

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: *2.1.13 Urban Planning, Planning of Rural Settlements*

Mode of study: *full-time*

Programme length: *3 years*

Programme level: *postgraduate studies*

Language of instruction: *Russian*

Programme description: *This academic programme covers the development of the scientific foundation of architectural and space-planning design of cities and rural settlements, area planning, and territorial systems of settlement in regions. The goal of research is to improve the functional, social, hygienic, and aesthetic parameters of the living environment of human beings in cities and rural areas, as well as to preserve and implement the accumulated architectural, urban-planning, and other cultural heritage. Fields of research: Study of the urban-planning traditions and urban-planning heritage in the cities and regions of Russia and other countries.*

Development of modern and predictable, social, space, technical and architectural-artistic patterns, principles and methods of general planning of cities, rural areas, and big territorial systems of settlement.

Fundamentals of planning, site development and reconstruction of residential and production functional zones of cities and rural settlements, their community centres, landscape complexes, and recreation sites, architectural and urban-planning ensembles, improvements and amenities, and transport-and-communication systems.

Development of the methodological foundation of urban-planning forecasting, planning, and design, foundation of legal support for urban-planning activities.

Creation of modern urban-planning and information systems, scientific principles of forming urban-planning cadastres, computer automation of various sections of urban-planning activities.

Development of the scientific and methodological foundation of education in Urban Planning, training of top-qualification specialists in Urban Planning.

Main programme-specific classes:

- *History and Philosophy of Science*
- *Foreign Language*
- *Major-specific discipline*

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

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