

## **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:** *08.03.01 Construction Engineering*

**Mode of study:** *full-time*

**Programme length:** *4 years*

**Programme level:** *Bachelor's degree*

**Language of instruction:** *Russian*

**Programme description:** *Students receive basic knowledge within the complex of general-engineering courses, and then proceed to the mastering specialized courses, gaining the skills of designing external and internal networks, and water supply and disposal facilities.*

*During training, special attention is paid to practical and laboratory studies: students not only learn the quality indicators of natural and waste waters, but also gain skills in the natural waters treatment and conditioning, and in sludge treatment methods. Thus, students are preparing not only for design, but also for research and technological activities.*

### **Main programme-specific classes:**

- *Water Supply Networks;*
- *Water Intake Facilities, and the Fundamentals of Hydrology and Hydrometry;*
- *Water Disposal Networks;*
- *Chemistry of Water and Microbiology;*
- *Treatment and Conditioning of Natural Water;*
- *Waste Water Treatment;*
- *Industrial Water Supply and Disposal;*

- *Sanitary-engineering Equipment of Buildings;*
- *Pumps, Ventilators, and Compressors;*
- *Automation of Water Supply and Disposal Systems.*

**Programme manager:** *Head of the Department of Town Planning, Engineering Networks and Systems, Doctor of Sciences (Engineering), Associate Professor Dmitriy V. Ulrikh*

**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 Town Planning, Engineering Networks and Systems, Doctor of Sciences (Engineering), Associate Professor Dmitriy V. Ulrikh*