

## Career Prospects

Our graduates are eligible employed in all public and private secondary schools, IB schools, Universities, research laboratories, numerous research institutions, various establishments (food industry, petroleum industry, military industry) and etc.

Here are some potential career opportunities for chemistry and biology education graduates:

- High School Teacher;
- Middle School Teacher;
- Private Tutor;
- Education Consultant;
- Educational Leadership;
- Museum Educator;
- Laboratory technician;
- Industry Positions and etc.



**Havva Papakhova**  
**Khazar University alumna**

### BS in Chemistry and Biology Education

“ Khazar University, which has a strong foundation for lifelong learning, provides an exceptional academic experience and learning environment where students can explore their interests, expand their knowledge, develop thinking skills, and dive deeper into their chosen field of study.

Furthermore, this experience allows for meaningful connections with peers, teachers, and staff members. Khazar University opens me up an opportunity to pursue a Ph.D. in the field of Tuberculosis research at Shenzhen University in China which will contribute to my growth as a researcher.”

## 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



## Chemistry and Biology 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

According to the 2022 QS Emerging Europe and Central Asia University Rankings, the top university in Azerbaijan.

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

Highly skilled teaching staff bring their real-world experience to the classroom

## 3 Strong links with businesses

Giving students the benefit of cutting-edge insights into the subject.

## 4 International vibrant environment

International students from more than 35 countries.

## 5 Wide choice of degree programs

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

## 6 International exchange opportunities

Khazar has 216 partner universities in 52 countries.

## 7 Successful graduates

Nearly 90% of Chemistry and biology alumni are employed within 6 months after graduation.

## 8 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.

## 9 Active students' life

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

## Program Overview

The Bachelor of Chemistry and Biology Education program imparts knowledge across various domains of chemistry and biology, coupled with teaching skills. Students acquire the skills to conduct both chemical and biological research, interpret experimental outcomes, and analyze information from various databases. Moreover, students cultivate technical and analytical proficiencies essential for contemporary research, while also mastering the skills needed to utilize laboratory equipment.

Theoretical knowledge gains further reinforcement through hands-on experiments and activities. Our highly qualified faculty members not only inspire but also guide students in the implementation of independent research activities, a process that fosters the realization of their research potential.

### Curriculum

**Length of Studies:**  
5 years (300 ECTS\*)

**University Requirements:**  
48 ECTS

**Major Requirements:**  
252 ECTS

**Core courses:**  
194 ECTS

- Botany
- Zoology
- Cytology
- Biochemistry and Molecular Biology
- Microbiology and Virology
- Genetics
- General Chemistry
- Organic Chemistry
- Physical Chemistry
- Analytical Chemistry
- Teaching Methods of Chemistry and Biology and others

**Electives: 34 ECTS**

- Biometry
- Chemical calculations
- General biology
- Histology
- Introduction to computer science and others

**Practice: 24 ECTS**

- Pedagogical Internship-1: 12 ECTS
- Pedagogical Internship-2: 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.

