

Early Career Program at Siberian School of Geosciences INRTU

The purpose of the Program is to train professionals in the geological industry instead of graduating people with diplomas and at the same time – staffing of research and production programs of INRTU.

The program provides students with the opportunity to be selected for competitive positions of junior researchers (table) and to work on real geological projects as a part of professional teams earning money, work experience, recognition of the professional community with their own mind, knowledge, and abilities on a permanent paid basis.

The student can move up to higher basic positions as his or her skills improve.

Position	salary per month	Requirements
Laboratory researcher	14 000	Competitive entry position for students, no requirements
Senior laboratory researcher	20 000	Entry requirements: experience in scientific or production work (at least 1 year and 2 projects). At least 1 report at a scientific conference and 1 scientific publication.
Engineer	25 000	Incomplete higher education (at least 3rd year), at least 3 years of experience, 3 scientific publications, 4 reports at conferences, participation in at least 6 projects.

Participation in commercial projects is paid additionally!

The contract is signed for a calendar year. It can be automatically extended for the next year based on the results of the student's performance assessment.

The results of their work are presentations at scientific conferences and publications. This list of results with co-authorship reports on commercial projects forms a CV for a future employer capturing experience and competencies in a verifiable way. The continuous work experience of the best students can reach 4.5 years by the end of their studies at INRTU. This allows them to compete not with other graduates in the labor market for starting career positions but it brings graduates of the program to the level of experienced professionals.

**Irkutsk National Research
Technical University**

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**This is where geological romance
meets the money of mining
companies.**



**SIBERIAN
SCHOOL OF
GEOSCIENCES**

DRILLING

BACHELOR'S (5 years)

FULL-TIME

**Technology and technique of
exploration of mineral deposits**



The main area of professional tasks of graduates of this specialty is the technical and technological support of geological exploration and mining, including:

1. Design and drilling of wells for various purposes:

- for prospecting and exploration of mineral deposits;
- during surveys for the construction of buildings and structures;
- when solving water supply issues for cities and towns.

2. Excavation of mining and exploration workings:

- development of technologies and excavation of mining workings in the geological and mining industries.

3. Auxiliary works of technical and technological support of geological exploration:

- Development of projects; development, repair and maintenance of mining and drilling equipment, construction of underground structures for military and civil purposes.

Students of this specialty are provided with the opportunity to participate in drilling operations of various types already during their studies. The university provides an opportunity to obtain the necessary qualification certificates, to develop and test new drilling technologies on an ongoing basis, to take part in commercial projects both near Irkutsk and in remote areas.



All students have internships at the unique training facility «Chernorud» on the shore of Maloe More of Lake Baikal, which is world-famous.



Core competencies:

- development and implementation of new drilling and mining equipment and technologies.
- computer simulation of the well drilling process;
- management of drilling rigs of various types;
- development of "green" technologies in drilling;
- development, implementation, supervision of drilling projects.

After graduating from the university, graduates are engaged in production and technical, scientific, design or management activities in the positions of heads of industrial organizations, chief engineer, drilling foreman, employees of scientific and design organizations.



Contact us!

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