

Review
for the Bachelor's degree program
6B07213 – «Mineral Processing»

The educational program submitted for review was developed by the Department of Metallurgy and Mineral Processing of the Non-commercial Society Kazakh National Research Technical University named after K.I. Satpayev.

A graduate of this program receives a fundamental set of general engineering disciplines, as well as the maximum set of specialized disciplines. The graduate's adaptation to the manufacturing sector consists in the content of 40% of general engineering disciplines in the educational program.

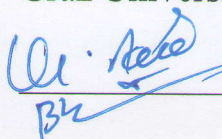
The program provides in-depth study of the following disciplines: engineering and computer graphics, technological mineralogy, general chemistry, fundamentals of mineral processing, ore preparation processes and equipment, physical chemistry, magnetic and special methods of enrichment, enrichment of gold-bearing ores and man-made raw materials, fundamentals of mineral processing (in English), gravitational methods of enrichment, processes and processing equipment, chemistry of flotation reagents (in English), geotechnological methods of enrichment, modeling of enrichment processes, enrichment of rare metal ores, flotation methods of enrichment. Graduates have knowledge of technologies for the enrichment of mineral and man-made raw materials, metallurgical production of ferrous, non-ferrous, noble, radioactive, rare and other metals.

The disciplines of the curriculum according to the reviewed educational program form the entire necessary list of general professional and professional competencies. The quality of the content component of the curriculum is beyond doubt. The disciplines included in the plan reveal the essence of the problems of enrichment of mineral and man-made raw materials that are relevant today.

The advantages of the reviewed educational program include the maximum consideration of the requirements of employers in the formation of disciplines of the professional cycle, which in their content make it possible to provide the necessary competencies for bachelors.

The developed educational program 6B07213 – «Mineral Processing» can be approved and recommended for its implementation in the Non-Chamber society «KazNRTU named after K.I. Satpayev» on bachelor's degree training.

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