

Career Prospects

Graduates of this program commonly find employment in a wide range of sectors, including educational institutes, schools, industrial companies, research institutions, non-profit organizations, and government bodies. Our alumni possess strong scientific and research qualifications, complementing their core teaching skills in chemistry. They are also well-equipped for roles as chemists in laboratory settings.

The primary career path for our graduates is teaching chemistry, which can be pursued in high schools, middle schools, IB programs, and educational centers. Our well-rounded degree program allows them to explore diverse opportunities in the chemical and related industries, such as pharmaceuticals, agrochemicals, metallurgy, plastics and polymers, petrochemicals, cosmetics, and more.



Narinj Nurushova
Khazar University alumnus

BS in Chemistry Education

“ I graduated from Khazar University and learned and familiarized myself with every intricacy related to my major. What I like the most is that here all students acquire various foreign languages and computer knowledge in addition to their major. In short, I am very lucky to have chosen Khazar University and to study here. ”

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.

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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



Chemistry Education

Bachelor Studies



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



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 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 sole Azerbaijani higher education institution that has been ranked among the top 150 world's younger academic institutions by QS Top 50 Under 50 University ranking.

2 Highly qualified faculty

The Chemistry and Chemical Engineering Department has a strong research focus and is home to experts in the field. The department's faculty is committed to providing students with the best possible education.

3 Strong links with industry

The department's faculties are also affiliated with local and international industrial giants like SOCAR and BP, fostering a strong educational-industry connection for the students.

4 Research-oriented education

We strongly encourage and support undergraduate students to participate in Nanotechnology Laboratory research projects and publish their research findings. Our undergraduate students have shown great potential in conducting research and publishing scientific papers. These experiences greatly enhance their CVs and contribute to the development of their academic and industry careers.

5 International vibrant environment

International students from more than 35 countries.

6 Wide choice of degree programs

45 bachelor's and master's programs taught in English.

7 International exchange opportunities

Khazar has 216 partner universities in 52 countries.

8 Successful graduates

Nearly 85% of Khazar chemistry education alumni are employed within 6 months after graduation.

9 Fantastic student support services

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.

10 Active students' life

More than 20 student clubs and organizations brighten up student life.

Program Overview

The Bachelor of Chemistry Education program is designed to equip students with the skills and knowledge needed to excel as chemistry teachers. The program covers essential subjects in both chemistry and education, focusing on preparing students to become effective schoolteachers. Our innovative teaching methodology emphasizes analytical and creative thinking as well as idea conceptualization, ensuring the development of exceptional chemistry educators. Students are actively encouraged to enhance their proficiency in teaching chemistry at an optimal level, promoting engagement and effective learning.

Curriculum

Length of Studies:

4 years (264 ECTS*)

University Requirements:

54 ECTS

General Education Requirement:

38 ECTS

Major Requirements:

156 ECTS

Core courses:

132 ECTS

- Organic Chemistry I, II
- Inorganic Chemistry I, II
- Physical Chemistry I, II
- Analytical Chemistry I, II
- Colloid Chemistry I, II
- Pedagogy I, II
- Methodology of Teaching Chemistry I, II
- Mathematics
- Physics
- General Chemistry
- Chemical Calculations
- IKT
- and others

Electives: 42 ECTS

- Chemistry of Macromolecular Compounds
- Petroleum Chemistry
- Biochemistry
- Nanochemistry
- Chemistry of Biological and Natural Compounds
- Ecological Chemistry
- Class Management and others

Pedagogical Internship: 6 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.

