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# Institute of Geology and Petroleum Technologies



Modern technologies in

-  GEOLOGY
-  GEOPHYSICS
-  OIL AND GAS INDUSTRY
-  ENGINEERING AND GEOLOGICAL SURVEYS
-  HYDROGEOLOGY AND ECOLOGY



CLASSICAL UNIVERSITY EDUCATION



**INSTITUTE OF GEOLOGY AND PETROLEUM TECHNOLOGIES**





Top 40  
QS World University Rankings  
by Subject: Engineering -  
Petroleum

World-class  
laboratories

Participation of  
undergraduate and  
graduate students in  
scientific research



More than 1,000  
undergraduate and  
graduate students

Cooperation with  
foreign and Russian  
universities

Stable employment in the industry's leading  
companies





## **TRADITIONS** **of the Institute of Geology and Petroleum** **Technologies**

Our graduates are in demand in large oil and gas companies. The professional community of the Institute's alumni will help you throughout the career.

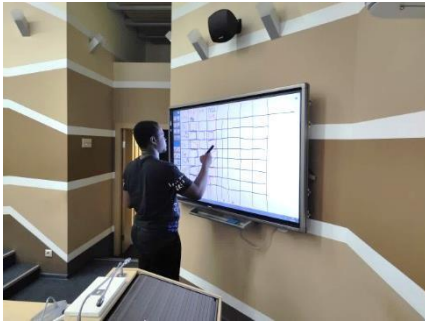
**Danis Nurgaliev**  
Vice-Rector for Earth Sciences  
Doctor of Science in Geology and Mineralogy

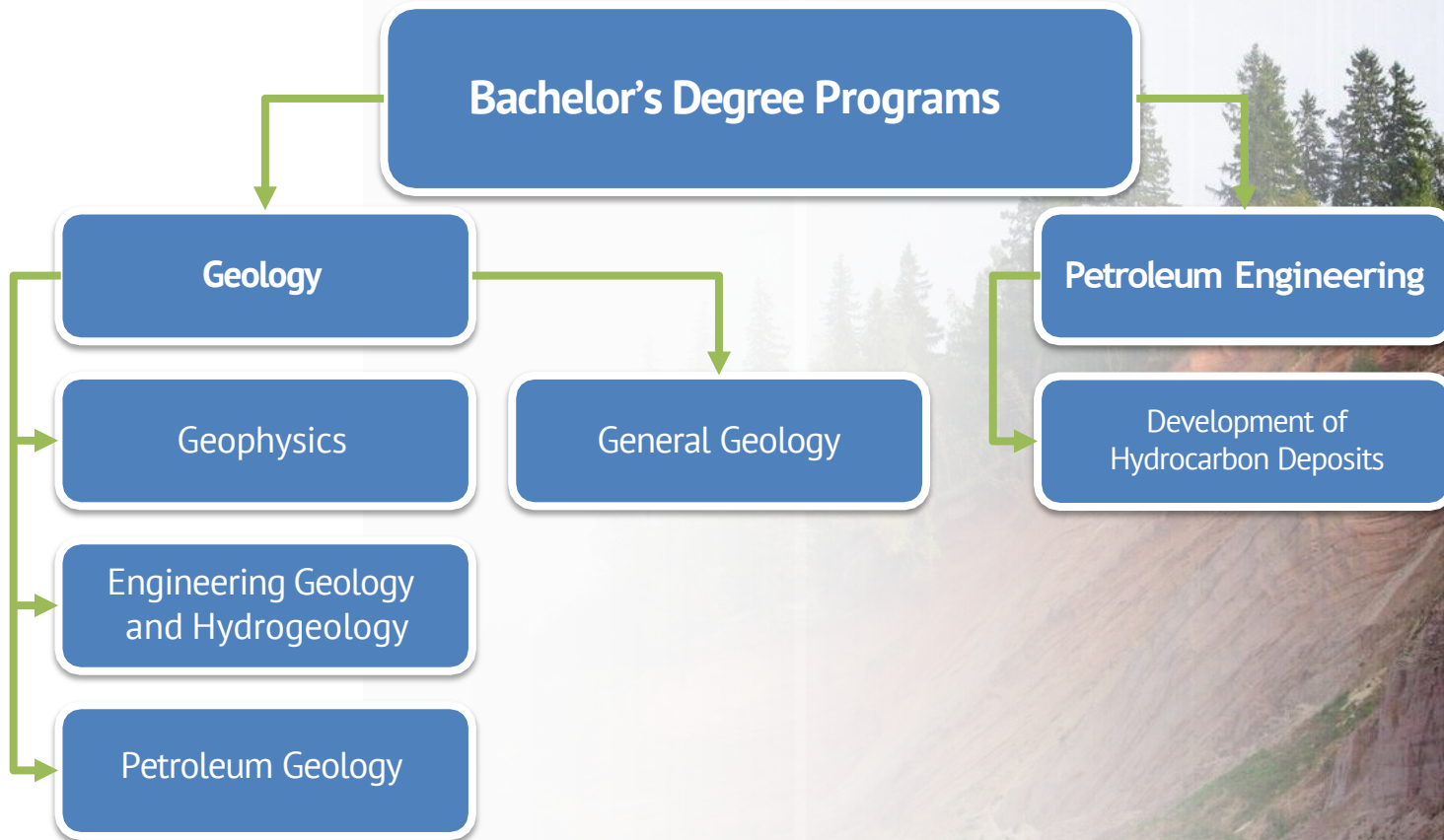


Some lectures are given by invited lecturers from other countries



We have students from over 30 countries







# Petroleum Engineering

Department of Petroleum Engineering

## What do we teach?

Students study modern methods of development of oil and gas fields

## Who is our graduate?

An expert who can solve production problems in the field of engineering and development of oil and gas fields

## Employment:

Petroleum engineer

Engineer



# Geology

Department of Regional Geology and Mineral Deposits




## What do we teach?

Methods of prospecting and exploration of mineral deposits, the basics of engineering geology, remote methods in geological and geophysical studies, methods for studying minerals, ores and rocks

## Who is our graduate?

An expert in the study of the composition and structure of rocks for the purpose of prospecting and exploration of mineral deposits

## Employment:

-  Geological engineer
-  Head of production department
-  Researcher





# Geophysics

Department of Geophysics and Geo-Information Technologies






## What do we teach?

Students learn geophysical methods of the Earth's crust studies, allowing them to obtain information about the internal structure of the Earth and mineral deposits

## Who is our graduate?

An expert in the study of the composition and structure of rocks for the purpose of prospecting and exploration of mineral deposits

## Employment:

-  Geologist
-  Geophysicist
-  Head of production department
-  Researcher
-  Educator



# Petroleum Geology

Department of Petroleum and Gas Geology





## What do we teach?

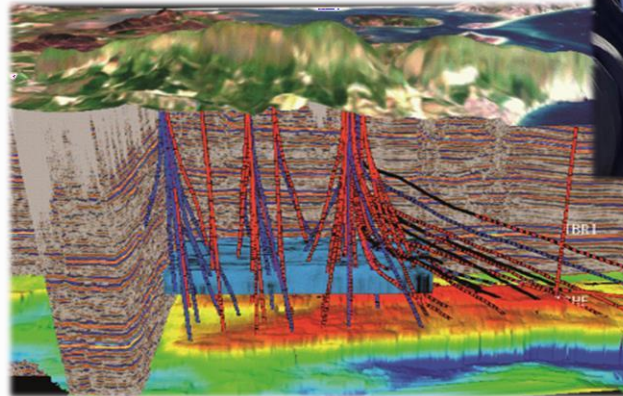
Students learn the basics of modeling oil and gas fields, geophysical methods, methods of enhanced oil recovery, methods of local forecasting of oil ratio. There are internships at oil and gas companies

## Who is our graduate?

Oil and gas exploration expert

## Employment:

-  Geological engineer
-  Head of production department
-  Researcher
-  Academic lecturer





# Geological Engineering and Hydrogeology

Department of General Geology and Hydrogeology

## What do we teach?

Students will learn how to assess groundwater reserves, learn geoecological mapping, as well as the organization and planning of engineering-geological and hydrogeological works

## Who is our graduate?

Geological engineer conducts engineering and geological surveys in construction, during the reconstruction of buildings and structures and is responsible for the stability of buildings.

Hydrogeologists are engaged in the search for groundwater and their study



# 12 education programs

## Geology

- Stratigraphy of oil and gas basins
- Complex data analysis in petroleum geosciences **(English)**
- Modern geophysical technologies of prospecting and exploration of hydrocarbon deposits
- Engineering geology and hydrogeology of urban territories
- Geology and geochemistry of oil and gas
- Digital technology and modeling methods in oil and gas geology
- Geology of mineral deposits

## Petroleum industry

- Development of hard-to-recover and unconventional hydrocarbon deposits
- Integrated reservoir modeling
- Petroleum engineering **(English)**
- Technologies of oil, gas and natural bitumen



## What documents need to be uploaded?

PHOTO 3x4  
cm



Passport + notarized  
translation



Educational certificate (can be  
provided after entrance exams) +  
notarized translation of educational  
certificate



Signed consent to personal  
data processing



## Exams

### Geology

- Mathematics
- Physics
- Geography
- Chemistry
- Biology
- Informatics and information and communication technologies

Russian language

### Petroleum Engineering

- Mathematics
- Physics
- Chemistry
- Informatics and information and communication technologies

### Minimum score for each exam

Mathematics  
Physics  
Chemistry  
Biology

**39**

Geography  
Russian  
language

**40**

Informatics and  
information and  
communication  
technologies

**44**



## Exams

### Geology

Written examination  
(test)

**Excluding**

Complex data analysis in  
petroleum geosciences (English  
interview)

### Petroleum Engineering

Written examination  
(testing in the Master's program)

**Excluding**

Petroleum engineering (English  
interview)

**Minimum score for each exam**

**40** For all programs



## DATES

June 2023 and later



Master

## LOCATION

Online

Intramural (at KFU)

# EXAMS

## PROGRAMS



Bachelor



Master

## HOW TO REGISTER?

1. Fill out the form on the website: [abiturient.kpfu.ru/](http://abiturient.kpfu.ru/)
2. Prepare the required documents
3. Choose the program Geology or Petroleum Engineering





Additional education can be obtained in the following areas:

- Interpreter in professional communication
- Advanced study of English geology and geophysics
- Economics, management and finance in the petroleum industry

### Our partners

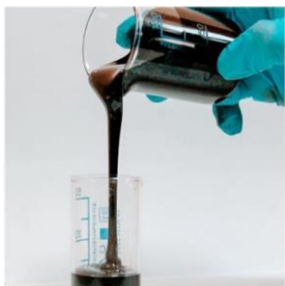


*Мы объединяем возможности  
всех для успеха каждого!*

CdoGEO



### Laboratory of Enhanced Oil Recovery



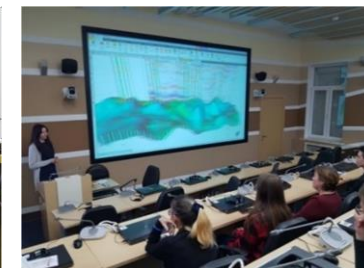
### Laboratory of Hydrate Technologies for the Utilization and Storage of Greenhouse Gases



### Laboratory of In-Situ Combustion



### 3D GEO Center





## World-Class Research Center for Liquid Hydrocarbons

The Center was established in 2020 in cooperation with leading Russian oil and gas universities. It is engaged in research of hydrocarbon basins, remote sensing and drone technology in the hydrocarbon industry, and production, transportation and storage at non-traditional and old reservoirs.



**Kazan Federal**  
UNIVERSITY



УФИМСКИЙ ГОСУДАРСТВЕННЫЙ  
НЕФТЯНОЙ ТЕХНИЧЕСКИЙ УНИВЕРСИТЕТ

**Skoltech**

Skolkovo Institute of Science and Technology

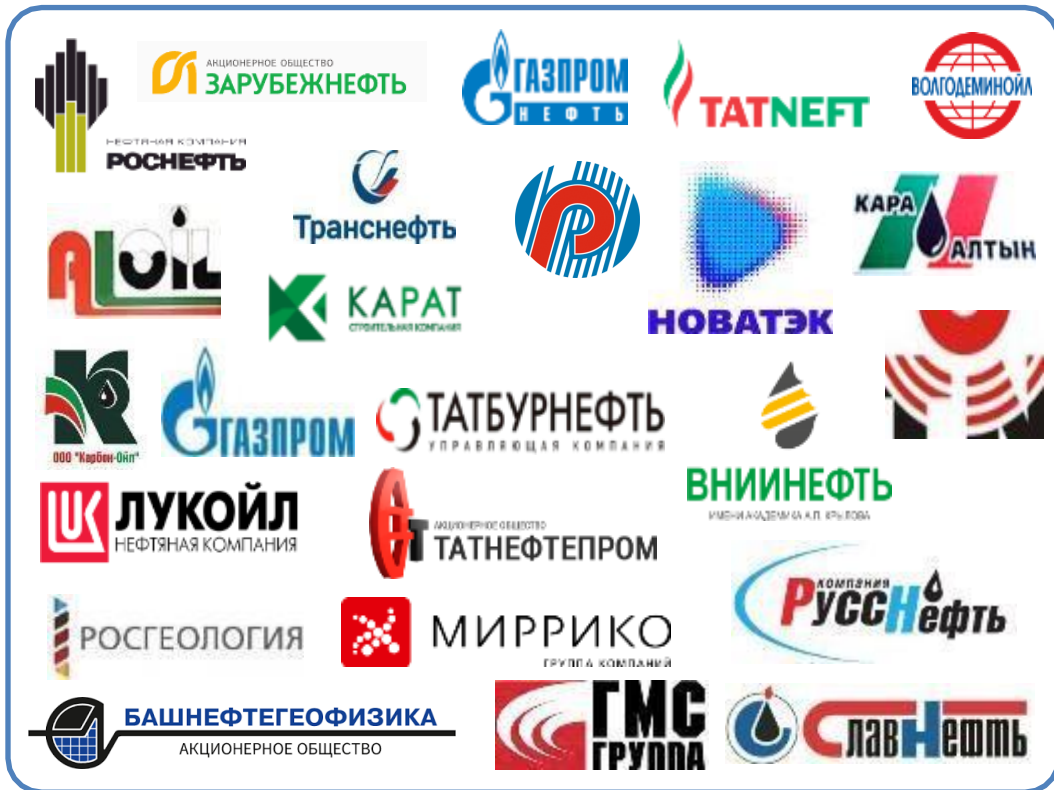


**ГУБКИНСКИЙ**  
УНИВЕРСИТЕТ

## Underground processing of hydrocarbons



## Russian companies



## International companies





Several conferences  
and forums are held  
each year











One of the best university campuses  
in Russia – **Universiade Village**



During extracurricular time, our students actively participate in sports and cultural events

- Arts
- Sports
- Volunteering
- Social activism
- Environmental activism
- Charity events
- Historical and archeological search parties

and much more



## SPORTS AND HEALTH INFRASTRUCTURE



Sports complex **Bustan**



UNICS



Sports complex **Moskva**



## Institute of Geology and Petroleum Technologies

Deputy Director for Academic Affairs

**Andrey Teryokhin**

[priemgeo@kpfu.ru](mailto:priemgeo@kpfu.ru)

Admission Coordinator for International Students

**Yury Numeev**

[jnumeev@kpfu.ru](mailto:jnumeev@kpfu.ru)

## Admission contacts

Address: Kazan  
Kremlyovskaya 25  
[priem@kpfu.ru](mailto:priem@kpfu.ru)  
+7(843) 2065090

Telegram chat

[t.me/priemkpfusng](https://t.me/priemkpfusng)

Registration

<http://abiturient.kpfu.ru>



Institute of Geology and Petroleum Technologies

**Thank you for your attention!**