APPROVED

by the Academic Board of
Khmelnytskyi National University
Minutes of 31.08.2023 № 2

Head of the Academic Board

_____ <u>Mykola SKYBA</u>
<small>Signature</small>   <small>Name, surname</small>

EDUCATIONAL AND PROFESSIONAL PROGRAM
<small>Type of the educational program</small>
ARCHITECTURE AND URBAN PLANNING
<small>Name of the educational program</small>

HIGHER EDUCATION LEVEL	**First (Bachelor's)**
PROGRAM SUBJECT AREA	**191 – Architecture and urban planning** Code and name
FIELD OF STUDY	**19 – Architecture and urban planning** Code and name
EDUCATIONAL QUALIFICATION	**Bachelor of Architecture and urban planning** Name

APPROVED

by the Academic Board of KhNU (First edition)
Minutes of 19.06.2017 №17

AMENDMENTS MADE:

Decision of the Academic Board of KhNU
Minutes of 26.08.2020 №1

Decision of the Academic Board of KhNU
Minutes of 30.08.2021 №1

The educational program with amendments is put into force
from 01.09.2023

Order of 31.08.2023 № 32

Rector_____ <u>Serhii MATIUKH</u>
          <small>Signature</small>   <small>Name, surname</small>

Khmelnytskyi   2023

SUBMITTED	**PROJECT GROUP**

Department of the <u>Architecture and urban planning</u>

Minutes of 20 July 2023 № 12

Acting Department Chair<u>   </u> <u>Heorhii NEHAI</u>

   Signature   Name, surname

Guarantor (Head of the project group)

<u>   </u> <u>Heorhii NEHAI, PhD in</u>
<u>Architecture, Assoc. Prof.</u>
Signature   Name, surname, academic degree, title

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E-mail of the guarantor

Members of the project group:

<u>   </u> <u>Olena Konoplova, PhD in</u>
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<u>   </u> <u>Nataliia Mashovets, PhD in</u>
<u>Technical Sciences, Assoc. Prof.</u>
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<u>   </u> <u>Olena Bahrii, PhD in Technical</u>
<u>Sciences, Assoc. Prof.</u>
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APPROVED:

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| **Academic Board of the Faculty of** <u>Engineering, Transport and Architecture</u>

Minutes of 30 August 2023 № 1

Head of the Academic Board

                        Viktor OLEKSANDRENKO
   Signature   Name, surname | **Educational and Methodological Department**

Head<u>   </u> Larysa LIUBOKHYNETS
   Signature   Name, surname
Educational Department

Head<u>   </u> Oleh SAMOLIUK
   Signature   Name, surname

Department for Higher Education Quality Assurance

Head<u>   </u> Hanna KRASYLNYKOVA
   Signature   Name, surname |

LETTER OF APPROVAL

Head *of the Department of Urban Planning and Architecture of the Khmelnytskyi Regional State Administration*
Name of the organization (enterprise)

_____   Iryna DUNAIEVSKA
Signature   Name, surname

Head of the Student Council of the Faculty of *Engineering, Transport and Architecture*
Name

_____   Ihor HORBACHUK
Signature   Name, surname

Head *of the Department of Architecture, Urban Development and Land Resources of Khmelnytskyi City Council*
Name of the organization (enterprise)

_____   Maksym DRUZHYNIN
Signature   Name, surname

Director *of the INNOVA-D LLC*
Name of the organization (enterprise)

_____   Dmytro SHEVCHUK
Signature   Name, surname

Educational program profile for the program subject area
191 Architecture and urban planning
Code and name

1. General information	
Full name of the higher education institution and structural unit	Khmelnytskyi National University Faculty of Engineering, Transport and Architecture Department of Architecture and Urban Planning
Higher education level	Bachelor's
Name of the educational qualification	Bachelor of Architecture and Urban Planning
Official name of the educational program	Educational and professional program "Architecture and Urban Planning"
Diploma type and educational program volume	Bachelor's diploma, single, educational program volume 240 ECTS credits, term of study – 3 years 10 months
Accreditation	National Agency for Higher Education Quality Assurance, Certificate (№1802, 22.06.2021) – valid until 01.07.2026
Cycle/Level	NQF – Level 6; FQ-EHEA – First Cycle; EQF LLL – Level 6
Prerequisites	Availability of complete general secondary education
Language(s) of teaching	Ukrainian
Term of the educational program	Until the next update, not exceeding the accreditation period
Permanent web page of the educational program	https://khmnu.edu.ua/191-am-b-op/
2. The purpose of the educational program	
Training of creative personalities, specialists capable of solving complex and specialized problems in the field of urban planning and architecture using modern theoretical and methodological approaches in architecture and related fields of knowledge.	
3. Characteristics of the educational program	
Subject Area(Field of Study, Program Subject Area, Specialization (if available))	19 Architecture and construction; 191 Architecture and urban planning
Orientation of the educational program	Educational and professional program
The main focus of the educational program and specialization	Special education in architecture and construction with a degree in architecture and urban planning. Keywords: architectural design of buildings, settlements, complexes, environmental design, architectural composition, building structures, reconstruction. The emphasis is on developing a professional approach to solving design problems in architecture and urban planning, namely: conducting pre-design analysis, formulating a concept, justifying a design solution, in accordance with the current requirements of global, national and regional architectural practice.

Features of the program	Integration of artistic-compositional and engineering-technical training with the systematic implementation of the acquired knowledge into the practice of architectural design of specific objects.

4. Suitability of graduates for employment and further training

Suitability for employment	In the fields of urban planning, architecture and construction. A graduate of a bachelor's degree after successful completion of the educational program is able to perform professional work as a specialist in accordance with the National Classification of Ukraine: Classifier of Occupations (ДК 003:2010) to hold a primary position by category: 2141.2 Architect; 2141.2 Architects and urban planners; 2213.2 Specialist in landscape design; 2442.2 Specialist in urban and district planning.
Further training	The right to continue studying at the second (master's) level of higher education and/or to acquire additional qualifications in the postgraduate education system.

5. Teaching and evaluation

Teaching and learning	The following technologies are used in teaching and learning: *Traditional* (explanatory and illustrative); *active* (problem-based, interactive, project-based, information and computer-based, self-development, game-based, situational). Forms of education: classes (lectures, practical classes, laboratory classes, individual classes, consultations), independent work, individual assignments (course projects, calculation and graphic works, practice reports), practical training, layout, modelling of architectural forms using computer programs.
Evaluation	Assessment of students' learning outcomes is carried out in accordance with the "Regulations on the control and assessment of learning outcomes of higher education students at KhNU" according to the institutional scale and the ECTS scale. The current control is carried out during classroom classes in the form of oral questioning and testing, defence of laboratory works, reports, etc.; defence of calculation and graphic works, individual tasks. The main types of semester assessment are exams and tests (including differentiated ones), which are conducted orally or in writing, and the defence of term papers (projects). The final control is the defence of a qualification work (architectural project).

6. Program competencies

Integral competence	**IC.** Ability to solve complex, specialized tasks and practical problems in the field of urban planning and architecture, characterized by complexity and uncertainty of conditions, based on the application of modern architectural theories and methods, in means of related sciences.
General competencies (GC)	**GC 01.** Knowledge and understanding of the subject area and understanding of professional activities. **GC 02.** Ability to identify, formulate and solve problems. **GC 03.** Ability to adapt and act in a new situation. **GC 04.** Ability to communicate in the state language both orally and in writing. **GC 05.** Ability to communicate with representatives of other professional groups of different levels (experts from other fields of knowledge/ types of economic activity). **GC 06.** Ability to act on the basis of ethical considerations (motives). **GC 07.** Ability to make informed decisions. **GC 08.** Interpersonal skills.

	GC 09. Ability to exercise one's rights and responsibilities as a member of society, to understand the values of civil (free democratic) society and the need for its sustainable development, the rule of law, human and civil rights and freedoms in Ukraine. **GC 10.** Ability to preserve and increase moral, cultural, scientific values and achievements of society based on an understanding of the history and patterns of development of the subject area, their place in the general system of knowledge about nature and society and in the development of society, technology and technology, to use various types and forms of physical activity for active recreation and healthy lifestyle.
Special (professional, subject) competencies (PC)	**PC 01.** Awareness of the socio-economic and cultural aspects of architecture and urban planning. **PC 02.** Ability to apply theories, methods, and principles of physical, mathematical, natural sciences, computer, and technology to solve complex, specialized problems of architecture and urban planning. **PC 03.** Understand the peculiarities of the development of historical and contemporary styles in architecture, urban planning, art and design in Ukraine and foreign countries. **PC 04.** Ability to comply with the requirements of legislation, building codes, standards and rules, technical regulations, and other regulatory documents in the areas of urban planning and architecture in the course of new construction, reconstruction, restoration, and overhaul of buildings and structures. **PC 05.** Ability to analyse and evaluate the natural and climatic, environmental, engineering, technical, socio-demographic, architectural and urban planning conditions of architectural design. **PC 06.** Ability to perform technical and artistic images for use in architectural and urban planning, architectural and landscape design. **PC 07.** Understanding of the basic laws and principles of architectural and urban planning composition, the formation of an artistic image and style in the process of designing buildings and structures, urban planning, architectural, environmental and landscape objects. **PC 08.** Understanding of the theoretical and methodological foundations of architectural design of buildings and structures, urban planning, architectural, environmental and landscape objects. **PC 09.** Ability to develop architectural and artistic, functional, space-planning and constructive solutions, as well as to make drawings, prepare documentation for architectural and urban planning projects. **PC 10.** Ability to participate in the preparation of architectural and planning tasks for design, in the organization of the development of architectural and urban planning, architectural, environmental and landscape projects. **PC 11.** Ability to work effectively in a team, as well as to cooperate with clients, suppliers, other partners and the public in the development, approval and public discussion of architectural projects. **PC 12.** Understand the peculiarities of using different types of structural and engineering systems and networks, their calculations in architectural and urban planning design. **PC 13.** Ability to develop architectural and urban planning solutions taking into account safety, sanitary and hygienic, engineering, technical and energy-saving, technical and economic requirements and calculations. **PC 14.** Understanding the peculiarities of using modern building materials, products and structures, as well as technologies in the creation of urban planning, architecture and construction objects. **PC 15.** Ability to carry out computer modelling, visualization, layout, and preparation of visual illustrative materials for architectural and urban planning projects.

	PC 16. Understanding of the general theoretical, methodological and creative principles of architectural design.
	PC 17. Understanding of the theoretical foundations of urban planning and the ability to apply them to solve complex, specialized problems.
	PC 18. Awareness of the theoretical foundations of the architecture of buildings and structures, the basics of reconstruction, restoration of architectural objects and the ability to apply them to solve complex, specialized problems.
	PC 19. Ability to apply the theoretical foundations of architectural environment design to solve complex, specialized problems.
	PC 20. Ability to apply the theoretical foundations of landscape architecture to solve complex, specialized problems.
Defined by the educational program	**PC 21.** Ability to take into account regional architectural features when solving professional design problems.

7. Program learning outcomes (PLO)

PLO 01. Communicate fluently on professional issues in the state and foreign languages orally and in writing.

PLO 02. Know the basic principles of architectural and urban planning activities.

PLO 03. Apply theories and methods of physical, mathematical, natural, technical and human sciences to solve complex, specialized problems of architecture and urban planning.

PLO 04. Assess the factors and requirements that determine the prerequisites for architectural and urban design.

PLO 05. Apply the basic theories of design, reconstruction, and restoration of architectural and urban planning, architectural, environmental and landscape objects, modern methods and technologies, international and domestic experience to solve complex, specialized problems of architecture and urban planning.

PLO 06. Collect, analyse and evaluate information from various sources necessary to make informed design, architectural and urban planning decisions.

PLO 07. Apply software tools, IT technologies and Internet resources to solve complex, specialized problems of architecture and urban planning.

PLO 08. Know the regulatory framework for architectural and urban design.

PLO 09. Develop projects, carry out pre-project analysis in the process of architectural and urban planning design, taking into account goals, resource constraints, social, ethical and legal aspects.

PLO 10. Apply modern means and methods of engineering, artistic and computer graphics used in architectural and urban planning design.

PLO 11. Apply artistic and compositional principles in architectural and urban design.

PLO 12. To apply modern theoretical, methodological and typological approaches to solving problems of formation and development of architectural, urban and landscape environment.

PLO 13. Identify, analyse and evaluate the needs and requirements of clients and partners, find effective joint solutions for architectural and urban planning projects.

PLO 14. Choose rational architectural solutions based on the analysis of the effectiveness of structural, engineering and technical systems, building materials and products, and decorative and finishing materials.

PLO 15. Ensure compliance with sanitary and hygienic, engineering, technical, economic, and safety regulatory requirements in architectural and urban planning design.

PLO 16. Understand the socio-economic, environmental, ethical and aesthetic implications of proposed urban planning and architecture solutions.

PLO 17. Apply energy-efficient and other innovative technologies in the design of architectural objects.

PLO 18. Know the specifics of participation in architectural and urban design competitions.

PLO 19. Organize presentations and discussions of architectural, urban and landscape environment projects.

Defined by the educational program
PLO 20. Associate oneself as a member of civil society, scientific community, define the rule of law, in particular in professional activities understand and be able to use one's own rights and freedoms show respect for the rights and freedoms of others, in particular team members.
PLO 21. To reproduce moral, cultural, and scientific values, to multiply the achievements of society in the socio-economic sphere, and to promote a healthy lifestyle.
PLO 22. Identify and analyse the architectural features of the Podillia region, skilfully applying them in the architectural and urban planning environment and in the decoration of recreational areas.

8. Resource support for program implementation	
Staffing	Educational activities should be carried out by academic staff of the relevant speciality at the main place of work, of which at least 50% have a scientific degree and/or academic title. All academic staff providing the educational and professional program are qualified in accordance with the profile and direction of the disciplines taught, have the necessary teaching experience and practical experience. In the process of organizing the educational process, professionals with experience in research, management, innovation, creative work and work in their speciality are involved.
Material and technical support	The material and technical support allows us to fully ensure the educational process throughout the entire cycle of training under the educational program: - specialized laboratories for architectural design, composition and modelling, drawing and painting; - computer classrooms; - multimedia equipment; - scientific library, reading rooms. The condition of the premises is certified by sanitary and technical passports that comply with existing regulations.
Information and educational and methodological support	The information and educational and methodological support of the educational program complies with the current Licensing Conditions for the conduct of educational activities. Information support is based on the use of the following resources: - official website of KhNU: https://khmnu.edu.ua/; - wireless Internet access points; - unlimited Internet access; - modular learning environment: https://msn.khmnu.edu.ua/; - educational program; - training and work curricula; - work programs of disciplines; - didactic materials for independent and individual work in the disciplines; - practice programs; - methodological instructions for the implementation of course projects (works), graphic works, creative works, bachelor's qualification work (architectural project); - criteria for assessing learning outcomes.

	9. Academic mobility			
National credit mobility	On a general basis within Ukraine. On the basis of bilateral agreements between KhNU and educational institutions of Ukraine. (Concluded cooperation agreements: Vinnytsia National Technical University, Central Ukrainian National Technical University, Ternopil Ivan Puluj National Technical University)			
International credit mobility	On the basis of bilateral agreements between Khmelnytskyi National University and partner higher education institutions of foreign countries. (Concluded cooperation agreements: Bydgoszcz University of Science and Technology, Poland; Lublin University of Technology, Poland)			
Training of foreign students of higher education	Not provided.			

II. List of educational program components and their logical sequence

2.1. List of educational program components

Code CEP	Components of the educational program (CEP) (academic disciplines, course projects (works), practice, qualification work)	Number of ECTS credits	Form of final control	Semester
1	*2*	*3*	*4*	*5*
MANDATORY COMPONENTS OF THE EDUCATIONAL PROGRAM				
General training (MGT)				
MGT.01	Higher Mathematics	4	exam	1
MGT.02	Foreign Language	5	test, exam	1 2
MGT.03	Ukrainian state-building and European values	4	test	2
MGT.04	Cultural Studies and Speech Culture	4	test	1
MGT.05	Philosophy (including logic, ethics, aesthetics)	4	test	5
MGT.06	Urban planning legislation	4	exam	7
MGT.07	Physical education and the basics of health	4	test	2
Professional training (MPT)				
MPT.01	Descriptive geometry and construction drawing	7	test, exam	1 2
MPT.02	Drawing, painting	9	test	1, 3
MPT.03	Basics of composition and modelling of architectural forms	9	test, exam	1, 2 3
MPT.04	Basics of architectural design and architectural graphics	10	test	1, 2
MPT.05	History of art, architecture and urban planning	8	test, exam	2 1, 3
MPT.06	Basics of structural theory	7	exam	3
MPT.07	Building physics	5	exam	6
MPT.08	Design of the architectural environment	5	exam	7
MPT.09	Architectural design	26	test CP	4,5,6 3,4,6
MPT.10	Architectural structures	9	exam, CW	4 5

MPT.11	Typology of buildings and structures	4	exam	5
MPT.12	Economics of architectural and construction activities	4	exam	8
MPT.13	Basics of computer graphics and architectural design applications	7	test	2, 3
MPT.14	Building structures	7	exam	5, 6
MPT.15	Modern architecture	4	exam	7
MPT.16	Basics of reconstruction and restoration of buildings and structures	4	test	7
MPT.17	Architectural and urban planning design	7	CP, test	7 8
MPT.18	Introductory and measuring practice	3	differentiated test	3
MPT.19	Graphic practice	2	differentiated test	5
MPT.20	Geodetic practice	2	differentiated test	5
MPT.21	Production practice	2	differentiated test	7
MPT.22	Pre-diploma practice	3	differentiated test	8
MPT.23	Qualification work (architectural project)	7	DP	8
Total volume of mandatory components		**180**		
SELECTIVE COMPONENTS OF THE EDUCATIONAL PROGRAM				
	Selective courses of the 3rd semester	4	test*	3
	Selective courses of the 4th semester	16	test*	4
	Selective courses of the 5th semester	4	test*	5
	Selective courses of the 6th semester	16	test*	6
	Selective courses of the 7th semester	8	test*	7
	Selective courses of the 8th semester	12	test*	8
Total volume of selected components		**60**		
Total volume of the educational program		**240**		

* - the number of tests depends on the student's choice of free choice courses

2.2. Structural and logical scheme of the educational program

The description of the logical sequence of studying the components of the educational program is presented in the form of a graph (fig.1):
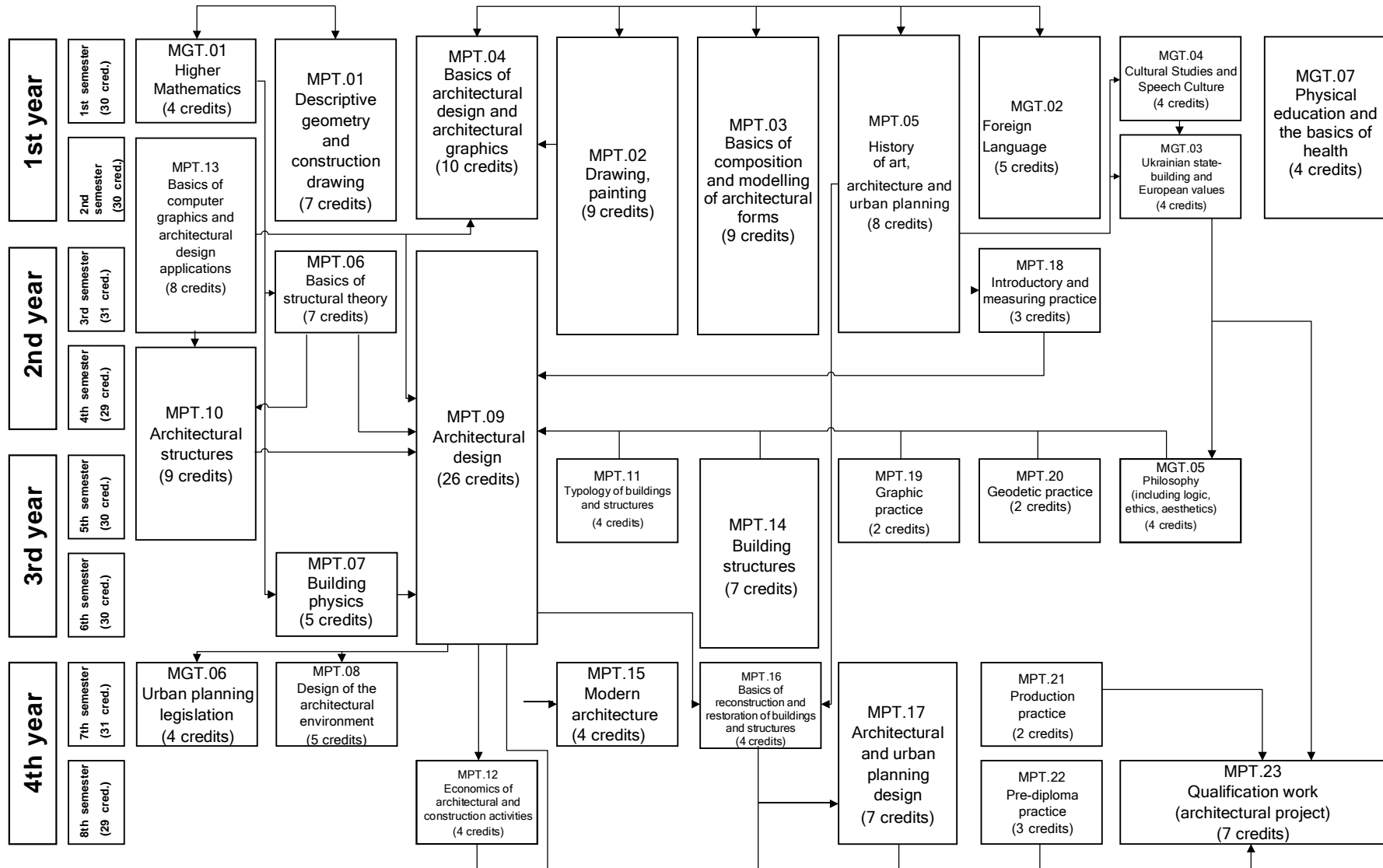

Fig.1. Logical sequence of studying the components of the educational program

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III. Forms of attestation of higher education students

Form of attestation of higher education students	Attestation is carried out in the form of a public defence of the qualification work.
Requirements for qualification work	The qualification work involves solving a complex, specialized creative task or practical problem in the field of architecture and urban planning. The qualification work is an architectural project with an explanatory note. The qualification work must not contain academic plagiarism, falsification, or fabrication. The qualification work is published in the institutional repository of Khmelnytskyi National University.

IV. Requirements for an internal quality assurance system for higher education

The system of internal quality assurance of educational activities and the quality of higher education (internal quality system) at the university meets the requirements of European standards and recommendations for quality assurance of higher education (ESG), 16 Article of the Law of Ukraine "On Higher Education" (as amended). The internal quality assurance system operates at the university at five organizational levels in accordance with the Regulations on the internal quality assurance system of educational activities and higher education at Khmelnytskyi National University: https://tinyurl.com/46sxryfh.

The internal quality assurance system involves the following procedures and measures:
1) defining the principles and procedures for quality assurance in higher education;
2) monitoring and periodic review of educational programs;
3) annual examination of students and academic staff of the University and regular publication of the results of such examination on the official website of the University, on information stands and in any other way;
4) supervising the implementation (evaluating the effectiveness) of professional development plans for academic staff;
5) monitoring (availability of necessary) resources for the organization of the educational process, including independent work of students, for each educational program;
6) analysing the state of the information system, its effectiveness for managing the educational process;
7) collecting information on ensuring (assessing the level of) publicity of information on educational programs, degrees of higher education and qualifications;
8) promoting an effective (tracking the effectiveness of functioning) system for preventing and detecting academic plagiarism in the scientific works of university staff and students, etc.;
9) development of recommendations for improving the quality of educational activities and the quality of higher education, participation in strategic planning, etc.

V. Matrix of compliance of program competencies with the components of the educational program

	MGT.01	MGT.02	MGT.03	MGT.04	MGT.05	MGT.06	MGT.07	MPT.01	MPT.02	MPT.03	MPT.04	MPT.05	MPT.06	MPT.07	MPT.08	MPT.09	MPT.10	MPT.11	MPT.12	MPT.13	MPT.14	MPT.15	MPT.16	MPT.17	MPT.18	MPT.19	MPT.20	MPT.21	MPT.22	MPT.23
IC	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
GC.01	+				+						+	+			+	+			+			+		+	+	+	+	+	+	+
GC.02	+			+	+						+					+										+	+	+	+	+
GC.03				+																		+				+	+	+	+	+
GC.04				+																					+	+		+	+	+
GC.05		+		+													+											+	+	+
GC.06					+																									+
GC.07					+										+				+						+	+		+	+	+
GC.08			+	+	+																				+	+	+	+	+	
GC.09			+	+	+																									
GC.10			+	+	+		+								+							+			+	+	+	+	+	+
PC.01		+	+												+				+			+							+	+
PC.02	+											+	+							+									+	+
PC.03											+	+			+	+						+		+	+	+			+	+
PC.04						+					+		+	+					+				+		+	+			+	+
PC.05														+															+	+
PC.06								+	+			+			+						+		+		+	+				+
PC.07									+	+	+	+			+	+						+		+	+	+		+	+	+
PC.08											+		+	+		+		+				+						+	+	+
PC.09								+		+	+					+							+	+	+			+	+	+
PC.10											+					+				+				+					+	+
PC.11					+						+					+				+				+	+	+		+	+	+
PC.12																		+	+		+							+	+	+
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PC.14														+				+	+		+							+	+	+
PC.15											+					+	+					+			+				+	+
PC.16											+					+							+		+	+		+	+	+
PC.17																													+	+
PC.18																				+		+		+		+			+	+
PC.19										+	+				+	+									+				+	+
PC.20											+					+							+		+	+			+	+
PC.21									+	+	+	+			+	+						+	+	+	+	+	+	+	+	+

VI. Matrix of providing the program learning outcomes (PLOs) with the relevant components of the educational program

	MGT.01	MGT.02	MGT.03	MGT.04	MGT.05	MGT.06	MGT.07	MPT.01	MPT.02	MPT.03	MPT.04	MPT.05	MPT.06	MPT.07	MPT.08	MPT.09	MPT.10	MPT.11	MPT.12	MPT.13	MPT.14	MPT.15	MPT.16	MPT.17	MPT.18	MPT.19	MPT.20	MPT.21	MPT.22	MPT.23
PLO 01		+		+	+																				+	+	+	+	+	+
PLO 02						+					+	+				+	+	+				+	+	+	+	+	+	+	+	+
PLO 03	+		+	+				+	+	+			+	+							+							+	+	+
PLO 04			+						+		+			+		+	+	+							+	+	+	+	+	+
PLO 05																	+	+			+	+	+		+	+	+	+	+	+
PLO 06									+		+	+				+	+	+				+	+	+	+	+	+	+	+	+
PLO 07											+				+	+				+					+	+	+	+	+	+
PLO 08						+					+					+	+	+					+	+				+	+	+
PLO 09						+					+					+			+					+	+			+	+	+
PLO 10								+			+				+					+		+				+			+	+
PLO 11										+	+	+			+	+						+				+			+	+
PLO 12										+									+									+	+	+
PLO 13															+		+		+										+	+
PLO 14													+	+		+					+		+					+	+	+
PLO 15						+			+		+					+	+		+				+					+	+	+
PLO 16												+			+	+	+	+				+	+						+	+
PLO 17														+		+	+				+								+	+
PLO 18									+							+									+	+	+	+	+	+
PLO 19				+							+					+	+								+	+	+	+	+	+
PLO 20		+	+	+																										+
PLO 21			+			+						+				+				+			+							+
PLO 22									+	+	+				+	+						+	+	+	+	+	+	+	+	+

References

1. Закон України "Про освіту" [Electronic resource]. – URL: http://zakon3.rada.-gov.ua/laws/show/2145-19.
2. Закон "Про вищу освіту" [Electronic resource]. – URL: http://zakon4.rada.gov.-ua/laws/show/1556-18.
3. Національна рамка кваліфікацій (в редакції постанови Кабінету Міністрів України від 25 червня 2020 р. № 519). [Electronic resource]. – URL: https://zakon.rada.gov.ua/laws/show/519-2020-%D0%BF#Text
4. Стандарт вищої освіти України зі спеціальності 191 – Архітектура та містобудування для першого (бакалаврського) рівня вищої освіти, затверджений наказом МОНУ від 16.06.2020 р. № 808.
5. Ліцензійні умови провадження освітньої діяльності. Постанова КМУ від 30 грудня 2015 № 1187 (в редакції постанови КМУ від 24.03. 2021 р. № 365).
6. Методичні рекомендації щодо розроблення стандартів вищої освіти. Наказ МОНУ від 01.06.2017 № 600 (у редакції наказу МОНУ від 30.04.2020 № 584).
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8. Лист МОНУ від 05.06.2018 № 1/9-377 «Щодо надання роз'яснень стосовно освітніх програм».
9. Лист МОНУ від 28.04.2017 № 1/9-239 «Зразок освітньо-професійної програми для першого та другого рівнів вищої освіти».