

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 of this programme learn the following specifics: receive basic knowledge within the complex of general-engineering courses, and then proceed to the mastering specialized courses, gaining the skills of designing systems of heat and gas supply and microclimate of buildings. Specialists in this field solve the problems of creating comfortable conditions in residential, administrative, and industrial buildings, and maintaining of the optimal temperature and humidity. Comfortable microclimate in rooms is ensured by the systems of engineering equipment of buildings.*

Diverse skills of graduates are among their most important advantages. Specialists of this field of study can simultaneously work as designers, builders, experts in heat-power engineering, or specialists in gas supply facilities.

Graduates are in demand in:

- *design and construction companies*
- *enterprises of gas supply and industrial ventilation*
- *services operating the systems of heat and gas supply and microclimate of buildings*
- *apartment management companies, and housing and public services*
- *CHP plants, boiler rooms*

Main programme-specific classes:

- *Heating;*
- *Ventilation;*
- *Gas Supply;*
- *Heat Supply;*
- *Air Conditioning and Refrigeration Supply;*
- *Heat-generating Plants;*
- *Automation of Systems of Heat and Gas Supply and Ventilation.*

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):

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