

# Petroleum Chemistry and Refining

Siberian Federal University

Degree or qualification is awarded: **Master of Science/M.Sc. in Chemistry**

Language of study: **English**

Mode of study: **full-time**

Duration: **2 years**

Availability of free education: **no**

Price: **220 000 RUB per year**

Programme webpage at the university website: <http://www.sfu-kras.ru/en/masters/petroleum-chemistry>

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This program has been designed to prepare graduates with a range of skills in petroleum chemistry, including engineering and management. It is focused on providing students with detailed theoretical knowledge of the required technologies and all major engineering elements associated with the oil refining life-cycle. Moreover, the programme is aimed at preparing specialists in the field of research and development of technologies involved into petroleum production and refining processes.

By the end of the programme students will be able:

- to apply knowledge of petrochemical and oil refining processes to solve industrial problems;
- to demonstrate proficiency in the basic equipment setting and optimization of existing technologies;
- to perform skills based on modeling technological processes;
- to display professionalism in appearance, job performance and ability to work as team members.

Partners of the School of Petroleum and Natural Gas Engineering are [Rosneft](#), [Gazprom](#), the Siberian Branch of the Russian Academy of Science and others.

Students will get essential professional skills and important competencies in their future development in petroleum industry. Highly trained team of academics from SibFU, specialists from refining enterprises and international business coaches will guide students through the theories, models and practices on the program. In exam week refinery employees are usually invited to evaluate student's knowledge.

On the course of the program students are involved into real research and engineering projects with experienced team of tutors and have a possibility to publish articles with new advanced results. All courses of the program are intended to develop students' abilities to apply their research skills in science and high-tech areas.

This field of petroleum chemistry and refining is actively developing nowadays and we are waiting for young researchers in SibFU!

## Specializations within this programme