Career Prospects

Graduates holding a bachelor's degree in electrical and electronics engineering are in great demand across various sectors, such as electronics, automotive, IT, gaming, telecoms, manufacturing, power, transport, utilities, and construction. Their roles may involve working as electrical engineers, where they design, develop, and upkeep electrical systems. Alternatively, they could engage in research and development, concentrating on crafting and testing novel products and technologies.

Equipped with a solid grounding in mathematics and science, along with specialized knowledge in electrical and electronics engineering, graduates from this degree program are ready to thrive in their careers and contribute positively to the world.

Graduates may be employed in various specific areas, including:

- Aerospace
- Automotive
- Construction
- Defense
- Electronics
- IT industry
- Marine
- Manufacturing and fast-moving consumer goods
- Materials and metals
- Power generation
- Rail
- Utilities
  and others

Student Support

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

Tuition Fee

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

Beybut Abdulrahimov
3rd year student

BS in Electrical and Electronics Engineering

" I am a Senior Backend Developer who works with a high-load blockchain (Web3) analytics platform. I was also a finalist in the DWF Labs & AWS (Amazon Web Services) hackathon 2023 in Singapore (more: www.defi-hackaton.com).

Firstly, Khazar University played a significant role in enhancing my English skills. During the project pitch stage of the hackathon, I employed the presentation skills I acquired during my time at the university. Furthermore, our extensive work in the electronics lab equipped me with valuable practical skills in electronics. In conclusion, I wholeheartedly recommend Khazar University! "

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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- f KhazarInternationalOffice
- khazaruni_international_office
- worldandkhazar
- Khazar University, 41 Mehseti Str, Baku, AZ1096 Azerbaijan

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

Electrical and Electronics Engineering

Bachelor Studies

Khazar University

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

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

3. International vibrant environment

International students from more than 35 countries.

4. Wide choice of degree programs

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

5. International exchange opportunities

Khazar has 216 partner universities in 52 countries.

6. 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.

7. Active students' life

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

Program Overview

The Electrical and Electronics Engineering program aims to deliver a high-quality curriculum that produces engineers capable of meeting the demands of the new century and achieving international excellence. This mission revolves around furnishing our graduates with the necessary knowledge and skills for high-quality engineering roles, as well as advanced engineering research. Simultaneously, we strive to provide them with a broad intellectual foundation, preparing them for diverse and competitive career paths. Graduates are poised for successful careers in academia, industry, or government organizations. They will possess the ability to pursue advanced degrees across various fields and engage in ongoing professional development. We equip our graduates to effectively contribute to national, international, and multicultural corporations and organizations.

Curriculum

Length of Studies:
4 years (256 ECTS*)

University Requirements:
64 ECTS

General Education Requirement:
38 ECTS

Major Requirements:
154 ECTS

Core courses:
142 ECTS

- Technical Mechanics
- Materials of electrical and electronic equipment
- Analog and digital electronics
- Electrical Measurements and Methods
- Basic Circuitry
- Electrical and Electronic Devices
- Electric Machines
- Micropressor Technique
- Industrial automation and programmable logic controllers and others

Electives: 64 ECTS

- Semiconductor Devices
- Electrical Engineering
- Basic Electronics
- Robotics
- Control system
- Renewable Energy and others

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.