

Design of Technical and Technological Complexes

Siberian Federal University

Degree or qualification is awarded: **Bachelor**

Language of study: **Russian**

Mode of study: **full-time**

Duration: **4 years**

Availability of free education: **no**

Price: **170 622 RUB per year**

Programme webpage at the university website:

http://edu.sfu-kras.ru/sites/edu.sfu-kras.ru/files/oop/annotations/15.03.02.01_annotaciya_OP.pdf

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Technological Machinery degree program (and the program specialisation in Technological Complex Design) creates the conditions for the students to acquire the necessary level of knowledge and skills for the implementation of research and other professional activities (design, production and technology, organisation and management) in fuel power production, including the design of technical and technological systems used in the development of deposits, transport, storage and processing of hydrocarbons.

The field of the professional activity of the graduates who have mastered this program includes:

- sections of science and technology that contain a set of tools, techniques and methods of human activity aimed at creating competitive engineering products and based on the use of modern methods and tools for design and calculation, as well as mathematical, physical and computer modelling;
- organisation and execution of works on the creation, installation, commissioning, maintenance, operation, diagnostics and repair of technological machines and equipment, on the development of technological processes for the production of parts and components.

Competitive advantages: the opportunity to implement the competences and skills obtained in the training process not only in the field of engineering mechanics for oil and gas but also in the related areas of mechanical engineering, repair and service organisations engaged in designing and operating elements of technological machinery.

Employment: designer, junior engineering positions.

Specializations within this programme