

Postgraduate degree program: 21.06.01. Geology, Exploration and Mining of Minerals

Focus of the postgraduate program: Exploration Technology and Engineering

Institute of Subsurface Resource Management

Department of Petroleum Engineering

Qualification: Researcher. Teacher-Researcher.

Duration: 4 years

Teaching form: on-campus

The aim of the postgraduate program is the training in Exploration Technology and Engineering. As a student, you will acquire and develop professional knowledge in the field of the chosen specialty, consolidating the theoretical knowledge gained in the disciplines of the field and specialty courses. You will also master necessary professional competencies in the chosen specialization.

The training is carried out using multimedia equipment as well as a modern experimental scientific and technical base of the department of petroleum engineering.

The research work is carried out on the basis of the department of petroleum engineering. It is possible to conduct scientific research in production organizations of the mining and geological industry.

The practical training is held on the basis of the Department of Petroleum Engineering, having the necessary scientific and technical potential.

As a graduate, you will acquire the qualification «Researcher. Teacher-Researcher».

As a postgraduate, you will be able to:

- carry out scientific research in the field of resource potential of various mineral deposits, substantiating the development of safe and efficient industrial processing, designing equipment and creating technologies of mineral processing, prospecting (or detecting), exploration, production and processing (dressing), transportation and storage of minerals; the construction of engineering (surface and subsurface) structures; the development of a set of measures for the protection of mineral resources and the environment;
- teach according to educational programs of higher education.

As a graduate in this area of the training, you can carry out professional activities at various organizations and institutions as follows:

- ✓ educational establishments;
- ✓ research organizations;

✓ mining and geological production enterprises engaged in geological exploration of mineral deposits.