

**Profile of the educational program «Urban Planning»  
in the specialty 191 Architecture and Urban Planning**

<b>1 – General information</b>	
<b>Full name of the higher educational institution</b>	O. M. Beketov National University of Urban Economy in Kharkiv
<b>Degree of higher education and title of qualification in the original language</b>	Master of Architecture and Urban Planning
<b>The official name of the educational program</b>	Urban Planning
<b>Type of diploma and scope of the educational program</b>	Master's degree, single, 90 ECTS credits, term of study 1 year 4 months
<b>Availability of accreditation</b>	Certificate of accreditation of the educational program UD21002747, the certificate is valid until 01.07.2023
<b>Cycle / level</b>	The second (master's) level National Qualifications Framework of Ukraine – Level 7 EQF-LLL – 7 FQ-EHEA – the second cycle
<b>Requirements for the level of education of the entrant</b>	The first (bachelor's) level, educational and qualification level specialist
<b>Teaching language (s)</b>	Ukrainian language
<b>The duration of the educational program</b>	5 years
<b>Internet address of the permanent placement of the description of the educational program</b>	<a href="http://.....kname.edu.ua/">http://.....kname.edu.ua/</a>
<b>2 – The purpose of the educational program</b>	
Acquisition of theoretical knowledge, skills, abilities and other competencies of solving complex problems in the field of architecture and urban planning. Formation of a creative personality and training of highly qualified specialists capable of working in the field of architecture and urban planning, spatially represent and visually reflect creative solutions of typical, original and perspective tasks and / or to carry out innovations in the field of professional activity at designing and reconstruction of town-planning objects.	
<b>3 – Characteristics of the educational program</b>	
<b>Subject area</b>	<b>Objects of study and activity</b> – objects of town-planning, architecture and construction, modern methods and technologies of architectural and town-planning designing. <b>Purposes of learning</b> – training of specialists who have modern creative architectural and urban planning thinking, theoretical knowledge and practical skills needed to solve the problems of the subject area.

	<p><b>Theoretical content of the subject area</b> – concepts, categories, concepts, creative ideas, techniques and principles of formation of urban complexes.</p> <p><b>Methods, techniques and technologies:</b> general scientific methods of cognition, graphic modeling, information and communication technologies, methods of research and presentation of results, methods of teaching in higher education.</p> <p><b>Tools and equipment:</b> modern information and communication equipment - information systems and software products used in architectural and urban planning.</p>
<b>Orientation of the educational program</b>	Educational and professional orientation
<b>The main focus of the educational program and specialization</b>	<p>General education in architecture and construction, majoring in Architecture and urban planning by specialization Urban planning.</p> <p><i>Keywords:</i> urban planning, architecture, sustainable urban development, architectural and urban planning theories, multifunctional urban complexes, reconstruction, renovation, innovations in urban planning, planning, urban environment.</p>
<b>Features of the program</b>	<p>Cooperation in the field of education with DOM publishers and Meuser Architekten BDA (Germany) in the framework of academic mobility. Cooperation in the field of education with Loughborough University London (England). Cooperation with the Department of Urban Planning and Architecture of the Kharkiv Regional State Administration. Modern approach to teaching the discipline "Integrated urban design of the territorial complex" using VIM-technologies.</p>
<b>4 – Suitability of graduates for employment and further study</b>	
<b>Employment of graduates</b>	<p>Graduates can work in international and domestic design organizations. They can work as architects, researchers, teachers of architectural disciplines and more. Graduates can also work in government and administration (departments of architecture and urban planning). Graduates can also develop projects of various architectural objects and objects of architectural environment design.</p> <p>Professional opportunities of graduates (according to the Classifier of professions SC 003: 2010): 1229.1 Chief Architect (public authorities) 1229.3 Chief specialist-architect 1237.1 Chief Architect (architecture and construction) 2141.2 Architects and city planners</p>
<b>Further study</b>	<p>Continuation of education at the third level of higher education. Acquisition of additional qualifications in the system of adult education.</p>
<b>5 – Teaching and assessment</b>	
<b>Teaching and learning</b>	<p>Student-centered learning, problem-oriented learning, self-learning, learning through undergraduate practice, research-based learning. Teaching is conducted in the form of lectures, practical classes. Independent work of students is accompanied by regular consultations with teachers.</p> <p>Teaching methods: problem statement method, illustration and demonstration method, partial search method, research and practical method.</p>
<b>Evaluation</b>	Current control: oral and written questioning, tests, presentations of

	<p>individual tasks.</p> <p>Final control: written exams and differentiated tests, defense of course projects and practice reports.</p> <p>Certification: public defense of qualifying work.</p>
<b>6 – Program competencies</b>	
<b>Integral competence</b>	Ability to solve complex problems and problems in a particular field or area of professional activity or in the learning process. This process involves research and / or innovation and is characterized by uncertainty of conditions and requirements
<b>General Competences (GC)</b>	<p>GC1. Ability to communicate freely in a foreign language in the scientific, industrial and social spheres of activity.</p> <p>GC2. Ability to apply knowledge in practical situations.</p> <p>GC3. Knowledge and understanding of the subject area and understanding of professional activity.</p> <p>GC4. Skills in the use of information and communication technologies.</p> <p>GC5. Ability to conduct research at the appropriate level.</p> <p>GC6. Ability to be critical and self-critical.</p> <p>GC7. Ability to work in a team.</p> <p>GC8. Determination and perseverance regarding the tasks and responsibilities assumed.</p> <p>GC9. Ability to abstract thinking, analysis and synthesis.</p>
<b>Special (professional) competencies of the specialty (PC)</b>	<p>PC1. Knowledge and understanding of modern ideas of urban space formation, knowledge and understanding of current problems of the architectural environment.</p> <p>PC2. Ability to identify problems; ability to formulate, set and competently solve tasks aimed at solving these problems(in this process it is necessary to be able to apply modern research methodology).Ability to conduct research at the level of modern scientific achievements.</p> <p>PC3. Ability to research activities at the stages of pre-project analysis and justification of project decisions;possession of modern methods of scientific research of architectural and urban planning objects.</p> <p>PC4. Ability to understand the renovation and humanization of functional and aesthetic qualities of architectural spaces, possession of methods and techniques for designing architectural objects.</p> <p>PC5. Ability to master the methods of formation and renovation of urban facilities to solve complex problems of organization of urban spaces.</p> <p>PC6. Ability to develop master plans and spatial solutions of urban complexes using modern innovative technologies in urban design.</p> <p>PC7.Ability to understand the principles of improving the urban environment, mastery of methods and techniques of designing urban facilities.</p> <p>PC8. Ability to constantly improve and master knowledge at the current level, the ability to think and work in a creative team, to improve the professional level. Ability to understand the need for continuous self-study, the ability to determine the direction of future professional activity.</p> <p>PC9. Ability to use the means and methods of forming architectural objects in the structure of the urban environment;ability to solve complex problems in the formation of architectural objects.</p> <p>PC10. Ability to use methods of search and systematization of information for pre-project analysis of the formation of architectural objects.</p> <p>PC11. Ability to master the means and compositional foundations of the formation of the architectural environment.</p>

<b>7 – Program learning outcomes</b>	
<b>Program learning outcomes (LO)</b>	<p>LO1. Ability to communicate freely in a foreign language in the scientific, industrial and social spheres of activity.</p> <p>LO2. Ability to analyse and solve complex tasks and problems. The specifics of these problems require updating and integrating knowledge; often such updating of knowledge takes place in conditions of incomplete or insufficient information and conflicting requirements.</p> <p>LO3. Ability to conduct theoretical and scientific-practical research in architectural and design activities. Ability to apply innovative approaches to domestic and international experience based on theories of architecture and urban planning.</p> <p>LO4. Ability to master traditional and modern innovative methods and techniques for conducting scientific research in architectural and design activities.</p> <p>LO5. Use and critically comprehend the principles and rules of architectural and urban planning activities for the formation of spatial planning organization of urban development, taking into account the need to improve the compositional qualities of urban space in the context of its humanization.</p> <p>LO6. Have a method of organizing urban space for the development of architectural and urban projects in accordance with functional, aesthetic, technological, economic and other requirements and standards.</p> <p>LO7. Apply the means of architectural and urban composition, technical and humanities, design and forecasting, reconstruction and renovation of architectural and urban and landscape objects using innovative approaches and technologies.</p> <p>LO8. Ability to apply modern theoretical, methodological and typological approaches to solving problems of formation and development of the architectural environment; ability to use energy efficient and other innovative technologies in the design of architectural objects.</p> <p>LO9. Ability to analyse, synthesize and generate ideas, the ability to set professional priorities that will help ensure the achievement of objectives. Ability to manage personal professional development.</p> <p>LO10. Ability to use methods of searching and organizing information, ability to use methods of compiling a bibliography for making design and prognostic architectural decisions (at the same time it is necessary to be able to apply software). Ability to organize the results of pre-project analysis of architectural objects.</p>
<b>8 – Resource support for program implementation</b>	
<b>Staffing</b>	All research and teaching staff are qualified according to educational components, all scientific and pedagogical workers have experience of practical, scientific, and pedagogical activity, and they regularly improve their skills through participation in research projects, conferences, and internships in institutions in Ukraine and abroad.
<b>Material and technical support</b>	The material and technical support of the educational program meets the requirements and provides an opportunity for effective training of applicants. The educational process is fully provided with the auditorium fund, administrative and auxiliary facilities. Specialized computer laboratories of the department have modern equipment and software (software packages "ArchiCAD", "AutoCAD", "REVIT", "3DS Max", BIM-technologies with Internet access. Classrooms with multimedia equipment are used for lectures.
<b>Information support</b>	All educational components are provided with educational and methodical

<b>and teaching aids</b>	<p>materials: textbooks; training manuals; lecture notes; Guidelines; individual tasks; collections of situational tasks (cases); examples of solving typical problems or performing typical tasks; computer presentations; illustrative materials; resource directories, etc.; the listed training materials are posted in the relevant courses on the Moodle distance learning platform.</p> <p>Applicants have free access to modern professional literature and periodicals; candidates have free access to the Scopus and Web of Science databases; applicants have free access to Springer resources; Applicants have free access to the ScienceDirect database from Elsevier. The ScienceDirect platform contains up to 39,000 e-books. They also have access to a collection of 2,088 electronic monographs from 2019 to 2020.</p> <p>All teaching materials are available to students in the reading rooms of the scientific library <a href="http://library.kname.edu.ua/index.php/uk/">http://library.kname.edu.ua/index.php/uk/</a>. These materials are also available in the information service hall (this hall is equipped with computers with access to the Internet and the local network of the University). Training materials are available in the digital repository <a href="http://eprints.kname.edu.ua">http://eprints.kname.edu.ua</a>. Teaching materials are available on the portal of the Distance Learning Centre <a href="http://cdo.kname.edu.ua/">http://cdo.kname.edu.ua/</a> Educational materials are also available on the website of the Department of Architecture of Buildings and Structures and Architectural Environment Design <a href="https://abs.kname.edu.ua/">https://abs.kname.edu.ua/</a></p>
<b>9 – Academic mobility</b>	
<b>National credit mobility</b>	National credit mobility is provided in accordance with the Regulations on academic mobility of students, graduate students, doctoral students, research and teaching staff and researchers of the O.M. Beketov NUUE
<b>International credit mobility</b>	<p>Cooperation agreement between the O. M. Beketov National University of Urban Economy in Kharkiv and Philipp Meuser - Chairman of DOM publishers and Head of Meuser Architekten BDA (Germany) dated November 14, 2018.</p> <p>Agreement №93 from 2017-2022 between O.M. Beketov National University of Urban Economy in Kharkiv and «Politechnika Krakowska» University, Poland</p> <p>Agreement №88 from 2017-2021 between O.M. Beketov National University of Urban Economy in Kharkiv and University of Nova Gorica, Slovakia</p>
<b>Training of foreign applicants for higher education</b>	According to the Rules of admission to the O.M. Beketov National University of Urban Economy in Kharkiv