

## Career Prospects

Upon completion of the Petroleum and Gas Engineering program, students are equipped with the skills and knowledge necessary to address future challenges in the exploration and production of oil and gas. Exciting career prospects await in both the conventional and cutting-edge sectors of the oil and gas industry. Graduates can find employment in various settings, including local and international oil companies, consulting firms, and service providers.

## Tuition Fee

Please see <https://international.khazar.org/> or scan the QR code.



## Student Support

- Visa support
- Accommodation
- Welcome Events
- Health Care Center
- Psychological Counseling Center
- Library Information Center
- Student Ombudsman
- Center for Students with Disabilities



**Seymur Mirzaliyev**  
3rd year student

### BS in Oil-gas Engineering

“ I am a 3rd-year student of Petroleum Engineering at Khazar University. I continued my studies in the spring semester of the 2022-2023 academic year in the field of engineering at the University of Tuscia, Italy, under the Erasmus+ student exchange program. My education in Italy was very important for me in terms of knowledge.

I spent most of my study program working with engineering students, which helped me a lot both academically and professionally. During the exchange program, I also spent time on my social life there. I traveled as much as I could in Italy, one of the most beautiful countries in the world. Also, I had the opportunity to visit several beautiful countries and cities in Europe. Everywhere I went, I met new people and made wonderful memories.”

## Scholarship Opportunities

Khazar University provides a number of merit-based scholarships. Please visit the website through QR code for more information on how Khazar University seeks to make your education affordable.

Full Scholarships are offered by the Government of the Republic of Azerbaijan for citizens of Non-Aligned Movement and Organization of the Islamic Cooperation countries.

### Contact Us

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### Admission

Khazar University offers a variety of programs and a welcoming environment for expanding your horizon. More detailed information on entry requirements can be found at: <https://international.khazar.org/>

For more Scholarship opportunities visit the website through Qr code



**Petroleum Engineering**  
Bachelor Studies



# Why study at Khazar University?

## 1 Top-ranked Azerbaijani University in the world international rankings

The top university in Azerbaijan, according to the 2022 QS Emerging Europe and Central Asia (EECA) University Rankings.

Ranked 601-800 in Times Higher Education Impact Rankings 2023. Placed in 301-400 tier in SDG4 Quality Education.

Khazar University is the only Azerbaijani university that was placed among the 150 best young world universities, according to the QS Top 50 Under 50 2018 annual university ranking.

## 2 Leading research university in Azerbaijan

According to the QS Emerging Europe and Central Asia University Rankings 2022, Khazar has reached the 9th place in the region in the 'Citations per Paper' segment.

Khazar University is recognized as one of the top 4 research higher education institutions by the Ministry of Science and Education of the Republic of Azerbaijan.

## 3 Strong academic community

The faculty possess a robust theoretical foundation coupled with practical industry experience.

## 4 Outstanding teaching and supervision

The faculty is actively engaged in research and maintains strong ties with various industry sectors, fostering the creation of a unique learning environment. Students have the chance to be assigned with both supervisors from Khazar University and co-supervisor from one of the partner universities.

## 5 Excellent support for international students

In 2023, Khazar University received a commendation from the Ministry of Science and Education for its enhanced support to international students over the past five academic years.

## Program Overview

The B.Sc. program in oil and gas engineering offers focused education in various fields related to petroleum engineering. Its primary objectives are to equip graduates with the capability to apply fundamental mathematics, science, and engineering knowledge to identify, formulate, and resolve petroleum engineering challenges. Graduates also gain the skills to analyze and interpret data and to design applicable systems, components, or processes using contemporary techniques, capabilities, and engineering tools.

## Curriculum

### Length of Studies:

4 years (256 ECTS\*)

### University Requirements:

38 ECTS

### Major Requirements:

88 ECTS

### Core courses:

- Introduction to Petroleum Engineering
- General Geology
- Thermodynamics
- Petroleum Geology
- Drilling Engineering
- Physics of Oil and Gas Reservoirs
- Petroleum Reservoir Engineering
- Introduction to Fluid Mechanics
- Well Completion
- Statistics for Petroleum Engineers and Geoscientists
- Petroleum Production
- Fluid Mechanics for petroleum Engineers

Electives: 60 ECTS

- Petroleum Reservoir simulation
- Petroleum Engineering Design
- Gas and Gas-condensate Reservoir Engineering
- Petroleum Economics

Internship: 12 ECTS

\*European Credit Transfer and Accumulation System (ECTS)

### Semester dates

Fall semester:

September 15 – December 30

Spring semester:

February 10 – May 31

For Academic Calendar please scan the QR code.

