oil and Gas Equipment: Problem Solving Strategies  
  
RUSSIAN FOLK CRAFTS MASTER-CLASS

**WEDNESDAY  
JULY 22**

LECTURES:  
Technologies and Equipment for LNG Production  
  
Oil Processing Equipment: Fundamentals of Design  
  
EXCURSION MUSEUM OF COSMONAUTICS VDNH

**THURSDAY  
JULY 23**

LECTURES:  
Prospects of Additive Technologies Application for Creating Oil and Gas Equipment  
  
Electricity as an Independent Fuel Source  
  
EXCURSION MOSCOW METRO

**FRIDAY  
JULY 24**

LECTURES:  
ML and AI Technologies in Energy Industry Applications  
  
Integrated Information and Management Systems in the Oil and Gas Industry  
  
LUKOIL MUSEUM -SCHOOL CLOSURE.

**SATURDAY  
JULY 25**

FREE-DAY

**SUNDAY  
JULY 26**

DAY OF DEPARTURE

# PROGRAM OVERVIEW

## ENERGY & ECONOMICS

### Future Development of Energy and Economics

This track explores the transformation of the global energy sector, focusing on Russia–China cooperation, energy markets, the transition to sustainable energy, and key challenges in energy economics and security.

### PROGRAMME SCHEDULE

**SATURDAY  
JULY 18**

ARRIVAL DAY

**SUNDAY  
JULY 19**

MOSCOW  
CITY-TOUR

**MONDAY  
JULY 20**

LECTURES:  
The Role of Hydrocarbons in  
the Transformation of Global  
Energy at the Present Stage

Cooperation Between Russia  
and China in the Fuel and  
Energy Complex

Gubkin University: History and  
Modern Approaches

CAMPUS TOUR

**TUESDAY  
JULY 21**

LECTURES:  
Global Economy in the  
Context of Energy Transition

Vectors of Sustainability: How  
Energy Shapes the Economy  
of the Future

RUSSIAN FOLK CRAFTS  
MASTER-CLASS

**WEDNESDAY  
JULY 22**

LECTURES:  
Renewable Energy Sources  
in a Vertically Integrated  
Oil Company

Fundamentals of hydrogen  
energy and hydrogen  
transport

EXCURSION MUSEUM OF  
COSMONAUTICS VDNH

**THURSDAY  
JULY 23**

LECTURES:  
Oil and Gas Trading

Logistics and Supply Chain  
Management in the Energy  
Sector

EXCURSION MOSCOW  
METRO

**FRIDAY  
JULY 24**

LECTURES:  
Regulatory instruments of  
low-carbon economy  
development. Carbon  
markets

International and Regional  
Energy Security Discourse in  
Modern Intergovernmental  
Relations

LUKOIL MUSEUM  
-SCHOOL CLOSURE.

**SATURDAY  
JULY 25**

FREE-DAY

**SUNDAY  
JULY 26**

DAY OF DEPARTURE

# PROGRAM OVERVIEW

## PETROCHEMICALS

### Future Directions in Petrochemicals: Classic Techniques and Emerging Biotech Solutions

This track focuses on modern petrochemical technologies, environmentally friendly chemical processes, and innovative solutions, including emerging biotechnology applications in the chemical industry.

## PROGRAMME SCHEDULE

**SATURDAY  
JULY 18**

ARRIVAL DAY

**SUNDAY  
JULY 19**

MOSCOW  
CITY-TOUR

**MONDAY  
JULY 20**

LECTURES:  
The Role of Hydrocarbons in  
the Transformation of Global  
Energy at the Present Stage

Cooperation Between Russia  
and China in the Fuel and  
Energy Complex

Gubkin University: History and  
Modern Approaches

CAMPUS TOUR

**TUESDAY  
JULY 21**

LECTURES:  
Modern trends in the  
development of oil  
formulation for automatic  
transmissions

Types of Additives for Fuels  
and Lubricants

RUSSIAN FOLK CRAFTS  
MASTER-CLASS

**WEDNESDAY  
JULY 22**

LECTURES:  
Modern Catalytic Systems  
and Functional Materials for  
Energy Generation and  
Storage

Biofuels from Renewable  
Fatty Acid Feedstock:  
Biochemistry and Scalability

EXCURSION MUSEUM OF  
COSMONAUTICS VDNH

**THURSDAY  
JULY 23**

LECTURES:  
Green Methods of Water  
and Soil Bioremediation:  
the Role of Plants

Remediation of Subsurface  
Petroleum Contamination:  
Towards Sustainable Soil  
and Groundwater  
Restoration

EXCURSION MOSCOW  
METRO

**FRIDAY  
JULY 24**

LECTURES:  
Chemometrics Approaches  
to Green Analysis of  
Petroleum

Industrial Production of  
Aromatic Hydrocarbons

LUKOIL MUSEUM  
-SCHOOL CLOSURE.

**SATURDAY  
JULY 25**

FREE-DAY

**SUNDAY  
JULY 26**

DAY OF DEPARTURE

# PRACTICAL INFORMATION

## Dates

July 18 – July 26, 2026

## Location

Gubkin University, Moscow

## Working language

Proficiency in English is essential, as all lectures and master-classes will be conducted in English

## Requirements

The summer school is designed for:

- last-year Bachelor's students, first- and second-year Master's students
- Have a background in petroleum engineering, economics and petrochemicals depending on a track.
- Applicants should be motivated to foster mutual understanding and friendship among peers.

## Costs

Participation in the Summer School is **free of charge**.

**Students pay** for travel to Moscow, accommodation (we will assist with the booking), medical insurance and meals outside the university on their own.

You need to have money with you for unforeseen expenses, buying souvenirs and etc. something like 1500 rubles per day (minimum).

## Contact information

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Mobile: +7 915 330 40 23

Email: [prygaeva.e@gubkin.ru](mailto:prygaeva.e@gubkin.ru)



# APPLICATION INFORMATION

## Application deadline

**May 15, 2026**

The completed registration form should be sent to:

**prygaeva.e@gubkin.ru**

to the representative of your university's international department (who will then forward general information). The registration form is attached to this message as a Word document.

## Registration Requirements

### 1. Language of the Form

The registration form must be completed in English.

### 2. Name and Surname

Your first name and last name must be written in English, exactly as they appear in your passport.

### 3. Passport Copy

The registration form must be accompanied by a copy of the first page of your passport. The passport information will be used to prepare your university pass.

### 4. Visa Information

Due to the visa-free program currently in effect between our countries, travel arrangements have become significantly easier. In most cases, no special invitation is required for entry.

### 5. Invitation Letters (If Needed)

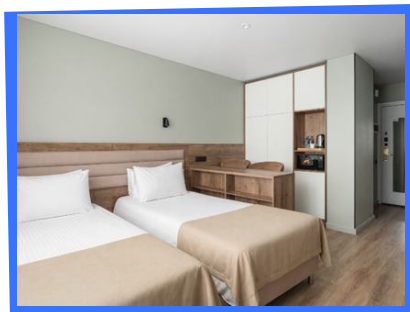
If you require an official invitation letter for reporting or administrative purposes, we will be happy to provide one upon request.

# HOTEL SALUT

**The Salut Hotel is one of the largest 4-star hotels** - the choice of many guests visiting Moscow is optimal for both groups and individual tourists and business people. Hotel is located on the South-West side of the city in 15 min drive from Gubkin University.



Single BUSINESS room 15 sq.m,  
1 semi-double bed (120 × 200 cm)  
Price per room: 5800 RUB/NIGHT  
Breakfast buffet and VAT included



BUSINESS Twin room 21 sq.m,  
2 single beds (90 × 200 cm)  
Price per room: 6 800 RUB/DAY  
(\*3400 RUB/DAY per person for  
double occupancy)  
Breakfast buffet and VAT included

## Contact

[hotelsalut.ru/en/](https://hotelsalut.ru/en/)

Leninsky Prospekt, 158

Metro station - Yugo-Zapadnaya, Troparevo

Map: <https://go.2gis.com/m5l2e>

