

The goal of the Petroleum Engineering program is to train personnel for an innovative economy in the petroleum industry, covering modern energy-saving technologies, innovative solutions, entrepreneurship in the high-tech field of developing and operating oil and gas fields, as well as transporting hydrocarbon raw materials and oil products.

Tasks:

1. Prepare specialists who will be able to apply the knowledge of mathematics, science and technology, as well as identify, formulate and solve engineering problems to improve the technological processes of the petroleum industry.
2. To instill in students knowledge of research methodology (setting research objectives, collecting data, processing and transforming data, surveying data, creating models and selecting methods, presenting and visualizing results)
3. Develop the ability to extract the necessary information from various sources, including information flows in real time, analyze it for further decision making and see logical connections in the system of collected information.
4. Train students to effectively convey information and ideas to other people.
5. To instill in students the tendency for independent learning and the manifestation of a high level of competence in engineering principles and practice.
6. To instill in students the skills to work in multi-industry and multicultural teams.
7. Develop in our graduates the need to live and practice ethical, social, and environmental standards in their professions in a responsible manner.