

Metallurgical engineering

Students studying in this speciality learn the intricacies of manufacturing technologies of metal products from ores. A metallurgical engineer masters the processing methods of non-ferrous metals (gold, silver, copper, zinc, etc.) and can work as a specialist in this field.

Materials engineering

Young people who have chosen this speciality master the technologies of manufacturing products from metals and non-metals for various aim. Graduates perform engineering duties in industrial enterprises of the country.

Mining engineering

The students who choose this speciality will master the processing technologies of rich minerals. Our graduates can work in the fields that ensure the development of oil, gas and ore fields.

Chemical engineering

Students enrolled in the field of chemical engineering will delve into fundamental chemical systems and processes, including substance reactivity, various types of inorganic substances, and the physical and chemical properties of materials. They will also gain proficiency in atomic and molecular theory, as well as methods for determining and analyzing chemical substances. Graduates of this specialty can pursue career opportunities in technology parks and manufacturing facilities located in Baku, Sumgait, and surrounding regions.

Environmental engineering

This specialty encompasses the evaluation of environmental conditions using contemporary methods and tools aimed at environmental preservation. It involves identifying and mitigating sources of pollution, analyzing the adverse effects of industries on both human health and the ecological landscape, and investigating and forecasting the drivers of global warming. Moreover, it incorporates the development of mathematical models for environmental processes, physical observations, and specialist training in environmental impact assessment through measurement techniques.

Life safety engineering

Students enrolled in this specialty focus on fire safety, emergency protection, and safety measures for life activities within technical contexts, as well as the safety of production and technological processes. Graduates of this program have career opportunities in both the educational sector, where they can pursue roles in teaching and research, and in engineering positions across various institutions.