

# Prospecting and exploration of underground waters and geological engineering survey

Peoples' Friendship University of Russia

Degree or qualification is awarded:

Specialist Degree

Language of study: **Russian**

Mode of study: **full-time**

Duration: **5 years**

Availability of free education: **yes**

Price: **100 800 RUB per year for CIS students, 2 000 US \$ per year for Int. students**

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## Programme focus:

- Ground science
- Groundwater dynamics
- Engineering geodynamics
- Hydrogeochemistry
- Geological engineering survey
- Soil and rocks mechanics
- Water supply and engineering irrigation
- Engineering structures
- Prospecting and exploration of groundwater

## Programme advantages:

The programme is aimed at the acquisition by students of the skills and knowledge which will enable them to fulfill the following tasks:

- to organize, design and conduct engineering-geological surveys, hydrogeological surveys;
- to carry out search and prospecting of underground waters;
- to make hydrogeological and engineering-geological maps;
- to model exogenous geological and hydrogeological processes;
- to assess the natural, natural-technical, hydro-geological and engineering-geological systems.

## Graduates' areas of expertise and professional activities

- Large engineering-geological enterprises (NOEKS Mosobltrust, etc.).project and research institutes(VSEGINGEO, TRANS-GEOPROJECT, PNIIS, GYDROSPETSGEOLOGY,etc).
- the institutes of the Academy of Sciences (GIN, IGEM,Institutes of Geology of Scientific Centers of Russian Academy of Sciences, etc.).
- investment entities related to environmental management.
- other organizations related to environmental management (engineering and surveying expeditions).

## **Specializations within this programme**