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Федеральное государственное автономное образовательное учреждение высшего образования
«Российский университет дружбы народов имени Патриса Лумумбы»
Инженерная академия
(наименование основного учебного подразделения (ОУП) – разработчика программы)

Утверждена на заседании
ученого совета ОУП
протокол от 29 ноября 2023 г.
№ 2022-08/23-11/3

ПРОГРАММА ПОДГОТОВКИ НАУЧНЫХ И НАУЧНО-ПЕДАГОГИЧЕСКИХ КАДРОВ В АСПИРАНТУРЕ

Научная специальность:

2.1.12. Архитектура зданий и сооружений. Творческие концепции архитектурной деятельности

(код и наименование научной специальности)

Направленность (профиль):

**Architecture of Buildings and Structures. Creative Concepts of Architectural Activity /
Архитектура зданий и сооружений. Творческие концепции архитектурной деятельности (англ.)**

(наименование программы подготовки научных и научно-педагогических кадров)

Программа подготовки научных и научно-педагогических кадров в аспирантуре разработана в соответствии с требованиями:

СУТ РУДН, утвержденных приказом ректора от 09 марта 2022 г. № 139

Срок освоения программы подготовки научных и научно-педагогических кадров в аспирантуре:

3 года

(очная форма обучения)

Сведения об особенностях реализации программы: реализуется на английском языке.

СОГЛАСОВАНО:

Руководитель программы
Калугина О. В.


(подпись)

Начальник УОП
Воробьева А. А.


(подпись)

Директор академии
Разумный Ю. Н.


(подпись)

Начальник ДАД
Борисова А. С.


(подпись)

2024 г.

1. THE PURPOSE OF MASTERING THE PHD PROGRAM

The purpose of the PHD program is to guide the postgraduate student towards the development of an academic career, maximum adaptation in the scientific environment, as well as solving the problems of building architectural science and its role in the general cultural context.

The purpose is to prepare and defend a dissertation for the degree of Candidate of Architecture.

2. BRIEF SUMMARY OF THE PROGRAM

The PHD program is implemented in full-time education in accordance with the license for the right to carry out educational activities. The term of education under the program is 3 years.

The volume of the program is 180 credit units (hereinafter referred to as credits). The volume of the postgraduate program implemented in one academic year is on average 60 CU.

3. THE NEED OF THE LABOR MARKET FOR GRADUATES WHO HAVE COMPLETED THE PHD PROGRAM

The profession of an architect involves the creation of a materially organized spatial environment necessary for human life (buildings, structures, their complexes with life support systems, landscapes, settlements, urban environment). This environment must meet technical, functional and aesthetic requirements, depending on temporal, geographical, ethnic and many other factors, which allows us to talk about the demand for this profession in the social, economic, educational sphere.

In professional activities, a postgraduate graduate and / or a candidate of architecture solves one or several types of tasks: research activities in the field of architecture, teaching activities in programs of higher and secondary vocational education in the field of architecture.

Graduates who have mastered the program are focused on work in the field of architectural design in international and national institutions, various industries and forms of ownership; in state and municipal authorities; in academic and departmental research organizations; in leading Russian and foreign educational organizations of higher education, additional professional education, professional institutions and companies.

4. REQUIREMENTS FOR APPLICANTS APPLYING TO THE PROGRAM

For admission to the program, the Admission Rules are valid, approved by the relevant local regulatory act and posted in the public domain on the official website of RUDN University.

A candidate for admission to graduate school must have a diploma of higher education (specialist, master's degree) in a chosen or related specialty, be trained in the organization of research work, methods of conducting and processing the results of an experiment, take a systematic approach to describing processes and phenomena in the field of architecture and urban planning.

It is desirable to have published works in the chosen specialty.

An applicant is enrolled in graduate school based on the results of a positive entrance examination on a competitive budgetary or paid basis.

5. STRUCTURE AND SCOPE OF THE PROGRAM FOR TRAINING SCIENTIFIC AND SCIENTIFIC-PEDAGOGICAL PERSONNEL IN POSTGRADUATE STUDIES

The structure and volume of the postgraduate program - the period of development is 3 years in full-time.

№	Structure of Program	Volume of program
1. Scientific component		150
1.1.	Scientific activity for preparation for defense	126
1.2.	Preparation of publications and (or) applications for patents for inventions and know-how, certificates of state registration of databases	18
1.3.	Intermediate certification by stages of scientific research	6
2. Component of education		24
2.1.	Disciplines	13
2.2.	Practice	5
2.3.	Intermediate certification for disciplines	6
3. Finished certification		6
Volume of program		180

6. CHARACTERISTICS OF THE PROFESSIONAL ACTIVITY OF A GRADUATE

The professional activities of graduates who have mastered the postgraduate

program include areas of science and technology related to architecture and urban planning, with elements of territorial systems, including:

- carrying out theoretical research in the field of architecture, including functional, constructive and compositional aspects of design, typology of buildings and structures, as well as an accessible environment for people with disabilities;
- study of the problems of preservation, conservation and modernization of the historically developed urban environment, individual architectural complexes and buildings, reconstruction of lost architectural monuments;
- development of scientific problems of creating a healthy and comfortable living environment that provides optimal conditions for work, life and recreation of the population;
- update and improvement of the regulatory framework in the field of architecture, design, construction, operation and reconstruction of facilities;
- carrying out educational and educational-methodical work in higher and secondary specialized educational institutions;
- research of social, technical and town-planning problems of sustainable development of architecture.

The objects of professional activity of graduates are:

- artificial human habitat with its components (cities, other settlements, buildings and structures, their complexes and fragments - with life support systems, security, landscapes and interiors) and the processes of its modeling, creation and use by man and society;
- history of architecture, culture, society and patterns of their development;
- monuments of architecture and urban planning;
- values of historical and architectural heritage.

A graduate who has mastered the postgraduate program is ready to solve the following professional tasks:

in the field of research activities in the field of architecture:

- carrying out research analysis, formation of a research model, design and survey work, expert advisory opinions at various stages of designing architectural objects and their elements.
- carrying out applied and fundamental scientific research of objects and elements of architecture, urban planning, natural environment to obtain scientifically significant results, development of an architectural concept, design methodology, identification of original, creative components in architectural activity;

in the field of teaching:

- development of specialized training courses, including those based on the results of theoretical and empirical studies; preparation of teaching materials, teaching aids and textbooks; teaching disciplines of the relevant profile and educational and methodological work; conducting research work in an educational organization, including the management of research work of students.

7. PLACE OF IMPLEMENTATION OF THE POSTGRADUATE PROGRAM

7.1. The postgraduate program is implemented by the RUDN University.

7.2. Information about the planned bases for conducting practices and (or) performing scientific research

Practice and research*	Base of practice
Educational practice	RUDN University, Moscow

Scientific research is carried out on the basis of RUDN University, as well as on the basis of partner organizations of the Department of Architecture.

8. FEATURES OF THE IMPLEMENTATION OF THE POSTGRADUATE PROGRAM

8.1. The postgraduate program is being implemented, including with elements of distance learning technologies.

8.2. Language of the PhD realization: English.