

DESCRIPTION OF ACADEMIC PROGRAMME TAUGHT IN RUSSIAN AND ACCEPTING INTERNATIONAL STUDENTS FOR THE FOREIGN-LANGUAGE SUSU WEBSITE

Division: *Institute of Architecture and Construction*

Academic programme: *08.05.01 Construction of Unique Buildings and Structures*

Mode of study: *full-time*

Programme length: *6 years*

Programme level: *Specialist degree*

Language of instruction: *Russian*

Programme description: *Students will learn the pre-design information collection, study the future territory of development or reconstruction of unique buildings, structures, engineering systems, and equipment. They will be designing unique buildings and structures (bearing structures, envelope structures, foundation) with the use of applied calculation and graphical software. Students will learn how to prepare the design and working technical documentation, and execute the completed design and engineering works, and also, how to control the compliance of the design of the future building (structure) with the customer's technical assignment, standards, and safety regulations.*

Potential places of work for our graduates:

- *research and design-and-engineering organisations;*
- *construction and installation organisations;*
- *agencies performing the technical and legal monitoring of construction activities;*
- *various services of construction expert review.*

Graduates majoring in the Construction of High-rise and Long-span Buildings and Structures are in demand both in regional and in federal labour markets.

Main programme-specific classes:

Reinforced Concrete and Masonry Structures; Metal Structures; Timber and Plastic Structures; Foundation Engineering; Soil Mechanics

Programme manager: *Head of the Department of Building Technologies and Structural Engineering, Candidate of Sciences (Engineering), Associate Professor Maksim V. Mishnev*

Full name and contacts (phone number, e-mail) of the person in charge of the information accuracy (not to be placed on the website):

Head of the Department of Building and Engineering Structures, Candidate of Sciences (Engineering), Associate Professor Aleksandr V. Kiyanets