



**ACADEMY
OF ENGINEERING**



**ARCHITECTURE
OF RESIDENTIAL,
PUBLIC AND INDUSTRIAL BUILDINGS**

MASTER'S PROGRAMME DEGREE



PROGRAM ADVANTAGES

- ✔ Classes are duplicated in English, allowing foreign students to fully master the material, and Russian students-an additional opportunity to improve their English skills. You can also learn Spanish, French, etc.
- ✔ Much attention is paid to professional skills, because students must be proficient in both computer and manual graphics.
- ✔ The master's degree program at the Academy of Engineering also provides an opportunity to study software. These days, software ownership is mandatory. Students no longer need to look for additional courses, all the basic skills are given in the learning process.
- ✔ The multinational composition of students allows you to make useful contacts while still at the University.
- ✔ During the training process, students participate in competitions and their training projects are offered for participation in competitions.
- ✔ Opportunity to participate in the student exchange program with partner universities.



STUDYING PROCCESS

120 credits.

Duration of training 2 years.

lectures, practical classes and independent work,
several types of practice.



CURRENT PROBLEMS IN THE HISTORY AND THEORY OF ARCHITECTURE

- History of architecture, Gothic, Baroque, classicism, art Nouveau.
- Neoclassicism in architecture of the 20th century.
- Study of styles in architecture.
- Theory of architecture.
- Typology in architecture.



MODERN CONCEPTS IN ARCHITECTURE

- Current trends in architecture.
- Sustainability of architecture.
- Ecology in architecture.
- Autonomous architecture.
- Smart home concept.



THEORETICAL ASPECTS OF ARCHITECTURE AND URBAN PLANNING

- Creating a modern urban environment.
- Techniques in urban planning.
- The concept of a smart city.
- Fighting traffic jams and congestion in a modern city.
- Rban recreation areas.



PROFESSIONAL PRESENTATION OF THE PROJECT

- Computer programs in architecture.
- Professional digital project submissions.
- Three-dimensional graphics.
- Digital environment.
- BIM architecture.



DESIGN STAGE

- Sketch.
- Pre-project proposal.
- Design stage.
- Working documentation.
- Engineering section.
- Author's supervision.



ARCHITECTURAL STRUCTURES AND TECHNOLOGIES

- Monolithic-frame construction.
- Panel construction.
- Block and brick construction.
- Large-span structures.
- Wooden architecture.
- Modern composite materials.



STUDENTS FEEDBACK



ROMERO BARRENECHEA POLINA, RUSSIA

“ I am very happy to know that I am studying and studying at a University that has no analogues in Russia. Despite the fact that I am not a foreign student and Russian is my native language, this does not detract from the interest and complexity of learning. My group consists of people of different nationalities, such as: Albania, Latin America, Moldova, Syria, and others. Studying at the University of RUDN provides an opportunity not only to gain qualification knowledge, but also to get acquainted with the culture of different peoples, plunge into the international environment, build connections and strong friendships with people whose national code is completely different from their own. The University gave me the opportunity to go on a student exchange program for six months in Peru. I have gained tremendous experience, strong knowledge and understanding of my profession as an architect in South America. This opportunity gave me a lot for my career, and participation in practical lessons, speaking at lectures helped to improve the level of my language. Later, when I returned to Russia, I brought with me new knowledge and skills that I was able to implement in my work and study. I am grateful to the University for this opportunity for personal and professional growth. All applicants or those who are considering which University to choose, I can only advise one thing: send your documents to the Russian University of Friendship of Peoples, I assure you, you will not make a mistake with the choice, you will not get such experience as here anywhere else. ”



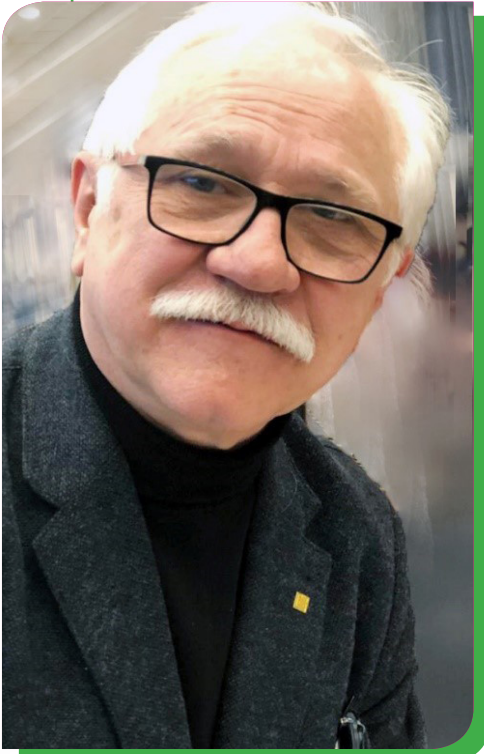
ECOREGION OF LATEEF BONNIE, NIGERIA

“ I like to study for a master’s degree in architecture at the Academy of engineering. There are talented teachers working there, and good students study with me. Interesting subjects and available material. I’m very happy. ”



HEAD OF THE PROGRAMME

KOLESNIKOV ALEXANDER ALBERTOVICH



Candidate of architectural Sciences,
associate Professor.

AREAS OF SCIENTIFIC INTEREST:

urban planning, urban studies, architecture

Author of scientific articles in peer-reviewed
Russian and foreign scientific journals
(HAC, SCOPUS, Web of Science),

Regularly makes presentations at
international conferences on urban planning
and architecture.

Honorary architect of Russia, Advisor
to the Russian Academy of architecture
and construction Sciences (Moscow)