

### 18.03.01 CHEMICAL TECHNOLOGY

The bachelor's degree program "Chemical Technology" is a complex of interrelated disciplines that develop students' professional competencies in the field of oil and gas processing technology and the production of petroleum products for various purposes.

"Chemical Technology" is one of the areas of training of the technological faculty of USTU, carried out by the department chemistry, chemical technology, ecology and technosphere safety.

Duration of study: 5 years.

**Number of seats:**

**25 places under the agreement on the provision of paid educational services in full-time and part-time education.**

To enroll in the Chemical Technology program, applicants need the results of three exams: in specialized mathematics, Russian language, as well as in chemistry, physics or computer science (optional).

The graduate's area of professional activity includes:

- methods, techniques and means of obtaining substances and materials using physical, physical-chemical and chemical processes, production of products for various purposes based on them;
- creation, technological support and participation in works on installation, commissioning, maintenance, diagnostics, repair and operation of industrial production, products of basic organic synthesis, polymeric materials, oil and gas processing products;
- creation, implementation and exploitation of new reagents and materials for basic organic and petrochemical synthesis;
- creation, implementation and use of new methods for assessing the quality of hydrocarbon raw materials and oil and gas refining products .

Future professions:

- oil and gas processing specialist;
- chemical engineer;
- chemical engineer;
- laboratory assistant;
- chemist;
- research engineer.

Graduates can also work in research institutes, laboratories, and engage in teaching activities.