

Construction of railways, bridges and transport tunnels

Bridges



Field of professional activity:

Activities in the transport sector (in the field of engineering surveys, design, construction, operation, repair and reconstruction of transport structures and transport infrastructure facilities).

Graduates can hold the following positions:

- ❖ Head of the distance of engineering structures (PCH ISSO);
- ❖ head of a construction organization;
- ❖ chief engineer;
- ❖ chief engineer of the project.

Our partners are companies for employment and internship:

enterprises for the construction, reconstruction and operation of transport facilities and transport infrastructure facilities ,design and survey organizations.

In the course of training, disciplines will be studied:

- Bridge design;
- Bridge construction;
- Reliability, load capacity and reinforcement of bridges;
- Maintenance and reconstruction of bridges and pipes;
- Innovative technologies in bridge and tunnel construction;
- CAD of engineering structures;
- Modeling and calculation of bridges for seismic impacts.

Management of the technical condition of the railway track

Field of professional activity:

Enterprises related to the maintenance of railway tracks, its repair and maintenance, the construction of bridges and transport tunnels.

Graduates can hold the following positions:

- the head of the distance of the way (IF);
- head of the Track Engine station (PMS);
- heads of production and technical departments (PTO);
- heads of departments in PMS, DRP;
- heads of construction organizations.

Companies for employment and internship:

Structural divisions of JSC Russian Railways: Directorate of Infrastructure;
Track Repair Directorate, Track distance, Distance of engineering structures.

In the course of training, disciplines will be studied:

- Construction technology.
- Railway track.
- Technology, mechanization and automation of railway maintenance works.